Appendix B

Health Risk Assessment

Cubberley Community Center Master Plan

Construction Modeling Assumptions

AERMOD Sources

PolyAreas		
Offroad Construction Exhaust		
Release Height	5	m
Emissions rate	1	g/s
Init Vert Dimension	1.4	m
SCAQMD LST Guidance, 2008		
Line Volume		
Onroad Hauling Exhaust		
Vehicle Height	13.1	ft
Plume Height	6.8	m
Plume Width	13.22	m
Release Height	3.4	m
Emissions rate	1	g/s
EPA Haul Road Guidance & Caltrans Heigh & Low Clearance Guidance[1]		

[1] USEPA Haul Road Workgroup Final Report Dec 6, 2011, Page 4.

https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf

Meteorology:Moffet Field Airport

Cubberley Community Center Master Plan

Health Risk Assessment Risk Factors

Residential Risk	Abbreviation	UOM	3rd Trimester	0<2	2<16
Daily Breathing Rate	DBR	L/kg-day	361	1090	572
Fraction Of Time At Home [a]	FAH	unitless	1	1	1
Exposure Frequency	EF	days/year	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3
Inhalation Absorption Factor	A	unitless	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00

Cubberley Community Center Master Plan

Health Risk Assessment Exposure Duration Assumptions for Offroad Equipment

Residential Receptors

	Start Date	*1/1/2030*	*4/2/2030*	*4/2/2032*
OFFROAD	*End Date*	*4/1/2030*	*4/1/2032*	*3/30/2046*

	1/1/2030	*6/1/2035*	*Days*	*90*	*730*	*5110*
Phase	Start Date	End Date	Duration (days)	3rd Tri	0<2	02<16
Demolition - Phase I	1/1/2030	2/26/2030	57	57	0	0
Grading- Phase I	2/27/2030	4/24/2030	57	34	23	0
New Building Construction I- Phase I	4/25/2030	12/31/2030	251	0	251	0
New Building Construction II- Phase I	1/1/2031	6/11/2031	162	0	162	0
Renovation Building Construction I- Phase I	6/12/2031	12/31/2031	203	0	203	0
Renovation Building Construction II- Phase I	1/1/2032	2/5/2032	36	0	36	0
Paving- Phase I	2/6/2032	4/2/2032	57	0	56	0
Architectural Coating- Phase I	4/3/2032	5/31/2032	59	0	0	59
Demolition - Phase II	6/1/2032	7/10/2032	40	0	0	40
Grading- Phase II	7/11/2032	7/23/2032	13	0	0	13
Building Construction I- Phase II	7/24/2032	12/31/2032	161	0	0	161
Building Construction II- Phase II	1/1/2033	10/19/2033	292	0	0	292
Paving- Phase II	10/20/2033	11/9/2033	21	0	0	21
Architectural Coating- Phase II	11/10/2033	11/30/2033	21	0	0	21
Demolition I - Phase III	12/1/2033	12/31/2033	31	0	0	31
Demolition II - Phase III	1/1/2034	1/10/2034	10	0	0	10
Grading- Phase III	1/11/2034	1/23/2034	13	0	0	13
Building Construction I- Phase III	1/24/2034	12/31/2034	342	0	0	342
Building Construction II- Phase III	1/1/2035	4/20/2035	110	0	0	110
Paving- Phase III	4/21/2035	5/11/2035	21	0	0	21
Architectural Coating- Phase III	5/12/2035	6/1/2035	21	0	0	21

Intake Factor for Inhalation, IF (m^3/kg-day)

Phase	Year	Equation	3rd Trimester	0<2	2<16
Demolition - Phase I	2030		0.006564252	0	0
Grading- Phase I	2030	$\frac{DBR \cdot FAH \cdot EF \cdot ED \cdot ASF \cdot A \cdot CF_1}{AT}$	0.003915519	0.009408895	0
New Building Construction I- Phase I	2030		0	0.102679677	0
New Building Construction II- Phase I	2031		0	0.066271345	0
Renovation Building Construction I- Phase I	2031		0	0.083043723	0
Renovation Building Construction II- Phase I	2032		0	0.014726966	0
Paving- Phase I	2032		0	0.022908613	0
Architectural Coating- Phase I	2032		0	0	0.00380408
Demolition - Phase II	2032		0	0	0.002579037
Grading- Phase II	2032		0	0	0.000838187
Building Construction I- Phase II	2032		0	0	0.010380625
Building Construction II- Phase II	2033		0	0	0.018826971
Paving- Phase II	2033		0	0	0.001353995
Architectural Coating- Phase II	2033		0	0	0.001353995
Demolition I - Phase III	2033		0	0	0.001998754
Demolition II - Phase III	2034		0	0	0.000644759
Grading- Phase III	2034		0	0	0.000838187
Building Construction I- Phase III	2034		0	0	0.022050768
Building Construction II- Phase III	2035		0	0	0.007092352
Architectural Coating- Phase III	2035		0	0	0.001353995

Risk Calculation Part 1, R1

Equation	3rd Trimester	0<2	2<16
	7.22068E-06	0	0
	4.30707E-06	1.03498E-05	0
$IF \cdot CPF \cdot CF_2$	0	0.000112948	0
	0	7.28985E-05	0
	0	9.13481E-05	0
	0	1.61997E-05	0
	0	2.51995E-05	0
	0	0	4.184E-06
	0	0	2.837E-06
	0	0	9.22E-07
	0	0	1.142E-05
	0	0	2.071E-05
	0	0	1.489E-06
	0	0	1.489E-06
	0	0	2.199E-06
	0	0	7.092E-07
	0	0	9.22E-07
	0	0	2.426E-05
	0	0	7.802E-06
	0	0	1.489E-06

Cubberley Community Center Master Plan

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition - Phase I	2030	0.72	8	0.011308409
Grading- Phase I	2030	0.51	8	0.00807523
New Building Construction I- Phase I	2030	0.26	8	0.004096758
New Building Construction II- Phase I	2031	0.24	8	0.003830811
Renovation Building Construction I- Phase I	2031	0.03	8	0.000522662
Renovation Building Construction II- Phase I	2032	0.03	8	0.000480344
Paving- Phase I	2032	0.20	8	0.003129406
Architectural Coating- Phase I	2032	0.008	8	0.000128003

Risk Summary	
Maximum Risk, Uncontrolled	9.451
UTM X	579005.01
UTM Y	4141396.41

AERMOD Column Identifier:			*4*	*5*	*6*	*6*	*7*	*7*	*8*	*9*					
			Demolition - Phase I	Grading- Phase I	New Building Construction I-Phase I	New Building Construction II-Phase I	Renovation Building Construction I- Phase I	Renovation Building Construction II-Phase I	Paving- Phase I	Architectural Coating- Phase I	Child Risk				
Unique Identifier	X (UTM)	Y (UTM)	2030	2030	2030	2031	2031	2032	2032	2032	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.41	578385.01	4141176	0.001151422	0.000552346	0.000282963	0.000264594	1.92915E-05	1.77295E-05	0.00027085	6.86351E-06	1.0693E-08	6.58399E-08	2.87203E-11	7.65617E-08	0.076561673
578405.014141176.41	578405.01	4141176	0.001282939	0.000626234	0.000321022	0.000300182	2.10738E-05	1.93675E-05	0.0003105	7.68912E-06	1.19609E-08	7.46861E-08	3.2175E-11	8.66792E-08	0.086679219
578425.014141176.41	578425.01	4141176	0.001441031	0.000716273	0.000367643	0.000343777	2.31696E-05	2.12937E-05	0.000359318	8.68755E-06	1.34903E-08	8.55146E-08	3.63529E-11	9.90412E-08	0.099041202
578445.014141176.41	578445.01	4141176	0.001644808	0.000827469	0.000433519	0.000405376	2.61958E-05	2.40748E-05	0.000427884	9.90741E-06	1.54406E-08	1.00646E-07	4.14574E-11	1.16128E-07	0.116127833
578465.014141176.41	578465.01	4141176	0.001864644	0.000956188	0.000502222	0.000469619	2.84381E-05	2.61355E-05	0.000499829	1.13065E-05	1.75824E-08	1.16472E-07	4.73118E-11	1.34102E-07	0.134101844
578485.014141176.41	578485.01	4141176	0.002132992	0.00111527	0.000587311	0.000549185	3.17517E-05	2.91809E-05	0.000588485	1.3023E-05	2.02052E-08	1.36116E-07	5.44946E-11	1.56375E-07	0.15637536
578505.014141176.41	578505.01	4141176	0.00249848	0.00131489	0.000694319	0.000649246	3.64871E-05	3.35328E-05	0.000699266	1.51645E-05	2.3704E-08	1.60857E-07	6.34556E-11	1.84624E-07	0.184624376
578525.014141176.41	578525.01	4141176	0.002895631	0.001553028	0.000823694	0.000770223	4.12172E-05	3.78799E-05	0.000832265	1.77015E-05	2.75974E-08	1.90607E-07	7.40717E-11	2.18279E-07	0.218278798
578545.014141176.41	578545.01	4141176	0.003385172	0.001878218	0.000986131	0.000922114	4.69299E-05	4.31301E-05	0.00099778	2.12011E-05	3.25329E-08	2.2817E-07	8.87157E-11	2.60792E-07	0.26079177
578565.014141176.41	578565.01	4141176	0.003961109	0.002232317	0.001180686	0.00110404	5.35154E-05	4.91824E-05	0.001194557	2.45458E-05	3.82166E-08	2.7273E-07	1.02712E-10	3.11049E-07	0.311049304
578585.014141176.41	578585.01	4141176	0.004667772	0.002669832	0.001423501	0.001331092	6.14651E-05	5.64885E-05	0.001438337	2.95469E-05	4.52036E-08	3.28223E-07	1.23639E-10	3.73555E-07	0.373550235
578605.014141176.41	578605.01	4141176	0.005522688	0.003203201	0.001722236	0.001610435	7.09096E-05	6.51683E-05	0.001736507	3.51368E-05	5.3674E-08	3.96365E-07	1.47029E-10	4.50186E-07	0.450186422
578625.014141176.41	578625.01	4141176	0.006539653	0.003843083	0.002083447	0.001948197	8.19535E-05	7.53179E-05	0.002095294	4.11682E-05	6.37732E-08	4.78623E-07	1.72268E-10	5.42568E-07	0.5425683
578645.014141176.41	578645.01	4141176	0.007777584	0.004553784	0.002530199	0.002365947	9.51768E-05	8.74706E-05	0.002536978	4.9162E-05	7.57729E-08	5.79426E-07	2.05718E-10	6.55405E-07	0.655404969
578665.014141176.41	578665.01	4141176	0.009327175	0.005616484	0.003098337	0.002897204	0.000111458	0.000102433	0.003094951	5.92371E-05	9.15391E-08	7.09113E-07	2.47877E-10	8.009E-07	0.800900036
578685.014141176.41	578685.01	4141176	0.01127437	0.0068612	0.003822357	0.003574223	0.000131554	0.000120903	0.003797503	7.30998E-05	1.1096E-07	8.72965E-07	3.05885E-10	9.84231E-07	0.984230657
578705.014141176.41	578705.01	4141176	0.013614985	0.008350837	0.004700457	0.004395319	0.000155293	0.00014272	0.004631646	8.84755E-05	1.34277E-07	1.07096E-06	3.70225E-10	1.20561E-06	1.205607046
578725.014141176.41	578725.01	4141176	0.016473977	0.010142327	0.005773439	0.005398647	0.000183862	0.000168975	0.005618285	0.00010699	1.62637E-07	1.31173E-06	4.47698E-10	1.47482E-06	1.474815646
578745.014141176.41	578745.01	4141176	0.02000842	0.0122905	0.007084196	0.006624315	0.00021886	0.000201139	0.006768028	0.000129307	1.9741E-07	1.60405E-06	5.41084E-10	1.802E-06	1.80200283
578765.014141176.41	578765.01	4141176	0.024195358	0.014718964	0.008591312	0.008033593	0.00026027	0.000239197	0.008007867	0.000154824	2.38102E-07	1.93779E-06	6.47861E-10	2.17654E-06	2.176537788
578785.014141176.41	578785.01	4141176	0.029256323	0.017462765	0.010323257	0.009653107	0.000310974	0.000285795	0.009318244	0.000184225	2.86464E-07	2.31827E-06	7.70889E-10	2.60551E-06	2.605506492
578805.014141176.41	578805.01	4141176	0.035205338	0.020410386	0.012206947	0.011414514	0.000372434	0.000342279	0.010593946	0.000216838	3.42115E-07	2.72862E-06	9.07356E-10	3.07164E-06	3.071640172
578825.014141176.41	578825.01	4141176	0.042127102	0.023468152	0.014170687	0.013250775	0.000447932	0.000411664	0.01173984	0.000252388	4.05265E-07	3.15282E-06	1.05611E-09	3.55914E-06	3.559143059
578845.014141176.41	578845.01	4141176	0.049916447	0.026445166	0.016068674	0.015025551	0.000540187	0.00049645	0.012629875	0.000289737	4.74332E-07	3.55961E-06	1.2124E-09	4.03516E-06	4.03515826
578865.014141176.41	578865.01	4141176	0.057962153	0.028975863	0.017641706	0.016496468	0.000647009	0.000594623	0.013110207	0.000325603	5.43327E-07	3.89416E-06	1.36248E-09	4.43885E-06	4.438846161
578885.014141176.41	578885.01	4141176	0.066279714	0.031018653	0.018833289	0.017610697	0.000774821	0.000712086	0.013194857	0.000360417	6.12184E-07	4.14682E-06	1.50816E-09	4.76051E-06	4.760514691
578905.014141176.41	578905.01	4141176	0.074357084	0.032381025	0.019502782	0.018236728	0.000924046	0.000849229	0.012883482	0.000392396	6.76376E-07	4.29018E-06	1.64198E-09	4.9682E-06	4.968201583
578925.014141176.41	578925.01	4141176	0.081854898	0.033014043	0.019612984	0.018339777	0.001097184	0.001008348	0.012255441	0.000420989	7.33242E-07	4.31926E-06	1.76163E-09	5.05426E-06	5.054264952
578945.014141176.41	578945.01	4141176	0.088407217	0.03292578	0.019182538	0.017937274	0.001295314	0.001190437	0.011414977	0.000445716	7.80174E-07	4.24026E-06	1.86509E-09	5.0223E-06	5.022296556
578965.014141176.41	578965.01	4141176	0.093261012	0.032067949	0.018228239	0.017044925	0.001507766	0.001385687	0.010430215	0.000464116	8.11527E-07	4.0563E-06	1.94209E-09	4.86977E-06	4.869766016
578985.014141176.41	578985.01	4141176	0.096184801	0.030592604	0.016889992	0.015793552	0.001728001	0.001588089	0.009401736	0.000476107	8.26284E-07	3.79613E-06	1.99227E-09	4.62441E-06	4.624408703
579005.014141176.41	579005.01	4141176	0.096798734	0.028608278	0.015290085	0.014297506	0.001938377	0.001781433	0.008383459	0.000480324	8.2217E-07	3.48252E-06	2.00991E-09	4.3067E-06	4.306699701
579025.014141176.41	579025.01	4141176	0.095333956	0.026371682	0.0136225	0.012738174	0.002127759	0.001955481	0.00744736	0.000477942	8.0196E-07	3.15388E-06	1.99994E-09	3.95784E-06	3.957838774
579045.014141176.41	579045.01	4141176	0.091786508	0.024005155	0.011993465	0.01121489	0.002270937	0.002087066	0.006604173	0.000467968	7.66153E-07	2.82831E-06	1.95821E-09	3.59642E-06	3.596418319
579065.014141176.41	579065.01	4141176	0.086332802	0.021599059	0.010467545	0.009788028	0.00234388	0.002154103	0.005848703	0.00044957	7.1641E-07	2.51575E-06	1.88122E-09	3.23404E-06	3.234042703
579085.014141176.41	579085.01	4141176	0.07932566	0.01921509	0.009071206	0.008482335	0.002332475	0.002143622	0.005168495	0.000422648	6.55546E-07	2.21983E-06	1.76857E-09	2.87714E-06	2.87714351
579105.014141176.41	579105.01	4141176	0.07149911	0.016967108	0.007844145	0.00733493	0.002244067	0.002062372	0.004568901	0.000389642	5.89351E-07	1.94982E-06	1.63045E-09	2.5408E-06	2.540804736
579125.014141176.41	579125.01	4141176	0.063445714	0.014905259	0.006785379	0.006344895	0.002094627	0.001925032	0.00404313	0.000352938	5.22319E-07	1.7076E-06	1.47687E-09	2.2314E-06	2.231397728
579145.014141176.41	579145.01	4141176	0.055623009	0.013049894	0.005879217	0.005497558	0.001905596	0.001751306	0.00358245	0.00031493	4.57843E-07	1.49259E-06	1.31782E-09	1.95175E-06	1.951750357
579165.014141176.41	579165.01	4141176	0.048286905	0.011392776	0.005100833	0.004769704	0.001696573	0.001559206	0.003176003	0.000277397	3.97734E-07	1.30201E-06	1.16077E-09	1.70091E-06	1.700909354
579185.014141176.41	579185.01	4141176	0.041877978	0.009983649	0.004457847	0.004168459	0.001493179	0.00137228	0.002830829	0.000243264	3.45388E-07	1.14067E-06	1.01794E-09	1.48708E-06	1.487076676
579205.014141176.41	579205.01	4141176	0.036199008	0.008751288	0.00390671	0.0036531	0.001299407	0.001194198	0.002526933	0.000212053	2.99074E-07	9.99854E-07	8.87334E-10	1.29982E-06	1.299815424
579225.014141176.41	579225.01	4141176	0.031342951	0.007699328	0.003442752	0.00321926	0.00112548	0.001034354	0.002264344	0.000184709	2.59479E-07	8.79843E-07	7.72913E-10	1.1401E-06	1.140095023
578385.014141196.41	578385.01	4141196	0.001136269	0.00054314	0.000277965	0.000259921	1.91347E-05	1.75854E-05	0.000266187	6.7675E-06	1.0544E-08	6.47053E-08	2.83185E-11	7.52776E-08	0.075277554
578405.014141196.41	578405.01	4141196	0.001264167	0.000615413	0.000315	0.000294551	2.08647E-05	1.91753E-05	0.000305211	7.57392E-06	1.17788E-08	7.33279E-08	3.1693E-11	8.51384E-08	0.085138399
578425.014141196.41	578425.01	4141196	0.001418979	0.000704241	0.000360679	0.000337265	2.29187E-05	2.10631E-05	0.000353592	8.55442E-06	1.32792E-08	8.39577E-08	3.57959E-11	9.72727E-08	0.097272736

578445.014141196.41	578445.01	4141196	0.001601497	0.000810995	0.000424014	0.000396489	2.5276E-05	2.32294E-05	0.000420498	9.72053E-06	1.50569E-08	9.84701E-08	4.06754E-11	1.13568E-07	0.11356764
578465.014141196.41	578465.01	4141196	0.001834563	0.000941814	0.000493045	0.000461038	2.80513E-05	2.57801E-05	0.000493977	1.11375E-05	1.73032E-08	1.14473E-07	4.66048E-11	1.31823E-07	0.13182267
578485.014141196.41	578485.01	4141196	0.002102799	0.001103157	0.000578585	0.000541025	3.19817E-05	2.93923E-05	0.000584792	1.28694E-05	1.9935E-08	1.34341E-07	5.38518E-11	1.5433E-07	0.154330125
578505.014141196.41	578505.01	4141196	0.002427915	0.001301243	0.000684404	0.000639975	3.5933E-05	3.30237E-05	0.000696668	1.49789E-05	2.31357E-08	1.58796E-07	6.26789E-11	1.81994E-07	0.181994151
578525.014141196.41	578525.01	4141196	0.002863515	0.001547941	0.000817098	0.000764055	4.06684E-05	3.73756E-05	0.000836083	1.75863E-05	2.73436E-08	1.89398E-07	7.35896E-11	2.16815E-07	0.216815172
578545.014141196.41	578545.01	4141196	0.003353282	0.001880398	0.000981952	0.000918207	4.6287E-05	4.25393E-05	0.001007888	2.11307E-05	3.2312E-08	2.27622E-07	8.84211E-11	2.60023E-07	0.260022766
578565.014141196.41	578565.01	4141196	0.003950706	0.002256219	0.001187241	0.001110169	5.29927E-05	4.87021E-05	0.001220093	2.50617E-05	3.82445E-08	2.74752E-07	1.0487E-10	3.13102E-07	0.313101813
578585.014141196.41	578585.01	4141196	0.004675122	0.002716265	0.001441321	0.001347756	6.09477E-05	5.60129E-05	0.001480647	2.98502E-05	4.54567E-08	3.32942E-07	1.24908E-10	3.78524E-07	0.378523955
578605.014141196.41	578605.01	4141196	0.005546888	0.003275071	0.001752921	0.001639127	7.03242E-05	6.46303E-05	0.001798	3.56372E-05	5.41582E-08	4.04154E-07	1.49124E-10	4.58461E-07	0.458461462
578625.014141196.41	578625.01	4141196	0.006612479	0.003904939	0.002140966	0.002001982	8.15615E-05	7.49577E-05	0.002191022	4.20681E-05	6.45654E-08	4.92051E-07	1.76033E-10	5.56793E-07	0.556792594
578645.014141196.41	578645.01	4141196	0.007959084	0.004842715	0.002640607	0.002469187	9.55113E-05	8.77781E-05	0.002694356	5.17707E-05	7.83279E-08	6.06414E-07	2.16634E-10	6.84959E-07	0.68495899
578665.014141196.41	578665.01	4141196	0.009655572	0.005957743	0.003282077	0.003069016	0.000112744	0.000103615	0.003335727	6.31783E-05	9.53802E-08	7.52127E-07	2.64369E-10	8.47771E-07	0.847771371
578685.014141196.41	578685.01	4141196	0.011700584	0.007307437	0.004067548	0.003803497	0.000133065	0.000122291	0.004110725	7.69437E-05	1.1596E-07	9.30044E-07	3.2197E-10	1.04633E-06	1.046325706
578705.014141196.41	578705.01	4141196	0.014228353	0.008969158	0.005048845	0.004721091	0.000157698	0.000144929	0.005058027	9.38618E-05	1.41369E-07	1.15146E-06	3.92764E-10	1.29322E-06	1.293219094
578725.014141196.41	578725.01	4141196	0.017358747	0.01099491	0.006266401	0.005859608	0.000187683	0.000172487	0.006193814	0.000114505	1.72698E-07	1.42475E-06	4.79144E-10	1.59792E-06	1.597923225
578745.014141196.41	578745.01	4141196	0.021245673	0.013431287	0.007760612	0.00725682	0.000224473	0.000206298	0.007519586	0.000139455	2.11258E-07	1.7579E-06	5.83548E-10	1.96974E-06	1.969742906
578765.014141196.41	578765.01	4141196	0.026049032	0.016290565	0.009551018	0.008930999	0.00026984	0.000247992	0.009002299	0.000169066	2.58256E-07	2.15395E-06	7.07455E-10	2.41291E-06	2.412908831
578785.014141196.41	578785.01	4141196	0.031750732	0.019445234	0.011561543	0.010811008	0.000324312	0.000298053	0.010521594	0.000202404	3.13014E-07	2.5948E-06	8.46958E-10	2.90866E-06	2.908662173
578805.014141196.41	578805.01	4141196	0.038580446	0.022870989	0.013775555	0.012881293	0.000391704	0.000359989	0.012004995	0.000239826	3.77084E-07	3.07579E-06	1.00355E-09	3.45387E-06	3.453873084
578825.014141196.41	578825.01	4141196	0.046444426	0.026346648	0.016034015	0.014993142	0.000473929	0.000435557	0.01328295	0.000279857	4.48837E-07	3.56174E-06	1.17106E-09	4.01174E-06	4.01174365
578845.014141196.41	578845.01	4141196	0.055315307	0.029692216	0.018190098	0.01700926	0.000575305	0.000528724	0.01422728	0.000321686	5.273E-07	4.02142E-06	1.34609E-09	4.55007E-06	4.550070696
578865.014141196.41	578865.01	4141196	0.064822965	0.032610927	0.020014098	0.018714852	0.000698288	0.000641749	0.014706579	0.000363241	6.08523E-07	4.40713E-06	1.51998E-09	5.01717E-06	5.017170247
578885.014141196.41	578885.01	4141196	0.074223306	0.034751348	0.021251606	0.019872025	0.000841366	0.000773243	0.014641456	0.000401326	6.85619E-07	4.66697E-06	1.67934E-09	5.35427E-06	5.354267094
578905.014141196.41	578905.01	4141196	0.083383343	0.036096681	0.021864768	0.020445382	0.001011436	0.000929543	0.014125824	0.0004364	7.57555E-07	4.79702E-06	1.82611E-09	5.5564E-06	5.556399786
578925.014141196.41	578925.01	4141196	0.091834004	0.036581114	0.021807823	0.020392134	0.001211103	0.001113044	0.013267866	0.000467622	8.20661E-07	4.79131E-06	1.95676E-09	5.61393E-06	5.613928496
578945.014141196.41	578945.01	4141196	0.099000142	0.036190757	0.021099043	0.019729365	0.001439209	0.00132268	0.012192008	0.00049381	8.70724E-07	4.65602E-06	2.06634E-09	5.52881E-06	5.528813169
578965.014141196.41	578965.01	4141196	0.104303673	0.034986741	0.019830195	0.018542887	0.001689595	0.001552794	0.011013693	0.000513703	9.03834E-07	4.41066E-06	2.14958E-09	5.31665E-06	5.316645696
578985.014141196.41	578985.01	4141196	0.106945883	0.033009763	0.018103288	0.016928085	0.001941989	0.001784752	0.009796354	0.0005245	9.14397E-07	4.07357E-06	2.19476E-09	4.99016E-06	4.990163561
579005.014141196.41	579005.01	4141196	0.10724793	0.030624501	0.016192027	0.015140897	0.00219282	0.002015274	0.008663791	0.000528622	9.06305E-07	3.70084E-06	2.21201E-09	4.60935E-06	4.609352984
579025.014141196.41	579025.01	4141196	0.105092887	0.028016687	0.014265855	0.013339765	0.002416587	0.002220923	0.007648518	0.000525248	8.79512E-07	3.32318E-06	2.19789E-09	4.20489E-06	4.204886975
579045.014141196.41	579045.01	4141196	0.100207767	0.025238323	0.01239507	0.011590425	0.002570956	0.002362793	0.006729098	0.000511286	8.32271E-07	2.94883E-06	2.13947E-09	3.78324E-06	3.783238288
579065.014141196.41	579065.01	4141196	0.093295616	0.022506392	0.010705485	0.010010522	0.002637256	0.002423725	0.005926281	0.000488035	7.70594E-07	2.60136E-06	2.04218E-09	3.37399E-06	3.373994719
579085.014141196.41	579085.01	4141196	0.08454302	0.019795457	0.009166046	0.008571018	0.002592908	0.002382968	0.005198756	0.000453848	6.95718E-07	2.27144E-06	1.89912E-09	2.96906E-06	2.96906
579105.014141196.41	579105.01	4141196	0.075081388	0.017286321	0.007841728	0.00733267	0.002457334	0.002258371	0.004565177	0.000413145	6.16592E-07	1.97525E-06	1.7288E-09	2.59357E-06	2.593573299
579125.014141196.41	579125.01	4141196	0.065697557	0.015042054	0.006728393	0.006291609	0.00225693	0.002074193	0.004019534	0.00036947	5.39168E-07	1.71534E-06	1.54604E-09	2.25606E-06	2.256058556
579145.014141196.41	579145.01	4141196	0.056989291	0.013090997	0.005807114	0.005430136	0.00202388	0.001860012	0.003554316	0.000326258	4.67885E-07	1.49181E-06	1.36522E-09	1.96106E-06	1.961063902
579165.014141196.41	579165.01	4141196	0.049014488	0.011371862	0.005024182	0.00469803	0.001777606	0.001633679	0.003146555	0.000284591	4.02897E-07	1.29578E-06	1.19087E-09	1.69987E-06	1.699870743
579185.014141196.41	579185.01	4141196	0.041963582	0.009881739	0.004363007	0.004079775	0.001538436	0.001413873	0.002791148	0.000246281	3.45567E-07	1.12625E-06	1.03056E-09	1.47284E-06	1.472844956
579205.014141196.41	579205.01	4141196	0.035976345	0.00862265	0.003814328	0.003566715	0.001322294	0.001215232	0.002487033	0.00021275	2.96912E-07	9.83217E-07	8.90248E-10	1.28102E-06	1.281019502
579225.014141196.41	579225.01	4141196	0.030973618	0.007565521	0.003358522	0.003140499	0.001134444	0.001042592	0.002227042	0.00018409	2.56236E-07	8.63216E-07	7.70321E-10	1.12022E-06	1.120221578
579245.014141196.41	579245.01	4141196	0.026836211	0.006681445	0.002979654	0.002786225	0.000975487	0.000896504	0.002005198	0.000159993	2.22553E-07	7.6297E-07	6.69489E-10	9.86192E-07	0.986192471
578385.014141216.41	578385.01	4141216	0.001123603	0.000534499	0.000273377	0.00025563	1.90354E-05	1.74941E-05	0.000261556	6.68302E-06	1.04153E-08	6.36576E-08	2.7965E-11	7.41008E-08	0.074100826
578405.014141216.41	578405.01	4141216	0.001248222	0.000605238	0.000309428	0.000289341	2.07236E-05	1.90456E-05	0.000299922	7.47024E-06	1.16198E-08	7.20653E-08	3.12591E-11	8.37163E-08	0.083716346
578425.014141216.41	578425.01	4141216	0.001396928	0.000691159	0.000353345	0.000330407	2.26888E-05	2.08517E-05	0.000347051	8.41618E-06	1.30636E-08	8.23049E-08	3.52174E-11	9.54038E-08	0.095403802
578445.014141216.41	578445.01	4141216	0.001574922	0.000796056	0.000415247	0.000388291	2.49833E-05	2.29604E-05	0.000413207	9.55924E-06	1.48007E-08	9.65128E-08	4.00005E-11	1.11353E-07	0.111353443
578465.014141216.41	578465.01	4141216	0.001804596	0.000926067	0.000483336	0.000451959	2.8276E-05	2.59866E-05	0.000486873	1.09622E-05	1.7019E-08	1.12396E-07	4.5871E-11	1.29461E-07	0.129461129
578485.014141216.41	578485.01	4141216	0.002067969	0.001086522	0.000567729	0.000530874	3.15427E-05	2.89888E-05	0.000578314	1.26761E-05	1.96119E-08	1.31993E-07	5.3043E-11	1.51658E-07	0.151657878
578505.014141216.41	578505.01	4141216	0.002385848	0.001283396	0.000672278	0.000628636	3.53842E-05	3.25193E-05	0.000691317	1.47587E-05	2.27551E-08	1.56222E-07	6.17577E-11	1.79038E-07	0.179038495
578525.014141216.41	578525.01	4141216	0.002824954	0.001564657	0.000807266	0.000754861	4.00987E-05	3.6852E-05	0.000836396	1.74212E-05	2.71372E-08	1.87738E-07	7.28987E-11	2.14948E-07	0.214947652
578545.014141216.41	578545.01	4141216	0.003318339	0.001879106	0.00097552	0.000912193	4.56807E-05	4.19821E-05	0.001016024	2.10347E-05	3.20541E-08	2.26585E-07	8.80194E-11	2.58727E-07	0.258726832
578565.014141216.41	578565.01	4141216	0.003925036	0.00227027	0.001187486	0.001110399	5.23603E-05	4.81209E-05	0.001240465	2.50873E-05	3.81196E-08	2.75389E-07	1.04977E-10	3.13613E-07	0.313613214
578585.014141216.41	578585.01	4141216	0.004670486	0.002756237	0.001454062	0.00135967	6.03675E-05	5.54797E-05	0.001520453	3.00909E-05	4.55954E-08	3.36605E-07	1.25915E-10	3.82326E-07	0.382326367
578605.014141216.41	578605.01	4141216	0.005572445	0.003351059	0.001783974	0.001668165	6.98173E-05	6.41644E-05	0.001864281	3.618E-05	5.46701E-08	4.12181E-07	1.51395E-10	4.67003E-07	0.467002602
578625.014141216.41	578625.01	4141216	0.006704077	0.004104882	0.002206965	0.002063696	8.14151E-05	7.48232E-05	0.002302179	4.38601E-05	6.6088E-08	5.08859E-07	1.83532E-10	5.75131E-07	0.575130852
578645.014141216.41	578645.01	4141216	0.008147369	0.005075928	0.00275847	0.0025794	9.58877E-05	8.81239E-05	0.002869571	5.37061E-05	8.06919E-08	6.3463E-07	2.24733E-10	7.15547E-07	0.715546863
578665.014141216.41	578665.01	4141216	0.009914195	0.006276795	0.003448119	0.003224279	0.000113177	0.000104014	0.003573093	6.58267E-05	9.86218E-08	7.91529E-07	2.75451E-10	8.90426E-07	0.890426191
578685.014141216.41	578685.01	4141216	0.012134262	0.007793081	0.004331052	0.004049895	0.000134408	0.000123525	0.0044615	8.10769E-05	1.21183E-07	9.91776E-07	3.39265E-10	1.1133E-06	1.113298634
578705.014141216.41	578705.01	4141216	0.01486479	0.009654018	0.005431359	0.005078774	0.000159909	0.000146961	0.005543335	9.97538E-05	1.48914E-07	1.24029E-06	4.17419E-10	1.38962E-06	1.389620165
578725.014141216.41	578725.01	4141216	0.018289429	0.01195134	0.006816678	0.006374163	0.000191242	0.000175758	0.006856872	0.000122821	1.83537E-07	1.55139E-06	5.13944E-10	1.73545E-06	1.735445978
578745.014141216.41	578745.01	4141216	0.022612294	0.014754737	0.008546125	0.00799134	0.000230212	0.000211572	0.00841131	0.000151101	2.26826E-07	1.93695E-06	6.3228E-10	2.1644E-06	2.164404973
578765.014141216.41	578765.01	4141216	0.028038521	0.018082539	0.010647966	0.009956737	0.000278893	0.000256312	0.010165123	0.000185038	2.8034E-07	2.40143E-06	7.7429E-10	2.68254E-06	2.682542526
578785.014141216.41	578785.01	4141216	0.034639917	0.02181814	0.013055959	0.012208411	0.000338743	0.000311316	0.011984466	0.000223928	3.44096E-07	2.92842E-06	9.37024E-10	3.27345E-06	3.273449403
578805.014141216.41	578805.01	4141216	0.042437518	0.025779606	0.015647691	0.014631897	0.000411801	0.000378458	0.01369744	0.000266625	4.17462E-07	3.48974E-06	1.11569E-09	3.90832E-06	3.908320549
578825.014141216.41	578825.01	4141216	0.051529817	0.02980107	0.018294115	0.017106524	0.000502456	0.000461774	0.015145322	0.00031246	5.00436E-07	4.05678E-06	1.30748E-09	4.55853E-06	4.55852763
578845.014141216.41	578845.01	4141216	0.061736787	0.033585688	0.020761224	0.019413477	0.000614583	0.000564822	0.016136405	0.000359642	5.90437E-07	4.57967E-06	1.50492E-09	5.17161E-06	5.17161104
578925.014141216.41	578925.01	4141216	0.103443103	0.040612026	0.024291974	0.022715023	0.001340201	0.001231689	0.014331332	0.000520875	9.21848E-07	5.32346E-06	2.1796E-09	6.24749E-06	6.247485108
578945.014141216.41	578945.01	4141216	0.111205195	0.039796751	0.023203506	0.021697215	0.001602739	0.00147297	0.012966254	0.000548136	9.74384E-07	5.11137E-06	2.29367E-09	6.08805E-06	6.088052672
578965.014141216.41	578965.01	4141216	0.117193902	0.038212068	0.021566892	0.020166844	0.001904133	0.001749961	0.011587751	0.000570691	1.0108E-06	4.79584E-06	2.38805E-09	5.80903E-06	5.80903102
578985.014141216.41	578985.01	4141216	0.120005059	0.035789176	0.019453375	0.018190529	0.00221184	0.002032754	0.010214724	0.000583058	1.02066E-06	4.38607E-06	2.4398E-09	5.40917E-06	5.409172087

579005.014141216.41	579005.01	4141216	0.119661057	0.032872565	0.017148743	0.016035506	0.002509533	0.002306343	0.008946877	0.000586122	1.00562E-06	3.93816E-06	2.45262E-09	4.94623E-06	4.946228718
579025.014141216.41	579025.01	4141216	0.116021333	0.029681153	0.014850544	0.013886498	0.002760395	0.002536894	0.007810715	0.000578483	9.65591E-07	3.48691E-06	2.42065E-09	4.45492E-06	4.454923719
579045.014141216.41	579045.01	4141216	0.109465057	0.02645098	0.01272703	0.011900835	0.002926884	0.002689903	0.006821259	0.000559793	9.04338E-07	3.06164E-06	2.34245E-09	3.96832E-06	3.968316314
579065.014141216.41	579065.01	4141216	0.100593384	0.023326755	0.01085432	0.010149695	0.0029758	0.002734858	0.005966713	0.000529678	8.26822E-07	2.67379E-06	2.21643E-09	3.50283E-06	3.502828338
579085.014141216.41	579085.01	4141216	0.089891106	0.020308153	0.00919923	0.008602047	0.00288839	0.002654525	0.005206862	0.00048736	7.36543E-07	2.31435E-06	2.03935E-09	3.05294E-06	3.052936691
579105.014141216.41	579105.01	4141216	0.078620241	0.017550381	0.007798261	0.007292025	0.002692031	0.002474065	0.004548842	0.000437823	6.43282E-07	1.99463E-06	1.83207E-09	2.63975E-06	2.639748953
579125.014141216.41	579125.01	4141216	0.067897269	0.015154138	0.006654528	0.006222539	0.002431347	0.002234488	0.003993748	0.00038671	5.55534E-07	1.72101E-06	1.61818E-09	2.27816E-06	2.278158677
579145.014141216.41	579145.01	4141216	0.058071619	0.013073474	0.005707235	0.005336741	0.002140616	0.001967297	0.003517202	0.000336683	4.75625E-07	1.48501E-06	1.40885E-09	1.96204E-06	1.962042745
579165.014141216.41	579165.01	4141216	0.049256149	0.011260181	0.004908736	0.004590078	0.0018456	0.001696167	0.003100615	0.000289509	4.04161E-07	1.27978E-06	1.21145E-09	1.68516E-06	1.685156084
579185.014141216.41	579185.01	4141216	0.041775976	0.00973687	0.004253295	0.003977186	0.001574359	0.001446887	0.002746085	0.000247939	3.43588E-07	1.10756E-06	1.0375E-09	1.45218E-06	1.452184404
579205.014141216.41	579205.01	4141216	0.035600228	0.008474873	0.003717603	0.003476269	0.001338821	0.00123042	0.002446507	0.000212633	2.9356E-07	9.64904E-07	8.8976E-10	1.25935E-06	1.259353604
579225.014141216.41	579225.01	4141216	0.030560635	0.007432765	0.003278472	0.003065645	0.001140862	0.00104849	0.002193275	0.000183227	2.52682E-07	8.47174E-07	7.66711E-10	1.10062E-06	1.100622837
579245.014141216.41	579245.01	4141216	0.026332647	0.006545943	0.00290624	0.002717577	0.000971907	0.000893214	0.001972183	0.0001582	2.18333E-07	7.47059E-07	6.61985E-10	9.66054E-07	0.96605427
578385.014141236.41	578385.01	4141236	0.001110146	0.000524648	0.000268379	0.000250956	1.89308E-05	1.73981E-05	0.000256017	6.5883E-06	1.02757E-08	6.24997E-08	2.75687E-11	7.2803E-08	0.072802964
578405.014141236.41	578405.01	4141236	0.001245169	0.000595629	0.000310616	0.000290452	2.10372E-05	1.93338E-05	0.00030036	7.37936E-06	1.15564E-08	7.22253E-08	3.08788E-11	8.38126E-08	0.083812603
578425.014141236.41	578425.01	4141236	0.001389464	0.000678885	0.000353714	0.000330752	2.2532E-05	2.07076E-05	0.000347239	8.29458E-06	1.29569E-08	8.22328E-08	3.47086E-11	9.52243E-08	0.095224349
578445.014141236.41	578445.01	4141236	0.001563727	0.000781601	0.000406931	0.000380514	2.4769E-05	2.27635E-05	0.000405602	9.41204E-06	1.46576E-08	9.46426E-08	3.93846E-11	1.0934E-07	0.109339517
578465.014141236.41	578465.01	4141236	0.001774515	0.000908706	0.000473012	0.000442305	2.79468E-05	2.5684E-05	0.000478392	1.07791E-05	1.67271E-08	1.10098E-07	4.51051E-11	1.2687E-07	0.126870216
578485.014141236.41	578485.01	4141236	0.002031329	0.001066899	0.000555602	0.000519535	3.11246E-05	2.86045E-05	0.000569646	1.24611E-05	1.92628E-08	1.29331E-07	5.21432E-11	1.48646E-07	0.148645689
578505.014141236.41	578505.01	4141236	0.002387544	0.001271364	0.000662405	0.000619404	3.50132E-05	3.21782E-05	0.000687499	1.46154E-05	2.27155E-08	1.54173E-07	6.11578E-11	1.7695E-07	0.176949988
578525.014141236.41	578525.01	4141236	0.002789671	0.001553916	0.000797229	0.000745476	3.96387E-05	3.64293E-05	0.000835958	1.76029E-05	2.68361E-08	1.85749E-07	7.36593E-11	2.12658E-07	0.212658483
578545.014141236.41	578545.01	4141236	0.003272993	0.001869173	0.000964008	0.000901428	4.50221E-05	4.13768E-05	0.001018841	2.08644E-05	3.16839E-08	2.24398E-07	8.7307E-11	2.56169E-07	0.256169155
578565.014141236.41	578565.01	4141236	0.003883308	0.002272773	0.001180481	0.001103848	5.16338E-05	4.74532E-05	0.001254235	2.50053E-05	3.78291E-08	2.74416E-07	1.04635E-10	3.12349E-07	0.312349273
578585.014141236.41	578585.01	4141236	0.004651262	0.002787085	0.00146033	0.001365531	5.97194E-05	5.48841E-05	0.001555941	3.0247E-05	4.55894E-08	3.38885E-07	1.26568E-10	3.84601E-07	0.384600976
578605.014141236.41	578605.01	4141236	0.005584545	0.003421313	0.001809538	0.001692069	6.92528E-05	6.36456E-05	0.001929498	3.66651E-05	5.506E-08	4.19122E-07	1.53425E-10	4.74335E-07	0.474335126
578625.014141236.41	578625.01	4141236	0.006758584	0.004228836	0.0022601	0.002113382	8.09291E-05	7.43765E-05	0.002407671	4.4792E-05	6.70154E-08	5.22372E-07	1.87432E-10	5.89575E-07	0.589575297
578645.014141236.41	578645.01	4141236	0.008262941	0.005276032	0.002852245	0.002667087	9.55218E-05	8.77877E-05	0.003031643	5.52729E-05	8.23883E-08	6.5773E-07	2.31289E-10	7.4035E-07	0.740349994
578665.014141236.41	578665.01	4141236	0.010152011	0.006606345	0.003614488	0.003379848	0.000113345	0.000104167	0.003827545	6.85199E-05	1.01758E-07	8.31501E-07	2.86721E-10	9.33546E-07	0.933546432
578685.014141236.41	578685.01	4141236	0.01254634	0.008304728	0.004602626	0.004303839	0.000135328	0.000124371	0.004844414	8.53586E-05	1.26362E-07	1.056E-06	3.57182E-10	1.18272E-06	1.182723944
578705.014141236.41	578705.01	4141236	0.015541938	0.010427786	0.005859716	0.005479324	0.000162088	0.000148964	0.006106628	0.000106352	1.57137E-07	1.3403E-06	4.4503E-10	1.49789E-06	1.497885858
578725.014141236.41	578725.01	4141236	0.019326523	0.013069113	0.007458271	0.006974106	0.000195058	0.000179264	0.007650239	0.000132471	1.9584E-07	1.69956E-06	5.54325E-10	1.89596E-06	1.895957097
578745.014141236.41	578745.01	4141236	0.024103082	0.016287819	0.009455482	0.008841665	0.000235872	0.000216774	0.009471021	0.000164432	2.44193E-07	2.14482E-06	6.88065E-10	2.3897E-06	2.389698101
578765.014141236.41	578765.01	4141236	0.030183047	0.020145356	0.011913619	0.011140228	0.000287391	0.000264122	0.011540278	0.000203144	3.0471E-07	2.68756E-06	8.50054E-10	2.99312E-06	2.993120808
578785.014141236.41	578785.01	4141236	0.037871974	0.024610313	0.014827602	0.013865045	0.000353163	0.000324568	0.013743693	0.000248877	3.7946E-07	3.32405E-06	1.04142E-09	3.70455E-06	3.70454847
578805.014141236.41	578805.01	4141236	0.046932949	0.029280864	0.017925489	0.016761828	0.000433266	0.000398186	0.015763161	0.000298479	4.65002E-07	3.99286E-06	1.24898E-09	4.45911E-06	4.459107449
578825.014141236.41	578825.01	4141236	0.057570543	0.03398622	0.021064753	0.019697302	0.000533816	0.000490595	0.017414861	0.000351506	5.62079E-07	4.66242E-06	1.47087E-09	5.22597E-06	5.225973729
578945.014141236.41	578945.01	4141236	0.125884866	0.043935145	0.025588516	0.023927398	0.001800321	0.001654555	0.013765285	0.000612421	1.09821E-06	5.62729E-06	2.56267E-09	6.72806E-06	6.728058402
578965.014141236.41	578965.01	4141236	0.13192774	0.041654458	0.023374341	0.02185696	0.002149324	0.0019753	0.012100442	0.000634406	1.13202E-06	5.19779E-06	2.65466E-09	6.33246E-06	6.332462184
578985.014141236.41	578985.01	4141236	0.135148375	0.038762718	0.020829763	0.019477566	0.002533873	0.002328713	0.010588876	0.00065009	1.14282E-06	4.70977E-06	2.72029E-09	5.8553E-06	5.855303197
579005.014141236.41	579005.01	4141236	0.133824613	0.035192013	0.018052734	0.016880813	0.002889064	0.002655145	0.009177921	0.000651414	1.11788E-06	4.17203E-06	2.72583E-09	5.29264E-06	5.292635534
579025.014141236.41	579025.01	4141236	0.128550258	0.031411433	0.015384229	0.014385538	0.00318211	0.002924464	0.007945217	0.000640263	1.06351E-06	3.64967E-06	2.67917E-09	4.71586E-06	4.715858478
579045.014141236.41	579045.01	4141236	0.119696566	0.027638847	0.012977465	0.012135013	0.003355524	0.003083838	0.006882158	0.000614855	9.83333E-07	3.16636E-06	2.57285E-09	4.15226E-06	4.152264465
579065.014141236.41	579065.01	4141236	0.108158031	0.024035195	0.010898852	0.010191336	0.003368722	0.003095966	0.005969748	0.000574849	8.84496E-07	2.73101E-06	2.40545E-09	3.61791E-06	3.617907047
579085.014141236.41	579085.01	4141236	0.095348205	0.020754148	0.009173174	0.008577684	0.003224817	0.002963713	0.005197348	0.000523619	7.77868E-07	2.34975E-06	2.19108E-09	3.12981E-06	3.129811268
579105.014141236.41	579105.01	4141236	0.082118497	0.017770431	0.007722307	0.007221002	0.002950445	0.002711556	0.004525496	0.000463961	6.6949E-07	2.01002E-06	1.94144E-09	2.68145E-06	2.681451741
579125.014141236.41	579125.01	4141236	0.069675064	0.01517263	0.006534452	0.006110258	0.002606748	0.002395687	0.003952283	0.000402793	5.68451E-07	1.71704E-06	1.68548E-09	2.28718E-06	2.287175437
579145.014141236.41	579145.01	4141236	0.058573034	0.012950811	0.005562824	0.005201705	0.002244088	0.002062391	0.003462719	0.00034459	4.78717E-07	1.4672E-06	1.44193E-09	1.94736E-06	1.947363226
579165.014141236.41	579165.01	4141236	0.049182418	0.011102714	0.0047785	0.004468296	0.001903636	0.001749504	0.003050451	0.000292952	4.02951E-07	1.25947E-06	1.22585E-09	1.66364E-06	1.663644058
579185.014141236.41	579185.01	4141236	0.041373622	0.009565917	0.004137849	0.003869234	0.001601537	0.001471865	0.002700083	0.00024848	3.39947E-07	1.08661E-06	1.03976E-09	1.42759E-06	1.427594898
579205.014141236.41	579205.01	4141236	0.035038991	0.008304728	0.003616823	0.003382031	0.001346734	0.001237693	0.002404604	0.000211468	2.88774E-07	9.44675E-07	8.84886E-10	1.23433E-06	1.234334467
579225.014141236.41	579225.01	4141236	0.029966039	0.007275459	0.003193095	0.002985811	0.001138432	0.001046257	0.00215638	0.000181274	2.47711E-07	8.28895E-07	7.58537E-10	1.07736E-06	1.077364874
579245.014141236.41	579245.01	4141236	0.025719166	0.006398166	0.002832171	0.002648316	0.000962096	0.000884198	0.00193801	0.000155695	2.13267E-07	7.30211E-07	6.51503E-10	9.4413E-07	0.944129746
578385.014141256.41	578385.01	4141256	0.001101665	0.000516734	0.00026461	0.000247432	1.89099E-05	1.73788E-05	0.000251135	6.52046E-06	1.01804E-08	6.16099E-08	2.72848E-11	7.18176E-08	0.071817586
578405.014141256.41	578405.01	4141256	0.00123126	0.000585131	0.000305413	0.000285587	2.09431E-05	1.92474E-05	0.000294133	7.28336E-06	1.14107E-08	7.10075E-08	3.04771E-11	8.24487E-08	0.082448663
578425.014141256.41	578425.01	4141256	0.001375555	0.000668548	0.00034802	0.000325427	2.28874E-05	2.10343E-05	0.000340917	8.20242E-06	1.28119E-08	8.09729E-08	3.43229E-11	9.38191E-08	0.093819141
578445.014141256.41	578445.01	4141256	0.001543937	0.000768116	0.000399311	0.000373389	2.50983E-05	2.30661E-05	0.000397841	9.28276E-06	1.44566E-08	9.29623E-08	3.88436E-11	1.07458E-07	0.107457752
578465.014141256.41	578465.01	4141256	0.001747149	0.000891344	0.000462934	0.000432882	2.76907E-05	2.54486E-05	0.000469129	1.0605E-05	1.64547E-08	1.07832E-07	4.43766E-11	1.24332E-07	0.124331514
578485.014141256.41	578485.01	4141256	0.001998422	0.001047519	0.000543681	0.000508387	3.07953E-05	2.83019E-05	0.00056007	1.22614E-05	1.89417E-08	1.26695E-07	5.13076E-11	1.45688E-07	0.14568773
578505.014141256.41	578505.01	4141256	0.002348304	0.001275886	0.000648927	0.0006068	3.46003E-05	3.17988E-05	0.000678799	1.43977E-05	2.24517E-08	1.51516E-07	6.02472E-11	1.74028E-07	0.17402781
578525.014141256.41	578525.01	4141256	0.002740706	0.001531871	0.000781211	0.000730497	3.90847E-05	3.59201E-05	0.00082826	1.73482E-05	2.63876E-08	1.82367E-07	7.25934E-11	2.08827E-07	0.208826746
578545.014141256.41	578545.01	4141256	0.003220069	0.001851489	0.000948154	0.000886603	4.43688E-05	4.07764E-05	0.001016431	2.06302E-05	3.12256E-08	2.21213E-07	8.63268E-11	2.52525E-07	0.25252524
578565.014141256.41	578565.01	4141256	0.003831741	0.002266152	0.001167822	0.001092011	5.08969E-05	4.67759E-05	0.001262371	2.48492E-05	3.74282E-08	2.72181E-07	1.03981E-10	3.09713E-07	0.309713249
578585.014141256.41	578585.01	4141256	0.004612813	0.002804285	0.001457422	0.001362811	5.8972E-05	5.41972E-05	0.001583855	3.02803E-05	4.53859E-08	3.3916E-07	1.26708E-10	3.84673E-07	0.38467281
578605.014141256.41	578605.01	4141256	0.005589181	0.003488176	0.001830882	0.001712028	6.87249E-05	6.31604E-05	0.001994996	3.71272E-05	5.53815E-08	4.25274E-07	1.55358E-10	4.80811E-07	0.480810697
578625.014141256.41	578625.01	4141256	0.006795449	0.004347461	0.002306311	0.002156593	8.03698E-05	7.38625E-05	0.002514227	4.56688E-05	6.77926E-08	5.34595E-07	1.91101E-10	6.02579E-07	0.602579109
578645.014141256.41	578645.01	4141256	0.008336785	0.005461439	0.002931763	0.002741443	9.48057E-05	8.71296E-05	0.003191587	5.66719E-05	8.372E-08	6.78006E-07	2.37143E-10	7.61963E-07	0.761962794
578665.014141256.41	578665.01	4141256	0.0103533	0.006937511	0.003773975	0.003528981	0.000113146	0.000103985	0.004094859	7.11721E-05	1.04638E-07	8.70529E-07	2.97819E-10	9.75465E-07	0.975465148
578685.014141256.41	578685.01	4141256	0.012912846	0.008830587	0.004872316	0.004556022	0.000135673	0.000124688	0.005254835	8.96736E-05	1.31273E-07	1.12067E-06	3.75238E-10	1.25232E-06	1.252319421
578705.014141256.41	578705.01	4141256	0.016231185	0.011285376	0.006327156	0.005916419	0.000163985	0.000150708	0.006751536	0.000113582	1.65807E-07	1.45029E-06	4.75282E-10	1.61658E-06	1.616575266

578725.014141256.41	578725.01	4141256	0.020414279	0.014337247	0.008179956	0.007648942	0.000198575	0.000182497	0.008578671	0.000143288	2.09156E-07	1.86716E-06	5.99585E-10	2.07692E-06	2.076920343
578745.014141256.41	578745.01	4141256	0.025767792	0.018101354	0.010531209	0.009847559	0.000241763	0.000222188	0.010757269	0.000180058	2.64025E-07	2.39145E-06	7.53449E-10	2.65623E-06	2.656232075
578765.014141256.41	578765.01	4141256	0.032651673	0.022636161	0.013450354	0.012577203	0.000296553	0.000272542	0.013237605	0.000224804	3.33263E-07	3.03541E-06	9.40688E-10	3.36961E-06	3.369612992
578785.014141256.41	578785.01	4141256	0.041422588	0.0278807	0.016918219	0.015819946	0.000366784	0.000337086	0.015860047	0.000277615	4.19183E-07	3.79131E-06	1.16168E-09	4.21166E-06	4.211657727
578805.014141256.41	578805.01	4141256	0.052270744	0.033570507	0.020749466	0.019402482	0.000456702	0.000419725	0.018327928	0.00033705	5.22021E-07	4.61583E-06	1.41038E-09	5.13927E-06	5.139265868
578965.014141256.41	578965.01	4141256	0.149725479	0.045540824	0.025345291	0.023699963	0.002451287	0.002252814	0.01259567	0.000710256	1.27727E-06	5.63954E-06	2.97206E-09	6.91978E-06	6.91977842
578985.014141256.41	578985.01	4141256	0.152372778	0.041798278	0.022131221	0.020694538	0.002909145	0.0026736	0.010867894	0.0007248	1.28026E-06	5.02379E-06	3.03292E-09	6.30709E-06	6.307089983
579005.014141256.41	579005.01	4141256	0.150515824	0.037673046	0.018923541	0.01769509	0.003362727	0.003090457	0.009376513	0.000728548	1.24909E-06	4.41075E-06	3.0486E-09	5.66288E-06	5.662883985
579025.014141256.41	579025.01	4141256	0.142838546	0.033159316	0.015820779	0.014793749	0.003702761	0.003402959	0.008039756	0.000711928	1.17421E-06	3.80452E-06	2.97905E-09	4.98171E-06	4.981707484
579045.014141256.41	579045.01	4141256	0.131109803	0.028812581	0.013142482	0.012289318	0.003881318	0.003567059	0.006917864	0.000678622	1.0708E-06	3.26515E-06	2.83968E-09	4.33879E-06	4.338790815
579065.014141256.41	579065.01	4141256	0.116441666	0.024742423	0.010896558	0.010189191	0.003842233	0.003531139	0.005966462	0.000627051	9.47355E-07	2.78813E-06	2.62389E-09	3.73811E-06	3.738110385
579085.014141256.41	579085.01	4141256	0.100748422	0.021107843	0.009078662	0.008489307	0.003604594	0.003312741	0.005169184	0.000562388	8.18385E-07	2.37593E-06	2.3533E-09	3.19667E-06	3.196669613
579105.014141256.41	579105.01	4141256	0.084970478	0.017835195	0.007566016	0.007074856	0.003216219	0.002955811	0.004474768	0.000488615	6.90362E-07	2.00934E-06	2.0446E-09	2.70175E-06	2.701747319
579125.014141256.41	579125.01	4141256	0.070790186	0.015071205	0.006363003	0.005949939	0.002772583	0.002548095	0.003893231	0.00041641	5.76066E-07	1.70107E-06	1.74246E-09	2.27888E-06	2.278875594
579145.014141256.41	579145.01	4141256	0.058702402	0.01277889	0.005404362	0.005053529	0.002337483	0.002148223	0.003405951	0.000350928	4.78911E-07	1.44522E-06	1.46846E-09	1.9256E-06	1.925595646
579165.014141256.41	579165.01	4141256	0.048782892	0.010905113	0.004638841	0.004337704	0.001948987	0.001791184	0.002998096	0.000294747	3.99215E-07	1.23563E-06	1.23336E-09	1.63608E-06	1.636075072
579185.014141256.41	579185.01	4141256	0.04079418	0.009379299	0.004022771	0.003761626	0.001620081	0.001488908	0.002655676	0.000248035	3.34959E-07	1.06469E-06	1.0379E-09	1.40068E-06	1.400682654
579205.014141256.41	579205.01	4141256	0.034351892	0.008125135	0.003518583	0.003290169	0.001347335	0.001238245	0.002364235	0.000209514	2.83039E-07	9.2407E-07	8.76707E-10	1.20799E-06	1.207986599
579225.014141256.41	579225.01	4141256	0.029195371	0.007096835	0.003104892	0.002903333	0.001126123	0.001034944	0.002116542	0.00017819	2.41377E-07	8.0876E-07	7.45634E-10	1.05088E-06	1.050882831
579245.014141256.41	579245.01	4141256	0.025033424	0.006245383	0.00276101	0.002581775	0.000946892	0.000870225	0.001903899	0.000152636	2.07658E-07	7.13267E-07	6.38702E-10	9.21563E-07	0.921563109
579265.014141256.41	579265.01	4141256	0.021631063	0.005531129	0.002470755	0.002310362	0.000800656	0.000735829	0.001719108	0.000131598	1.80014E-07	6.33113E-07	5.50672E-10	8.13678E-07	0.8136776
578385.014141276.41	578385.01	4141276	0.00112971	0.000527313	0.000270345	0.000252795	1.94169E-05	1.78448E-05	0.000254296	6.67918E-06	1.04284E-08	6.28917E-08	2.7949E-11	7.33481E-08	0.07334808
578405.014141276.41	578405.01	4141276	0.001221421	0.000576248	0.000301317	0.000281756	2.0917E-05	1.92234E-05	0.000288312	7.21039E-06	1.13014E-08	7.00241E-08	3.01718E-11	8.13557E-08	0.081355691
578425.014141276.41	578425.01	4141276	0.001360062	0.000656112	0.000341997	0.000319796	2.27933E-05	2.09478E-05	0.000333313	8.09105E-06	1.26465E-08	7.95519E-08	3.38569E-11	9.22322E-08	0.092232206
578445.014141276.41	578445.01	4141276	0.001549365	0.000756245	0.000392838	0.000367336	2.50146E-05	2.29893E-05	0.000390331	9.18036E-06	1.44447E-08	9.1469E-08	3.84151E-11	1.05952E-07	0.105952058
578465.014141276.41	578465.01	4141276	0.001726342	0.000876243	0.000454249	0.00042476	2.75391E-05	2.53093E-05	0.00046021	1.04668E-05	1.62394E-08	1.05862E-07	4.37981E-11	1.22146E-07	0.122145515
578485.014141276.41	578485.01	4141276	0.001997291	0.001029107	0.000532538	0.000497967	3.05601E-05	2.80857E-05	0.000549993	1.20847E-05	1.88542E-08	1.24207E-07	5.05684E-11	1.43112E-07	0.143111873
578505.014141276.41	578505.01	4141276	0.002303297	0.001223559	0.000632499	0.000591439	3.41717E-05	3.14049E-05	0.000665437	1.41161E-05	2.19013E-08	1.47617E-07	5.90688E-11	1.69577E-07	0.169577093
578525.014141276.41	578525.01	4141276	0.002688574	0.001504173	0.000762612	0.000713105	3.85568E-05	3.5435E-05	0.000816212	1.67172E-05	2.58919E-08	1.78352E-07	6.99527E-11	2.04313E-07	0.204313437
578545.014141276.41	578545.01	4141276	0.003164432	0.001827909	0.000929268	0.000868943	4.37678E-05	4.0224E-05	0.001009546	2.0355E-05	3.07223E-08	2.17311E-07	8.51752E-11	2.48119E-07	0.248118875
578565.014141276.41	578565.01	4141276	0.003766266	0.002246529	0.001147707	0.001073202	5.01129E-05	4.60554E-05	0.001261964	2.45816E-05	3.68709E-08	2.68241E-07	1.02862E-10	3.05215E-07	0.305215083
578585.014141276.41	578585.01	4141276	0.004551861	0.002803639	0.001443288	0.001349595	5.81044E-05	5.33998E-05	0.001600879	3.01536E-05	4.4943E-08	3.36931E-07	1.26177E-10	3.82E-07	0.381999687
578605.014141276.41	578605.01	4141276	0.005541573	0.003520154	0.001829489	0.001710725	6.77841E-05	6.22958E-05	0.00204031	3.72539E-05	5.51755E-08	4.26394E-07	1.55889E-10	4.81726E-07	0.481725823
578625.014141276.41	578625.01	4141276	0.006816822	0.004460838	0.002345189	0.002192948	7.98001E-05	7.33389E-05	0.002621816	4.64983E-05	6.84352E-08	5.45461E-07	1.94571E-10	6.14091E-07	0.614090693
578645.014141276.41	578645.01	4141276	0.008418206	0.005665823	0.003015788	0.002820013	9.4304E-05	8.66685E-05	0.003371434	5.82502E-05	8.51882E-08	6.99818E-07	2.43747E-10	7.8525E-07	0.78524968
578665.014141276.41	578665.01	4141276	0.010520891	0.007273036	0.003926374	0.003671487	0.000112691	0.000103567	0.004378351	7.3823E-05	1.07293E-07	9.08699E-07	3.08912E-10	1.0163E-06	1.016301312
578685.014141276.41	578685.01	4141276	0.013262389	0.009395853	0.005152575	0.004818087	0.000135798	0.000124803	0.005712574	9.42727E-05	1.36232E-07	1.18883E-06	3.94483E-10	1.32545E-06	1.32545453
578705.014141276.41	578705.01	4141276	0.01685654	0.012187864	0.006804224	0.006362517	0.000164994	0.000151635	0.007460534	0.000121056	1.7421E-07	1.56401E-06	5.06557E-10	1.73873E-06	1.738726716
578725.014141276.41	578725.01	4141276	0.021585943	0.015810089	0.009010615	0.008425677	0.000202061	0.000185701	0.00969058	0.000155745	2.2396E-07	2.06124E-06	6.51712E-10	2.28585E-06	2.285853542
578745.014141276.41	578745.01	4141276	0.027601338	0.020246458	0.011801204	0.01103511	0.000247658	0.000227606	0.012324038	0.000198354	2.86503E-07	2.68378E-06	8.30011E-10	2.97111E-06	2.971110263
578765.014141276.41	578765.01	4141276	0.035542894	0.025699257	0.015352602	0.014355964	0.000306745	0.000281909	0.015372799	0.000251221	3.67332E-07	3.46652E-06	1.05123E-09	3.83491E-06	3.834907304
578785.014141276.41	578785.01	4141276	0.04571232	0.031974599	0.019564479	0.01829442	0.000382453	0.000351487	0.018554716	0.000313298	4.67791E-07	4.38253E-06	1.31099E-09	4.85163E-06	4.851628622
578985.014141276.41	578985.01	4141276	0.173237584	0.045142473	0.023444805	0.021922849	0.00338253	0.003108657	0.011111549	0.000814525	1.44532E-06	5.35274E-06	3.40837E-09	6.80148E-06	6.801477817
579005.014141276.41	579005.01	4141276	0.169603626	0.040118145	0.019616999	0.018343531	0.00394052	0.003621467	0.00948961	0.000816473	1.39744E-06	4.62588E-06	3.41652E-09	6.02674E-06	6.02674355
579025.014141276.41	579025.01	4141276	0.159650191	0.035016861	0.016186743	0.015135955	0.004370927	0.004017026	0.008117522	0.000798781	1.3036E-06	3.96297E-06	3.34249E-09	5.26991E-06	5.269912254
579045.014141276.41	579045.01	4141276	0.14392551	0.029981713	0.013218682	0.012360571	0.004537703	0.004170299	0.006934919	0.000753945	1.16837E-06	3.36121E-06	3.15487E-09	4.53274E-06	4.532742349
579065.014141276.41	579065.01	4141276	0.125375875	0.02542478	0.010836458	0.010132993	0.004412583	0.004055309	0.005955791	0.000687302	1.01481E-06	2.84463E-06	2.87601E-09	3.86231E-06	3.862312789
579085.014141276.41	579085.01	4141276	0.105554609	0.021282914	0.008882305	0.008305696	0.004018365	0.00369301	0.005110789	0.000601505	8.53843E-07	2.38467E-06	2.51699E-09	3.24103E-06	3.241026045
579105.014141276.41	579105.01	4141276	0.087293678	0.017802652	0.007367159	0.006888909	0.003489938	0.003207368	0.004414684	0.0005125	7.06997E-07	2.00055E-06	2.14455E-09	2.70969E-06	2.70969435
579125.014141276.41	579125.01	4141276	0.071456591	0.014912931	0.006175576	0.005774679	0.002931076	0.002693755	0.003833053	0.000428538	5.80196E-07	1.6808E-06	1.79321E-09	2.26279E-06	2.262793996
579145.014141276.41	579145.01	4141276	0.05852633	0.012579351	0.005244014	0.004903591	0.002420309	0.002224344	0.003352032	0.000355923	4.7678E-07	1.42155E-06	1.48936E-09	1.89982E-06	1.899819897
579165.014141276.41	579165.01	4141276	0.048108798	0.010682318	0.004498691	0.004206652	0.001981204	0.001820792	0.002946899	0.000295036	3.93388E-07	1.21007E-06	1.23457E-09	1.60469E-06	1.604692725
579185.014141276.41	579185.01	4141276	0.039881252	0.009151819	0.00390036	0.003647162	0.001621503	0.001490215	0.002606545	0.000245578	3.27387E-07	1.03907E-06	1.02762E-09	1.36749E-06	1.367488878
579205.014141276.41	579205.01	4141276	0.033414425	0.007915017	0.003415918	0.003194168	0.001333751	0.001225761	0.002319359	0.000205941	2.75365E-07	9.00728E-07	8.61758E-10	1.17695E-06	1.17695488
579225.014141276.41	579225.01	4141276	0.028312524	0.006908924	0.003019311	0.002823308	0.00110553	0.001016019	0.002075672	0.000174257	2.34193E-07	7.88098E-07	7.29174E-10	1.02302E-06	1.023019871
579245.014141276.41	579245.01	4141276	0.024233694	0.006079356	0.002689317	0.002514736	0.00092355	0.000848773	0.00186644	0.000148714	2.01168E-07	6.9514E-07	6.2229E-10	8.9693E-07	0.896930308
579265.014141276.41	579265.01	4141276	0.02099734	0.005399583	0.002416022	0.002259182	0.000780539	0.000717341	0.001688502	0.000128332	1.74871E-07	6.1893E-07	5.37002E-10	7.94339E-07	0.794338704
578385.014141296.41	578385.01	4141296	0.001104605	0.000506801	0.000266658	0.000249347	1.93751E-05	1.78064E-05	0.000248318	6.46286E-06	1.01588E-08	6.18566E-08	2.70438E-11	7.20424E-08	0.072042429
578405.014141296.41	578405.01	4141296	0.001246413	0.000588927	0.000302054	0.000282446	2.1126E-05	1.94155E-05	0.000286747	7.396E-06	1.15365E-08	7.02716E-08	3.09485E-11	8.18391E-08	0.081839082
578425.014141296.41	578425.01	4141296	0.001351807	0.000646987	0.00033786	0.000315927	2.27985E-05	2.09526E-05	0.000326898	8.02321E-06	1.25476E-08	7.85469E-08	3.3573E-11	9.11281E-08	0.091128064
578445.014141296.41	578445.01	4141296	0.001512047	0.00074171	0.000385833	0.000360786	2.49258E-05	2.29076E-05	0.000381193	9.05363E-06	1.41126E-08	8.981E-08	3.78848E-11	1.03961E-07	0.103960531
578465.014141296.41	578465.01	4141296	0.001732561	0.000862031	0.000446629	0.000417635	2.74659E-05	2.52421E-05	0.000450979	1.03477E-05	1.62231E-08	1.04095E-07	4.33E-11	1.20361E-07	0.120361127
578485.014141296.41	578485.01	4141296	0.001974448	0.001033064	0.000522705	0.000488773	3.04346E-05	2.79704E-05	0.000539603	1.19375E-05	1.87063E-08	1.22192E-07	4.99525E-11	1.40948E-07	0.14094842
578505.014141296.41	578505.01	4141296	0.002269937	0.00122582	0.000618856	0.000578682	3.3926E-05	3.11791E-05	0.000653107	1.39075E-05	2.16702E-08	1.44833E-07	5.81958E-11	1.66561E-07	0.166560885
578525.014141296.41	578525.01	4141296	0.002641305	0.001475344	0.000744217	0.000695905	3.81491E-05	3.50603E-05	0.000802129	1.64317E-05	2.54264E-08	1.74324E-07	6.87583E-11	1.99819E-07	0.199818726
578545.014141296.41	578545.01	4141296	0.003107664	0.001798354	0.000907842	0.000848908	4.32346E-05	3.97341E-05	0.000997686	2.00427E-05	3.01851E-08	2.12769E-07	8.38683E-11	2.43038E-07	0.243038408
578565.014141296.41	578565.01	4141296	0.003701581	0.002221576	0.001124888	0.001051864	4.94543E-05	4.54502E-05	0.001256988	2.42872E-05	3.62964E-08	2.63655E-07	1.0163E-10	3.00053E-07	0.300052889
578585.014141296.41	578585.01	4141296	0.004469535	0.002783209	0.001417355	0.001325346	5.71584E-05	5.25304E-05	0.001604916	2.98579E-05	4.42606E-08	3.32024E-07	1.2494E-10	3.76409E-07	0.376409059
578605.014141296.41	578605.01	4141296	0.005472139	0.003534044	0.001815601	0.001697739	6.67963E-05	6.1388E-05	0.002074952	3.72283E-05	5.47339E-08	4.24791E-07	1.55781E-10	4.79681E-07	0.479680652

578625.014141296.41	578625.01	4141296	0.006783123	0.004538602	0.002358586	0.002205474	7.88593E-05	7.24743E-05	0.002710222	4.69949E-05	6.85268E-08	5.5082E-07	1.9665E-10	6.19543E-07	0.619543328
578645.014141296.41	578645.01	4141296	0.00848436	0.005872711	0.003093298	0.002892492	9.38284E-05	8.62314E-05	0.003561702	5.98502E-05	8.6557E-08	7.20741E-07	2.50443E-10	8.07549E-07	0.807548746
578665.014141296.41	578665.01	4141296	0.010666656	0.007623098	0.004075045	0.003810508	0.000112179	0.000103096	0.004686504	7.65828E-05	1.09854E-07	9.46959E-07	3.2046E-10	1.05713E-06	1.057133485
578685.014141296.41	578685.01	4141296	0.013592481	0.010006744	0.005442625	0.005089309	0.000135772	0.000124779	0.00622661	9.92188E-05	1.41247E-07	1.26063E-06	4.1518E-10	1.4023E-06	1.402295274
578705.014141296.41	578705.01	4141296	0.017498179	0.013209784	0.007331026	0.006855121	0.00016593	0.000152495	0.008291204	0.000129479	1.83244E-07	1.69103E-06	5.41802E-10	1.87482E-06	1.874816134
578725.014141296.41	578725.01	4141296	0.02270491	0.017428607	0.009903176	0.009260296	0.000204419	0.000187867	0.010966814	0.000169229	2.39011E-07	2.27206E-06	7.08135E-10	2.51178E-06	2.511777976
578745.014141296.41	578745.01	4141296	0.029652909	0.02283142	0.013328311	0.012463083	0.0002538	0.00023325	0.014269996	0.000220224	3.12451E-07	3.0368E-06	9.21523E-10	3.35017E-06	3.350172749
579005.014141296.41	579005.01	4141296	0.192591133	0.042718127	0.020189726	0.018879079	0.004691533	0.004311674	0.009568095	0.000923569	1.57463E-06	4.83828E-06	3.86466E-09	6.41678E-06	6.416775928
579025.014141296.41	579025.01	4141296	0.178690611	0.036779603	0.016346311	0.015285165	0.005218628	0.004796091	0.008137143	0.000900853	1.44868E-06	4.10066E-06	3.76961E-09	5.55311E-06	5.553111375
579045.014141296.41	579045.01	4141296	0.157976434	0.031067509	0.013160099	0.01230579	0.005359188	0.00492527	0.006923528	0.000842486	1.27451E-06	3.44883E-06	3.52537E-09	4.72686E-06	4.726858331
579065.014141296.41	579065.01	4141296	0.133649333	0.025817398	0.010594012	0.009906285	0.005063962	0.004653948	0.005891357	0.000750218	1.07624E-06	2.87236E-06	3.13928E-09	3.95174E-06	3.951736441
579085.014141296.41	579085.01	4141296	0.109924291	0.021358014	0.008636089	0.008075464	0.004472073	0.004109982	0.005045948	0.000642391	8.85718E-07	2.38742E-06	2.68808E-09	3.27582E-06	3.275823122
579105.014141296.41	579105.01	4141296	0.089044106	0.017692425	0.007143354	0.006679632	0.003765365	0.003460494	0.00435269	0.000535291	7.19161E-07	1.98658E-06	2.23992E-09	2.70798E-06	2.707977218
579125.014141296.41	579125.01	4141296	0.071595797	0.014698533	0.005978235	0.005590149	0.00307429	0.002825374	0.003773218	0.000438498	5.80278E-07	1.65655E-06	1.83489E-09	2.23866E-06	2.238664083
579145.014141296.41	579145.01	4141296	0.057619622	0.012287754	0.00506134	0.004732775	0.002470971	0.002270903	0.00328766	0.000356916	4.68977E-07	1.38921E-06	1.49351E-09	1.85968E-06	1.859678215
579165.014141296.41	579165.01	4141296	0.047005097	0.010411798	0.004352191	0.004069662	0.001990623	0.001829448	0.002891289	0.000292723	3.84253E-07	1.18034E-06	1.2249E-09	1.56581E-06	1.565814659
579185.014141296.41	579185.01	4141296	0.03869025	0.008896238	0.003777416	0.003532199	0.001605588	0.001475588	0.002554284	0.000241256	3.17687E-07	1.01115E-06	1.00953E-09	1.32985E-06	1.329850426
579205.014141296.41	579205.01	4141296	0.032302809	0.007688426	0.003314892	0.003099701	0.001307513	0.001201648	0.002271855	0.000201062	2.66363E-07	8.76101E-07	8.4134E-10	1.14331E-06	1.14330504
579225.014141296.41	579225.01	4141296	0.027338756	0.006714069	0.002937048	0.002746385	0.001076606	0.000989437	0.002033018	0.000169509	2.26322E-07	7.67035E-07	7.09308E-10	9.94066E-07	0.994066191
579245.014141296.41	579245.01	4141296	0.023389634	0.005910584	0.00262086	0.002450723	0.000894579	0.000822147	0.001827197	0.00014426	1.94346E-07	6.76928E-07	6.03656E-10	8.71878E-07	0.871878161
579265.014141296.41	579265.01	4141296	0.020311033	0.005260931	0.002361044	0.002207773	0.000755085	0.000693948	0.001654423	0.000124524	1.69319E-07	6.03975E-07	5.21068E-10	7.73815E-07	0.773814726
579285.014141296.41	579285.01	4141296	0.017809839	0.004715611	0.002139573	0.002000679	0.000643711	0.000591592	0.001504368	0.000108484	1.4891E-07	5.42606E-07	4.53948E-10	6.9197E-07	0.691969937
578385.014141316.41	578385.01	4141316	0.001109016	0.000505186	0.000266781	0.000249462	1.95162E-05	1.7936E-05	0.000245564	6.47566E-06	1.01837E-08	6.18077E-08	2.70973E-11	7.20185E-08	0.072018512
578405.014141316.41	578405.01	4141316	0.001217689	0.000565508	0.000297548	0.000278232	2.10633E-05	1.93579E-05	0.000279143	7.15407E-06	1.12282E-08	6.90148E-08	2.99361E-11	8.0273E-08	0.080272962
578425.014141316.41	578425.01	4141316	0.001382227	0.000661927	0.000339662	0.000317613	2.30808E-05	2.1212E-05	0.000325646	8.2357E-06	1.28316E-08	7.90264E-08	3.44622E-11	9.18925E-08	0.091892476
578445.014141316.41	578445.01	4141316	0.001528897	0.000749381	0.000382637	0.000357798	2.50146E-05	2.29893E-05	0.000374872	9.01523E-06	1.42673E-08	8.91608E-08	3.77241E-11	1.03466E-07	0.103465874
578465.014141316.41	578465.01	4141316	0.001714016	0.000844669	0.000438476	0.000410012	2.73823E-05	2.51652E-05	0.000439713	1.02005E-05	1.60144E-08	1.02146E-07	4.2684E-11	1.18203E-07	0.118202812
578485.014141316.41	578485.01	4141316	0.001949004	0.000990588	0.000511685	0.000478468	3.02883E-05	2.78359E-05	0.000526084	1.17481E-05	1.83397E-08	1.194E-07	4.91597E-11	1.37789E-07	0.1377892
578505.014141316.41	578505.01	4141316	0.0022411	0.001202079	0.000605952	0.000566615	3.3764E-05	3.10302E-05	0.000639181	1.39792E-05	2.13597E-08	1.41881E-07	5.84957E-11	1.633E-07	0.163299622
578525.014141316.41	578525.01	4141316	0.002602291	0.001447162	0.000727257	0.000680046	3.78878E-05	3.48201E-05	0.000786858	1.6497E-05	2.50233E-08	1.70547E-07	6.90315E-11	1.9564E-07	0.195639832
578545.014141316.41	578545.01	4141316	0.00305508	0.00176581	0.000885883	0.000828375	4.2827E-05	3.93594E-05	0.000982101	1.97227E-05	2.96652E-08	2.0802E-07	8.25292E-11	2.37767E-07	0.237767356
578565.014141316.41	578565.01	4141316	0.003638707	0.00219081	0.001099652	0.001028266	4.8916E-05	4.49554E-05	0.001246536	2.39634E-05	3.57099E-08	2.58445E-07	1.00275E-10	2.94255E-07	0.294255418
578585.014141316.41	578585.01	4141316	0.004395126	0.002760275	0.001390194	0.001299947	5.64371E-05	5.18675E-05	0.001605855	2.95725E-05	4.36245E-08	3.26814E-07	1.23746E-10	3.70562E-07	0.370562152
578605.014141316.41	578605.01	4141316	0.005397617	0.00353792	0.001794339	0.001677857	6.59443E-05	6.0605E-05	0.002103117	3.71413E-05	5.42125E-08	4.21599E-07	1.55417E-10	4.75967E-07	0.475967351
578625.014141316.41	578625.01	4141316	0.006719004	0.004593594	0.002354161	0.002201337	7.78506E-05	7.15472E-05	0.002786454	4.73008E-05	6.83007E-08	5.52402E-07	1.9793E-10	6.209E-07	0.620900154
578645.014141316.41	578645.01	4141316	0.008487865	0.006045682	0.003141435	0.002937504	9.30026E-05	8.54724E-05	0.003737762	6.11341E-05	8.73273E-08	7.35599E-07	2.55815E-10	8.23182E-07	0.823181805
578665.014141316.41	578665.01	4141316	0.010806541	0.008002391	0.004225478	0.003951175	0.000111829	0.000102774	0.005031897	7.96011E-05	1.12497E-07	9.86797E-07	3.3309E-10	1.09963E-06	1.099627424
578685.014141316.41	578685.01	4141316	0.013904367	0.010674727	0.005743409	0.005370567	0.000135709	0.000124721	0.006810807	0.000104626	1.46376E-07	1.33674E-06	4.37805E-10	1.48355E-06	1.483551396
578705.014141316.41	578705.01	4141316	0.018123308	0.014352752	0.007898919	0.007386148	0.000166604	0.000153114	0.009257909	0.000138852	1.92681E-07	1.83014E-06	5.81026E-10	2.02341E-06	2.023406803
578725.014141316.41	578725.01	4141316	0.023888222	0.019328789	0.010932077	0.010222404	0.000206697	0.000189962	0.012519594	0.000184981	2.5574E-07	2.51744E-06	7.74049E-10	2.77396E-06	2.773958375
579025.014141316.41	579025.01	4141316	0.200386246	0.038433975	0.016271504	0.015215215	0.006325774	0.005813594	0.008109573	0.001024003	1.61246E-06	4.22116E-06	4.28493E-09	5.83791E-06	5.83790731
579045.014141316.41	579045.01	4141316	0.172530243	0.031905717	0.012887992	0.012051348	0.006379728	0.00586318	0.006863381	0.000944084	1.38321E-06	3.51512E-06	3.95051E-09	4.90228E-06	4.902277618
579065.014141316.41	579065.01	4141316	0.142006925	0.026138631	0.010296342	0.009627939	0.005836974	0.005364372	0.005827923	0.000822026	1.13797E-06	2.9023E-06	3.43976E-09	4.0437E-06	4.043703809
579085.014141316.41	579085.01	4141316	0.113739974	0.021349696	0.00836005	0.007817344	0.004959994	0.004558398	0.004982515	0.000684698	9.13234E-07	2.38757E-06	2.86511E-09	3.30367E-06	3.303671854
579105.014141316.41	579105.01	4141316	0.089947987	0.017483599	0.00689677	0.006449055	0.004023832	0.003698034	0.00428738	0.00055507	7.24789E-07	1.96557E-06	2.32268E-09	2.69268E-06	2.692678888
579125.014141316.41	579125.01	4141316	0.070864369	0.014386749	0.0057625	0.005388419	0.003180663	0.002923134	0.003705905	0.000443908	5.73653E-07	1.62386E-06	1.85753E-09	2.19937E-06	2.199367209
579145.014141316.41	579145.01	4141316	0.056272225	0.011962322	0.004883459	0.004566441	0.00249564	0.002293576	0.003224164	0.000355199	4.57846E-07	1.35464E-06	1.48632E-09	1.81398E-06	1.813976106
579165.014141316.41	579165.01	4141316	0.045494407	0.010101143	0.004204749	0.003931791	0.00197429	0.001814437	0.002831079	0.000287681	3.72007E-07	1.14717E-06	1.2038E-09	1.52038E-06	1.520375869
579185.014141316.41	579185.01	4141316	0.037339461	0.008631775	0.003661724	0.003424017	0.001575629	0.001448055	0.002501553	0.00023559	3.06794E-07	9.82952E-07	9.85825E-10	1.29073E-06	1.290731887
579205.014141316.41	579205.01	4141316	0.031092696	0.007456021	0.003219356	0.003010366	0.001270812	0.001167918	0.002222504	0.000195198	2.56624E-07	8.5125E-07	8.16803E-10	1.10869E-06	1.108690757
579225.014141316.41	579225.01	4141316	0.026321678	0.006517599	0.00285921	0.0026736	0.001040799	0.000956528	0.001988362	0.000164137	2.18132E-07	7.45974E-07	6.86828E-10	9.64793E-07	0.964793085
579245.014141316.41	579245.01	4141316	0.022636381	0.005762161	0.00256326	0.002396862	0.00086647	0.000796314	0.001791522	0.000140093	1.88268E-07	6.61075E-07	5.86216E-10	8.49929E-07	0.849928915
579265.014141316.41	579265.01	4141316	0.019711461	0.005139803	0.002314464	0.002164217	0.000731095	0.0006719	0.00162316	0.000121023	1.64468E-07	5.90949E-07	5.06418E-10	7.55923E-07	0.755922661
579285.014141316.41	579285.01	4141316	0.01732075	0.004613702	0.00210008	0.00196375	0.000623008	0.000572565	0.001476109	0.000105492	1.44939E-07	5.31488E-07	4.41431E-10	6.76868E-07	0.676868044
578385.014141336.41	578385.01	4141336	0.001119646	0.000506801	0.000268706	0.000251263	1.97201E-05	1.81234E-05	0.000244156	6.52302E-06	1.02674E-08	6.21593E-08	2.72955E-11	7.2454E-08	0.072454035
578405.014141336.41	578405.01	4141336	0.001224588	0.000564459	0.000298244	0.000278883	2.12358E-05	1.95164E-05	0.000276201	7.17583E-06	1.12735E-08	6.90743E-08	3.00272E-11	8.03778E-08	0.080377808
578425.014141336.41	578425.01	4141336	0.001350111	0.000635359	0.000334295	0.000312594	2.29919E-05	2.11303E-05	0.000316164	7.96689E-06	1.24853E-08	7.75311E-08	3.33374E-11	9.00497E-08	0.09004968
578445.014141336.41	578445.01	4141336	0.001529236	0.000742437	0.000380917	0.000356189	2.51453E-05	2.31094E-05	0.000368894	9.1522E-06	1.42398E-08	8.86406E-08	3.82973E-11	1.02919E-07	0.102918738
578465.014141336.41	578465.01	4141336	0.001729508	0.000863404	0.000440893	0.000412272	2.77429E-05	2.54967E-05	0.000438148	1.04629E-05	1.6207E-08	1.02776E-07	4.37821E-11	1.19027E-07	0.119027017
578485.014141336.41	578485.01	4141336	0.001934077	0.000993415	0.000503901	0.00047119	3.02831E-05	2.78311E-05	0.000513942	1.16188E-05	1.82441E-08	1.17713E-07	4.86188E-11	1.36006E-07	0.13600601
578505.014141336.41	578505.01	4141336	0.002210681	0.001174461	0.000592268	0.00055382	3.3602E-05	3.08813E-05	0.000621563	1.34723E-05	2.10211E-08	1.38656E-07	5.63746E-11	1.59734E-07	0.159733666
578525.014141336.41	578525.01	4141336	0.002563842	0.001414861	0.00070964	0.000663573	3.76683E-05	3.46184E-05	0.000767362	1.62064E-05	2.46066E-08	1.66508E-07	6.78156E-11	1.91182E-07	0.191182435
578545.014141336.41	578545.01	4141336	0.003012786	0.00173359	0.000865809	0.000809604	4.2597E-05	3.9148E-05	0.000964577	1.94295E-05	2.92211E-08	2.03584E-07	8.13027E-11	2.32887E-07	0.232886753
578565.014141336.41	578565.01	4141336	0.003575606	0.002151645	0.001071548	0.001001987	4.84717E-05	4.45471E-05	0.001228292	2.35858E-05	3.50856E-08	2.52443E-07	9.86944E-11	2.87627E-07	0.287627247
578585.014141336.41	578585.01	4141336	0.004315515	0.002723775	0.001356519	0.001268458	5.57994E-05	5.12815E-05	0.001595684	2.9191E-05	4.28924E-08	3.20013E-07	1.22149E-10	3.63028E-07	0.363027628
578605.014141336.41	578605.01	4141336	0.005305227	0.003519185	0.001759681	0.001645448	6.50976E-05	5.98268E-05	0.00211504	3.6875E-05	5.34647E-08	4.15339E-07	1.54303E-10	4.68958E-07	0.468957888
578625.014141336.41	578625.01	4141336	0.006637923	0.004630256	0.002335111	0.002183524	7.69255E-05	7.0697E-05	0.002852015	4.74737E-05	6.78731E-08	5.50885E-07	1.98653E-10	6.18956E-07	0.618956377
578645.014141336.41	578645.01	4141336	0.008409159	0.006162289	0.003146802	0.002942522	9.17168E-05	8.42908E-05	0.003882497	6.19124E-05	8.72612E-08	7.41288E-07	2.59072E-10	8.28808E-07	0.828808476
578665.014141336.41	578665.01	4141336	0.010876654	0.008362304	0.004344899	0.004062843	0.00011116	0.00010216	0.005382953	8.24338E-05	1.14554E-07	1.02093E-06	3.44943E-10	1.13582E-06	1.135824802

578685.014141336.41	578685.01	4141336	0.014164573	0.011385105	0.006037761	0.005645811	0.000135438	0.000124472	0.007462099	0.000110364	1.51314E-07	1.41378E-06	4.61817E-10	1.56556E-06	1.565560748
578705.014141336.41	578705.01	4141336	0.018755222	0.01567176	0.008527812	0.007974216	0.00016733	0.000153782	0.010416196	0.000149675	2.02925E-07	1.98696E-06	6.26313E-10	2.19051E-06	2.19051412
579025.014141336.41	579025.01	4141336	0.225987917	0.040132277	0.016025453	0.014985136	0.007849356	0.007213816	0.008074743	0.001182531	1.80464E-06	4.35516E-06	4.94829E-09	6.16474E-06	6.164742294
579045.014141336.41	579045.01	4141336	0.1882962	0.032682231	0.012514613	0.011702208	0.007697454	0.007074214	0.006802389	0.001069131	1.50039E-06	3.59399E-06	4.47377E-09	5.09885E-06	5.098852159
579065.014141336.41	579065.01	4141336	0.149906075	0.0263393	0.009939842	0.009294581	0.006730779	0.006185808	0.005762488	0.000901747	1.19587E-06	2.93311E-06	3.77335E-09	4.13275E-06	4.132754177
579085.014141336.41	579085.01	4141336	0.116320101	0.021188676	0.008043698	0.007521529	0.005445119	0.005004243	0.004911759	0.000724184	9.31171E-07	2.37837E-06	3.03034E-09	3.31257E-06	3.312566413
579105.014141336.41	579105.01	4141336	0.089496895	0.017127401	0.006622082	0.006192199	0.004229374	0.003886934	0.004210803	0.000568117	7.19997E-07	1.93204E-06	2.37728E-09	2.65441E-06	2.65441214
579125.014141336.41	579125.01	4141336	0.069303696	0.013999541	0.005544184	0.005184275	0.003241527	0.00297907	0.003634492	0.000444369	5.60717E-07	1.58497E-06	1.85946E-09	2.14755E-06	2.147551079
579145.014141336.41	579145.01	4141336	0.054588855	0.011620013	0.004718605	0.00441229	0.002494997	0.002292985	0.003162765	0.000351039	4.44217E-07	1.31963E-06	1.46892E-09	1.76531E-06	1.765313683
579165.014141336.41	579165.01	4141336	0.043762863	0.00977878	0.004067425	0.003803382	0.001937729	0.001780837	0.0027699	0.000280743	3.58115E-07	1.11353E-06	1.17477E-09	1.47282E-06	1.472822219
579185.014141336.41	579185.01	4141336	0.035859869	0.008359801	0.003552791	0.003322156	0.001531401	0.001407408	0.002446163	0.000228598	2.94939E-07	9.54314E-07	9.56564E-10	1.25021E-06	1.250209063
579205.014141336.41	579205.01	4141336	0.029855556	0.007225877	0.003130579	0.002927352	0.00122626	0.001126974	0.002171463	0.00018867	2.467E-07	8.2677E-07	7.89486E-10	1.07426E-06	1.074259367
579225.014141336.41	579225.01	4141336	0.025430802	0.006347292	0.002794317	0.002612919	0.001006742	0.000925229	0.00194793	0.000159185	2.10966E-07	7.27822E-07	6.6611E-10	9.39454E-07	0.939453608
579245.014141336.41	579245.01	4141336	0.021923273	0.005621329	0.002509633	0.002346716	0.000836908	0.000769146	0.00175519	0.000135869	1.82512E-07	6.45848E-07	5.6854E-10	8.28929E-07	0.828929362
579265.014141336.41	579265.01	4141336	0.019128513	0.005019967	0.002268088	0.002120852	0.000705479	0.000648359	0.001589738	0.000117393	1.59742E-07	5.77746E-07	4.91228E-10	7.37979E-07	0.737979026
579285.014141336.41	579285.01	4141336	0.016863325	0.004515345	0.002060874	0.001927089	0.00060228	0.000553515	0.001446787	0.000102537	1.41213E-07	5.20428E-07	4.29063E-10	6.62069E-07	0.662069361
578385.014141356.41	578385.01	4141356	0.001149952	0.000512777	0.000272762	0.000255055	2.00075E-05	1.83876E-05	0.000244594	6.61902E-06	1.0512E-08	6.29973E-08	2.76972E-11	7.3537E-08	0.073536994
578405.014141356.41	578405.01	4141356	0.001257156	0.00057003	0.000302218	0.000282599	2.15337E-05	1.97902E-05	0.000276076	7.27184E-06	1.15327E-08	6.98801E-08	3.04289E-11	8.14433E-08	0.081443257
578425.014141356.41	578425.01	4141356	0.001384036	0.000650702	0.00033786	0.000315927	2.33003E-05	2.14137E-05	0.000315131	8.05649E-06	1.27963E-08	7.83421E-08	3.37123E-11	9.11722E-08	0.091172156
578445.014141356.41	578445.01	4141356	0.001531724	0.00073638	0.000380302	0.000355614	2.52916E-05	2.32438E-05	0.00036298	8.98067E-06	1.42317E-08	8.83331E-08	3.75795E-11	1.02602E-07	0.102602423
578465.014141356.41	578465.01	4141356	0.001711301	0.000844265	0.000433314	0.000405185	2.76436E-05	2.54054E-05	0.000424379	1.01289E-05	1.59931E-08	1.00848E-07	4.23841E-11	1.16883E-07	0.116883455
578485.014141356.41	578485.01	4141356	0.001950022	0.000992365	0.000506195	0.000473335	3.06646E-05	2.81818E-05	0.000510625	1.18838E-05	1.83547E-08	1.18075E-07	4.97275E-11	1.36479E-07	0.136479316
578505.014141356.41	578505.01	4141356	0.002216335	0.001166144	0.000590343	0.00055202	3.38894E-05	3.11455E-05	0.000614083	1.37053E-05	2.10261E-08	1.38063E-07	5.73495E-11	1.59147E-07	0.159146894
578525.014141356.41	578525.01	4141356	0.002534554	0.001384175	0.000694892	0.000649782	3.75638E-05	3.45223E-05	0.000746864	1.59479E-05	2.42629E-08	1.62992E-07	6.67336E-11	1.87321E-07	0.187321349
578545.014141356.41	578545.01	4141356	0.00296744	0.001693053	0.000843645	0.000788879	4.23618E-05	3.89319E-05	0.000939322	1.90724E-05	2.8719E-08	1.98489E-07	7.98083E-11	2.27288E-07	0.227288179
578565.014141356.41	578565.01	4141356	0.003527997	0.00211353	0.001046681	0.000978734	4.82627E-05	4.4355E-05	0.001207669	2.32504E-05	3.45777E-08	2.47003E-07	9.72911E-11	2.81678E-07	0.281677722
578585.014141356.41	578585.01	4141356	0.004242802	0.002679927	0.001321286	0.001235513	5.535E-05	5.08684E-05	0.001577189	2.87763E-05	4.21785E-08	3.12664E-07	1.20414E-10	3.54963E-07	0.354963339
578605.014141356.41	578605.01	4141356	0.005213403	0.003486884	0.001718508	0.001606949	6.44338E-05	5.92168E-05	0.002114946	3.65281E-05	5.26626E-08	4.07475E-07	1.52852E-10	4.6029E-07	0.460290196
578625.014141356.41	578625.01	4141356	0.006522803	0.004629529	0.002292136	0.002143339	7.59272E-05	6.97796E-05	0.00289154	4.73405E-05	6.70388E-08	5.43984E-07	1.98096E-10	6.11221E-07	0.611220502
578645.014141356.41	578645.01	4141356	0.008314394	0.006265571	0.00313443	0.002930953	9.06192E-05	8.3282E-05	0.004023602	6.26164E-05	8.70218E-08	7.43556E-07	2.62017E-10	8.30839E-07	0.830839338
578665.014141356.41	578665.01	4141356	0.010830741	0.008658584	0.004404261	0.004118352	0.000109885	0.000100988	0.005707629	8.46943E-05	1.15498E-07	1.04279E-06	3.54402E-10	1.15864E-06	1.158642741
578685.014141356.41	578685.01	4141356	0.014364845	0.0121445	0.006318594	0.005908413	0.000135035	0.000124102	0.008193097	0.000116511	1.56031E-07	1.49088E-06	4.87537E-10	1.6474E-06	1.647403606
579025.014141356.41	579025.01	4141356	0.256407876	0.041907455	0.015612746	0.01459922	0.010030201	0.009218085	0.008042666	0.001396011	2.03194E-06	4.52966E-06	5.84159E-09	6.56744E-06	6.567436095
579045.014141356.41	579045.01	4141356	0.204911532	0.033372583	0.012053318	0.011270858	0.009399839	0.008638762	0.006743869	0.001224355	1.62334E-06	3.69697E-06	5.1233E-09	5.32543E-06	5.325427222
579065.014141356.41	579065.01	4141356	0.156220577	0.02631887	0.009515418	0.008897709	0.007696383	0.007073229	0.005684972	0.000983403	1.24138E-06	2.95666E-06	4.11504E-09	4.20215E-06	4.202150924
579085.014141356.41	579085.01	4141356	0.116828075	0.020809867	0.00768687	0.007187865	0.005861686	0.005387082	0.004825074	0.000754271	9.33207E-07	2.35189E-06	3.15624E-09	3.28825E-06	3.288251744
579105.014141356.41	579105.01	4141356	0.087566323	0.016636831	0.006338341	0.005926877	0.004354406	0.004001842	0.00412415	0.000572412	7.03944E-07	1.88667E-06	2.39525E-09	2.59301E-06	2.593009586
579125.014141356.41	579125.01	4141356	0.066836314	0.01353247	0.005327015	0.004981203	0.003242849	0.002980285	0.003554661	0.000438754	5.40889E-07	1.53894E-06	1.83596E-09	2.08166E-06	2.081662062
579145.014141356.41	579145.01	4141356	0.052230713	0.011207208	0.004548877	0.004253579	0.002446782	0.002248673	0.003088223	0.000342	4.25411E-07	1.27761E-06	1.4311E-09	1.70446E-06	1.704457162
579165.014141356.41	579165.01	4141356	0.041786606	0.009434856	0.003934895	0.003679456	0.001876881	0.001724915	0.002702211	0.000271484	3.42364E-07	1.0778E-06	1.13602E-09	1.4213E-06	1.42129965
579185.014141356.41	579185.01	4141356	0.034298856	0.008081771	0.00344861	0.003224738	0.001473788	0.00135446	0.002386047	0.000220387	2.8247E-07	9.24932E-07	9.22208E-10	1.20832E-06	1.208324073
579205.014141356.41	579205.01	4141356	0.028736815	0.007018828	0.003053273	0.002855065	0.001181536	0.001085871	0.002122645	0.000182371	2.3773E-07	8.04645E-07	7.63128E-10	1.04314E-06	1.043137569
579225.014141356.41	579225.01	4141356	0.024515499	0.006170606	0.002727581	0.002550516	0.000966643	0.000888377	0.001902147	0.000153642	2.03596E-07	7.08492E-07	6.42912E-10	9.12731E-07	0.912731158
579245.014141356.41	579245.01	4141356	0.02120632	0.005476056	0.00245318	0.002293928	0.000803991	0.000738894	0.001714382	0.000131312	1.7671E-07	6.29595E-07	5.49472E-10	8.06854E-07	0.806854348
579265.014141356.41	579265.01	4141356	0.018568181	0.004901422	0.002219255	0.002075189	0.000679419	0.000624409	0.001553468	0.000113738	1.55186E-07	5.63992E-07	4.75936E-10	7.19653E-07	0.719653388
579285.014141356.41	579285.01	4141356	0.016405108	0.004412225	0.00201749	0.001886521	0.000580615	0.000533605	0.00141421	9.9453E-05	1.3746E-07	5.0838E-07	4.1616E-10	6.46256E-07	0.646256371
579305.014141356.41	579305.01	4141356	0.014614874	0.003995785	0.001841288	0.001721758	0.000502242	0.000461577	0.001292632	8.78176E-05	1.22739E-07	4.60768E-07	3.67471E-10	5.83875E-07	0.583874991
578385.014141376.41	578385.01	4141376	0.001170081	0.000527555	0.000278293	0.000260227	2.0342E-05	1.8695E-05	0.000246347	6.74318E-06	1.0721E-08	6.42316E-08	2.82168E-11	7.49808E-08	0.074980823
578405.014141376.41	578405.01	4141376	0.001278416	0.000585939	0.000308035	0.000288039	2.18943E-05	2.01216E-05	0.000277516	7.47792E-06	1.17547E-08	7.1173E-08	3.12913E-11	8.2959E-08	0.082958992
578425.014141376.41	578425.01	4141376	0.001403147	0.000655224	0.00034294	0.000320677	2.36348E-05	2.17212E-05	0.0003151	8.2613E-06	1.29538E-08	7.93438E-08	3.45693E-11	9.23321E-08	0.092332092
578445.014141376.41	578445.01	4141376	0.001551966	0.000740418	0.000385546	0.000360518	2.56627E-05	2.35849E-05	0.000362291	9.20852E-06	1.43953E-08	8.93467E-08	3.85329E-11	1.03781E-07	0.103780524
578465.014141376.41	578465.01	4141376	0.001725889	0.000843539	0.000436428	0.000408096	2.7952E-05	2.56888E-05	0.000420686	1.03362E-05	1.60953E-08	1.01344E-07	4.32518E-11	1.17483E-07	0.117482615
578485.014141376.41	578485.01	4141376	0.00193272	0.000971208	0.000498739	0.000466363	3.05914E-05	2.81145E-05	0.000494571	1.17084E-05	1.81386E-08	1.16093E-07	4.89937E-11	1.34281E-07	0.13428083
578505.014141376.41	578505.01	4141376	0.00220039	0.001143049	0.000582067	0.000544282	3.3879E-05	3.11359E-05	0.000596465	1.35222E-05	2.08115E-08	1.35881E-07	5.65835E-11	1.56749E-07	0.156748606
578525.014141376.41	578525.01	4141376	0.002548237	0.001376827	0.000694851	0.000649744	3.79767E-05	3.49018E-05	0.000738947	1.59427E-05	2.43301E-08	1.62753E-07	6.67122E-11	1.87149E-07	0.187149356
578545.014141376.41	578545.01	4141376	0.002933175	0.001653807	0.000825251	0.000771679	4.22625E-05	3.88406E-05	0.000912159	1.8746E-05	2.83026E-08	1.94057E-07	7.84424E-11	2.22438E-07	0.222437646
578565.014141376.41	578565.01	4141376	0.003477336	0.00206419	0.001019601	0.000953412	4.80484E-05	4.4158E-05	0.001175999	2.28267E-05	3.39993E-08	2.40767E-07	9.55182E-11	2.74862E-07	0.274861667
578585.014141376.41	578585.01	4141376	0.004186712	0.00263414	0.001289291	0.001205594	5.51513E-05	5.06859E-05	0.001552905	2.83833E-05	4.15763E-08	3.05763E-07	1.1877E-10	3.47458E-07	0.347457694
578605.014141376.41	578605.01	4141376	0.005129607	0.003442228	0.001674181	0.001565499	6.39948E-05	5.88133E-05	0.002101771	3.61134E-05	5.18652E-08	3.98606E-07	1.51116E-10	4.50622E-07	0.450622027
578625.014141376.41	578625.01	4141376	0.006412094	0.004612894	0.002240435	0.002094994	7.52007E-05	6.91119E-05	0.002917013	4.71229E-05	6.61677E-08	5.35012E-07	1.97185E-10	6.01377E-07	0.601377332
578645.014141376.41	578645.01	4141376	0.008197579	0.006342043	0.003097846	0.002896744	8.9668E-05	8.24078E-05	0.004149123	6.31348E-05	8.65077E-08	7.40783E-07	2.64187E-10	8.27555E-07	0.827554979
578665.014141376.41	578665.01	4141376	0.010753279	0.008953573	0.004436502	0.0041485	0.000108797	9.99884E-05	0.006049986	8.69919E-05	1.1621E-07	1.06019E-06	3.64017E-10	1.17677E-06	1.176767722
578685.014141376.41	578685.01	4141376	0.014448867	0.012914634	0.006549815	0.006124624	0.000134199	0.000123333	0.008984211	0.000122742	1.59955E-07	1.56058E-06	5.13612E-10	1.72105E-06	1.721048257
579005.014141376.41	579005.01	4141376	0.355258747	0.055060874	0.020104391	0.018799283	0.012132914	0.011150548	0.009631372	0.001766383	2.80236E-06	5.74271E-06	7.39141E-09	8.55246E-06	8.552461414
579025.014141376.41	579025.01	4141376	0.290578947	0.043504816	0.014941246	0.013971312	0.01317467	0.012107955	0.007982519	0.00168373	2.28556E-06	4.75711E-06	7.04555E-09	7.04971E-06	7.04971318
579045.014141376.41	579045.01	4141376	0.219608053	0.033676373	0.011437166	0.010694705	0.011443711	0.010517147	0.006651114	0.001400009	1.73077E-06	3.80331E-06	5.85832E-09	5.53994E-06	5.539935573
579065.014141376.41	579065.01	4141376	0.159364993	0.025971716	0.009030812	0.008444563	0.008600092	0.007903768	0.00558408	0.00105371	1.26259E-06	2.95876E-06	4.40923E-09	4.225576E-06	4.225757164
579085.014141376.41	579085.01	4141376	0.114884499	0.020221748	0.007318982	0.006843859	0.006141875	0.005644585	0.004723775	0.000769611	9.1664E-07	2.30638E-06	3.22043E-09	3.226245E-06	3.226245767
579105.014141376.41	579105.01	4141376	0.083974207	0.016003329	0.006053124	0.005660176	0.00436788	0.004014225	0.004021599	0.000565552	6.75278E-07	1.8273E-06	2.36655E-09	2.50495E-06	2.504948844

579125.014141376.41	579125.01	4141376	0.063349592	0.012968173	0.005107101	0.004775565	0.00316792	0.002911423	0.003457336	0.00042564	5.13282E-07	1.48285E-06	1.78108E-09	1.99792E-06	1.997917734
579145.014141376.41	579145.01	4141376	0.049435613	0.01075128	0.00438136	0.004096937	0.002356779	0.002165958	0.003001507	0.000328971	4.03265E-07	1.23081E-06	1.37657E-09	1.63545E-06	1.635451418
579165.014141376.41	579165.01	4141376	0.039769977	0.009092386	0.003810723	0.003563344	0.001800551	0.001654766	0.002630046	0.000260916	3.26328E-07	1.04184E-06	1.0918E-09	1.36926E-06	1.369257605
579185.014141376.41	579185.01	4141376	0.032798117	0.007814077	0.003350739	0.00313322	0.001410002	0.001295839	0.002323271	0.000211743	2.7048E-07	8.96077E-07	8.86038E-10	1.16744E-06	1.167443843
579205.014141376.41	579205.01	4141376	0.027604843	0.0068054	0.002973017	0.002780019	0.001129636	0.001038172	0.002067442	0.000175369	2.28637E-07	7.80995E-07	7.33829E-10	1.01037E-06	1.010366326
579225.014141376.41	579225.01	4141376	0.023641472	0.00599602	0.002659206	0.002486579	0.000924742	0.000849868	0.00185314	0.000147956	1.96533E-07	6.88616E-07	6.19119E-10	8.85767E-07	0.885767345
579245.014141376.41	579245.01	4141376	0.020528267	0.005332478	0.002393818	0.002238419	0.000770974	0.000708551	0.001671165	0.000126756	1.71195E-07	6.12761E-07	5.30409E-10	7.84487E-07	0.784487008
579265.014141376.41	579265.01	4141376	0.018002195	0.004773753	0.00216526	0.002024698	0.000651676	0.000598912	0.001514069	0.000109843	1.50549E-07	5.48951E-07	4.59637E-10	6.9996E-07	0.699959627
579285.014141376.41	579285.01	4141376	0.015951076	0.004305067	0.001968984	0.001841164	0.000559228	0.000513949	0.001379411	9.63489E-05	1.3372E-07	4.95337E-07	4.03171E-10	6.2946E-07	0.629460293
579305.014141376.41	579305.01	4141376	0.014247238	0.003904697	0.00179819	0.001681458	0.00048571	0.000446384	0.001262496	8.53279E-05	1.19693E-07	4.49504E-07	3.57054E-10	5.69554E-07	0.569553601
578385.014141396.41	578385.01	4141396	0.001195299	0.000537568	0.000285421	0.000266893	2.07445E-05	1.90649E-05	0.000249883	6.94287E-06	1.09462E-08	6.57582E-08	2.90523E-11	7.67334E-08	0.076733421
578405.014141396.41	578405.01	4141396	0.001300919	0.000593852	0.000314508	0.000294091	2.22602E-05	2.04579E-05	0.000279644	7.59184E-06	1.19513E-08	7.25197E-08	3.1768E-11	8.45028E-08	0.084502771
578425.014141396.41	578425.01	4141396	0.001422372	0.000660392	0.00034847	0.000325849	2.39588E-05	2.2019E-05	0.000315413	8.34706E-06	1.31148E-08	8.04412E-08	3.49282E-11	9.3591E-08	0.093590996
578445.014141396.41	578445.01	4141396	0.001568702	0.000742921	0.000390216	0.000364885	2.59606E-05	2.38587E-05	0.000360664	9.27124E-06	1.45269E-08	9.02091E-08	3.87954E-11	1.04775E-07	0.104774825
578465.014141396.41	578465.01	4141396	0.00174828	0.000847495	0.000442696	0.000413957	2.83492E-05	2.60539E-05	0.00041934	1.04233E-05	1.6274E-08	1.02529E-07	4.3616E-11	1.18846E-07	0.118846169
578485.014141396.41	578485.01	4141396	0.001958164	0.000974761	0.000505499	0.000472684	3.10462E-05	2.85324E-05	0.000492412	1.18006E-05	1.83376E-08	1.17348E-07	4.93793E-11	1.35735E-07	0.135735176
578505.014141396.41	578505.01	4141396	0.002205592	0.001131986	0.000581699	0.000543937	3.41037E-05	3.13424E-05	0.000585011	1.34684E-05	2.08014E-08	1.35434E-07	5.63586E-11	1.56292E-07	0.156292265
578525.014141396.41	578525.01	4141396	0.00254066	0.001354216	0.000688829	0.000644113	3.80969E-05	3.50123E-05	0.000719795	1.57827E-05	2.4178E-08	1.60958E-07	6.60427E-11	1.85202E-07	0.185202018
578545.014141396.41	578545.01	4141396	0.002921867	0.001625059	0.000815828	0.000762868	4.24036E-05	3.89703E-05	0.000888908	1.85374E-05	2.80971E-08	1.91482E-07	7.75693E-11	2.19656E-07	0.21965628
578565.014141396.41	578565.01	4141396	0.003432781	0.00201049	0.000995103	0.000930504	4.7902E-05	4.40235E-05	0.001137476	2.238E-05	3.34463E-08	2.34788E-07	9.36488E-11	2.68328E-07	0.268327658
578585.014141396.41	578585.01	4141396	0.004111285	0.002559929	0.001248569	0.001167516	5.47803E-05	5.03449E-05	0.001503836	2.7742E-05	4.07121E-08	2.96343E-07	1.16086E-10	3.37171E-07	0.337171456
578605.014141396.41	578605.01	4141396	0.005027266	0.003361718	0.001617646	0.001512634	6.34565E-05	5.83186E-05	0.002056614	3.54017E-05	5.07794E-08	3.86338E-07	1.48138E-10	4.37266E-07	0.437265604
578625.014141396.41	578625.01	4141396	0.006290189	0.004560002	0.002173576	0.002032475	7.45578E-05	6.85211E-05	0.002910034	4.66263E-05	6.50597E-08	5.22112E-07	1.95107E-10	5.87367E-07	0.58736652
578645.014141396.41	578645.01	4141396	0.008064931	0.006384115	0.003036886	0.002839742	8.88944E-05	8.16969E-05	0.004249013	6.341E-05	8.57311E-08	7.32613E-07	2.65338E-10	8.18609E-07	0.818609326
578665.014141396.41	578665.01	4141396	0.010613959	0.009208831	0.004418231	0.004131415	0.000107674	9.89557E-05	0.006379638	8.89965E-05	1.16303E-07	1.06771E-06	3.72405E-10	1.18439E-06	1.184389847
579005.014141396.41	579005.01	4141396	0.426367378	0.058703933	0.019154434	0.017910994	0.016869893	0.015503987	0.009596886	0.0022093	3.3315E-06	6.11073E-06	9.24479E-09	9.45148E-06	9.451482091
579025.014141396.41	579025.01	4141396	0.326996885	0.044833353	0.014063475	0.013150522	0.017620891	0.016194179	0.007893237	0.00207131	2.55424E-06	5.08199E-06	8.66737E-09	7.64489E-06	7.64489232
579045.014141396.41	579045.01	4141396	0.230106553	0.0335462	0.010748255	0.010050515	0.013579869	0.012480347	0.0065301	0.001573792	1.80601E-06	3.90108E-06	6.58551E-09	5.71368E-06	5.713677515
579065.014141396.41	579065.01	4141396	0.157484292	0.02520045	0.008511958	0.007959391	0.009200642	0.008455693	0.005448201	0.001091182	1.24568E-06	2.91718E-06	4.56604E-09	4.16743E-06	4.167433995
579085.014141396.41	579085.01	4141396	0.109508594	0.019340256	0.006935894	0.006485639	0.006182115	0.005681567	0.00458896	0.000761185	8.74026E-07	2.22876E-06	3.18517E-09	3.10597E-06	3.105968088
579105.014141396.41	579105.01	4141396	0.079006989	0.015259035	0.005778109	0.005403014	0.004269463	0.003923777	0.003901868	0.000548236	6.36206E-07	1.75632E-06	2.29409E-09	2.39482E-06	2.394818974
579125.014141396.41	579125.01	4141396	0.059658302	0.012403311	0.004908982	0.004590307	0.003055103	0.002807741	0.003356162	0.000409407	4.84195E-07	1.42659E-06	1.71316E-09	1.9125E-06	1.912500222
579145.014141396.41	579145.01	4141396	0.046764906	0.010321274	0.004231009	0.003956347	0.002254024	0.002071522	0.002913946	0.000315129	3.82129E-07	1.18601E-06	1.31865E-09	1.56945E-06	1.569453175
579165.014141396.41	579165.01	4141396	0.037791797	0.008753226	0.003689049	0.003449569	0.001712101	0.001573477	0.002551717	0.000249317	3.10583E-07	1.00492E-06	1.04327E-09	1.31655E-06	1.316547016
579185.014141396.41	579185.01	4141396	0.031332095	0.007545252	0.003249794	0.003038829	0.001338837	0.001230435	0.002254236	0.000202424	2.58737E-07	8.65713E-07	8.47039E-10	1.1253E-06	1.125296669
579205.014141396.41	579205.01	4141396	0.026520932	0.006592698	0.002888624	0.002701105	0.001075153	0.000988101	0.002008014	0.000168128	2.19894E-07	7.56224E-07	7.03529E-10	9.76822E-07	0.97682161
579225.014141396.41	579225.01	4141396	0.02279108	0.005818122	0.002584604	0.00241682	0.000881606	0.000810225	0.001800191	0.000142111	1.89626E-07	6.67346E-07	5.94663E-10	8.57567E-07	0.857566787
579245.014141396.41	579245.01	4141396	0.019835175	0.005178726	0.002326344	0.002175326	0.000736447	0.000676819	0.001623661	0.000121956	1.65529E-07	5.94084E-07	5.10323E-10	7.60123E-07	0.760123288
579265.014141396.41	579265.01	4141396	0.017442429	0.004642853	0.002104628	0.001968002	0.000625015	0.00057441	0.001472385	0.000105999	1.45943E-07	5.32732E-07	4.43552E-10	6.79119E-07	0.67911901
579285.014141396.41	579285.01	4141396	0.015485056	0.004191206	0.001914005	0.001789755	0.000538316	0.00049473	0.001342703	9.32142E-05	1.29864E-07	4.81055E-07	3.90053E-10	6.11309E-07	0.611309393
579305.014141396.41	579305.01	4141396	0.013847146	0.003803433	0.001747636	0.001634186	0.000468969	0.000430998	0.001229763	8.27141E-05	1.16367E-07	4.36697E-07	3.46116E-10	5.5341E-07	0.553410147
578385.014141416.41	578385.01	4141416	0.001220064	0.000548066	0.00029259	0.000273597	2.11417E-05	1.94299E-05	0.000253889	7.07983E-06	1.11702E-08	6.73084E-08	2.96255E-11	7.85083E-08	0.078508285
578405.014141416.41	578405.01	4141416	0.00132625	0.000604108	0.000321964	0.000301063	2.26626E-05	2.08277E-05	0.00028318	7.72752E-06	1.21784E-08	7.41081E-08	3.23357E-11	8.63188E-08	0.086318827
578425.014141416.41	578425.01	4141416	0.001451095	0.000671617	0.000357073	0.000333893	2.44083E-05	2.24321E-05	0.000319137	8.4981E-06	1.33706E-08	8.22571E-08	3.55602E-11	9.56633E-08	0.095663299
578445.014141416.41	578445.01	4141416	0.00159867	0.000753661	0.000399352	0.000373427	2.6431E-05	2.4291E-05	0.000363668	9.42228E-06	1.47896E-08	9.21006E-08	3.94274E-11	1.0693E-07	0.106929549
578465.014141416.41	578465.01	4141416	0.001773158	0.000853875	0.000450316	0.000421083	2.87517E-05	2.64237E-05	0.000419246	1.05321E-05	1.64811E-08	1.04015E-07	4.40713E-11	1.2054E-07	0.120540237
578485.014141416.41	578485.01	4141416	0.001984286	0.000979525	0.000513447	0.000480116	3.14852E-05	2.89359E-05	0.000490691	1.19004E-05	1.85468E-08	1.1884E-07	4.97971E-11	1.37437E-07	0.137436755
578505.014141416.41	578505.01	4141416	0.002230923	0.001133197	0.000589032	0.000550794	3.45584E-05	3.17603E-05	0.000580223	1.35414E-05	2.09895E-08	1.36703E-07	5.66639E-11	1.57749E-07	0.157749025
578525.014141416.41	578525.01	4141416	0.002540886	0.001335805	0.000687026	0.000642427	3.82746E-05	3.51756E-05	0.000701957	1.5665E-05	2.41003E-08	1.6001E-07	6.55499E-11	1.84176E-07	0.184176213
578545.014141416.41	578545.01	4141416	0.002929896	0.001605759	0.000814845	0.000761948	4.27381E-05	3.92777E-05	0.000869505	1.84324E-05	2.8072E-08	1.9065E-07	7.71301E-11	2.18799E-07	0.218799474
578565.014141416.41	578565.01	4141416	0.003412538	0.001966238	0.000981133	0.000917441	4.79909E-05	4.41052E-05	0.001101332	2.20434E-05	3.31096E-08	2.30898E-07	9.22401E-11	2.641E-07	0.264099953
578585.014141416.41	578585.01	4141416	0.004060623	0.002489674	0.001218294	0.001139207	5.46548E-05	5.02296E-05	0.001451231	2.71673E-05	4.00437E-08	2.88794E-07	1.13681E-10	3.28951E-07	0.328951349
578605.014141416.41	578605.01	4141416	0.004933972	0.003263039	0.001563077	0.001461608	6.30435E-05	5.79391E-05	0.001989707	3.45633E-05	4.96808E-08	3.73704E-07	1.4463E-10	4.23529E-07	0.423529073
578625.014141416.41	578625.01	4141416	0.006147251	0.00445139	0.002089511	0.001953867	7.38261E-05	6.78486E-05	0.002851765	4.56765E-05	6.35598E-08	5.04216E-07	1.91133E-10	5.67967E-07	0.56796701
578645.014141416.41	578645.01	4141416	0.007867486	0.006325489	0.002926396	0.002736425	8.77916E-05	8.06834E-05	0.004265943	6.28442E-05	8.40529E-08	7.12304E-07	2.62971E-10	7.9662E-07	0.796620281
578665.014141416.41	578665.01	4141416	0.010405658	0.009389554	0.004334739	0.004053343	0.000106435	9.78173E-05	0.006663068	9.0416E-05	1.15577E-07	1.06147E-06	3.78345E-10	1.17743E-06	1.17742971
579025.014141416.41	579025.01	4141416	0.36126306	0.045751829	0.013087135	0.012237564	0.022552264	0.020726273	0.00776972	0.002505168	2.80562E-06	5.43544E-06	1.04828E-08	8.25154E-06	8.251543539
579045.014141416.41	579045.01	4141416	0.233439706	0.032904785	0.01006381	0.009410502	0.015199746	0.013969067	0.006380013	0.001695141	1.82732E-06	3.93879E-06	7.0933E-09	5.7732E-06	5.773196666
579065.014141416.41	579065.01	4141416	0.150751944	0.024108437	0.008026983	0.007505899	0.009369969	0.00861131	0.005290917	0.001088656	1.19237E-06	2.83207E-06	4.55547E-09	4.029E-06	4.028995463
579085.014141416.41	579085.01	4141416	0.10245848	0.018369694	0.006595412	0.006167261	0.006068253	0.005576924	0.004446353	0.000739743	8.18939E-07	2.14136E-06	3.09545E-09	2.96339E-06	2.963390583
579105.014141416.41	579105.01	4141416	0.073643411	0.014503274	0.005528985	0.005170062	0.004110155	0.003777368	0.003775096	0.000525949	5.94222E-07	1.68326E-06	2.20083E-09	2.27968E-06	2.279681394
579125.014141416.41	579125.01	4141416	0.055865461	0.011831342	0.004717417	0.004411179	0.002904728	0.002669541	0.00324438	0.000389882	4.54345E-07	1.36718E-06	1.63146E-09	1.82316E-06	1.823161289
579145.014141416.41	579145.01	4141416	0.044071017	0.009881174	0.004075947	0.00381135	0.002126599	0.001954414	0.002814744	0.000298989	3.60782E-07	1.13733E-06	1.25111E-09	1.49936E-06	1.499362537
579165.014141416.41	579165.01	4141416	0.035868011	0.008412128	0.003560656	0.003329511	0.001612628	0.001482058	0.002465502	0.000236673	2.95223E-07	9.65396E-07	9.90356E-10	1.26161E-06	1.261609794
579185.014141416.41	579185.01	4141416	0.029901242	0.00727126	0.00313951	0.002935704	0.001262261	0.00116006	0.002178755	0.000192525	2.47225E-07	8.32866E-07	8.05619E-10	1.0809E-06	1.080896416
579205.014141416.41	579205.01	4141416	0.025393936	0.006361505	0.002789892	0.002608782	0.001015152	0.000932958	0.001940513	0.000160181	2.10761E-07	7.27874E-07	6.70277E-10	9.39305E-07	0.939305064
579225.014141416.41	579225.01	4141416	0.021903144	0.00562464	0.002497384	0.002335262	0.000836176	0.000768474	0.001741639	0.000135883	1.82381E-07	6.43245E-07	5.68599E-10	8.26195E-07	0.826194887
579245.014141416.41	579245.01	4141416	0.019105443	0.005011488	0.002247523	0.002101621	0.000701288	0.000644506	0.001572088	0.000116943	1.59539E-07	5.73043E-07	4.89348E-10	7.33071E-07	0.733071476
579265.014141416.41	579265.01	4141416	0.016843875	0.00449976	0.002034532	0.001902457	0.000598255	0.000549816	0.001427948	0.000102014	1.41005E-07	5.14593E-07	4.26878E-10	6.56025E-07	0.656025091

579285.014141416.41	579285.01	4141416	0.014954127	0.004060226	0.001848293	0.001728309	0.000516323	0.000474517	0.001302083	8.98029E-05	1.25467E-07	4.64438E-07	3.75779E-10	5.9028E-07	0.590280223
579305.014141416.41	579305.01	4141416	0.013401369	0.003690461	0.00168938	0.001579711	0.000451967	0.000415373	0.001194901	7.99543E-05	1.12662E-07	4.22292E-07	3.34568E-10	5.35288E-07	0.535288272
578385.014141436.41	578385.01	4141436	0.001248335	0.000560986	0.00030062	0.000281105	2.15912E-05	1.9843E-05	0.000259428	7.24239E-06	1.143E-08	6.90837E-08	3.03057E-11	8.05441E-08	0.080544087
578405.014141436.41	578405.01	4141436	0.001357574	0.00061832	0.000331141	0.000309644	2.31487E-05	2.12744E-05	0.000289157	7.90673E-06	1.24658E-08	7.61195E-08	3.30856E-11	8.86184E-08	0.088618363
578425.014141436.41	578425.01	4141436	0.001484568	0.000686475	0.000367192	0.000343356	2.49258E-05	2.29076E-05	0.000325083	8.68627E-06	1.36763E-08	8.44484E-08	3.63476E-11	9.81611E-08	0.098161053
578445.014141436.41	578445.01	4141436	0.001636553	0.000769973	0.000411069	0.000384384	2.7006E-05	2.48194E-05	0.000370052	9.63093E-06	1.51333E-08	9.46134E-08	4.03005E-11	1.09787E-07	0.109787059
578465.014141436.41	578465.01	4141436	0.001813303	0.000870106	0.000463057	0.000432997	2.9358E-05	2.69809E-05	0.000425036	1.07445E-05	1.68409E-08	1.06701E-07	4.49604E-11	1.23587E-07	0.123586754
578485.014141436.41	578485.01	4141436	0.002023866	0.000993496	0.00052627	0.000492106	3.2081E-05	2.94835E-05	0.000494352	1.2095E-05	1.88927E-08	1.21463E-07	5.06113E-11	1.40406E-07	0.140406078
578505.014141436.41	578505.01	4141436	0.002266318	0.001141757	0.000600667	0.000561673	3.51125E-05	3.22695E-05	0.000579722	1.36886E-05	2.1282E-08	1.38945E-07	5.72798E-11	1.60284E-07	0.16028414
578525.014141436.41	578525.01	4141436	0.002577752	0.001340811	0.00069903	0.000653651	3.88704E-05	3.57232E-05	0.00069792	1.57891E-05	2.43881E-08	1.62198E-07	6.60695E-11	1.86652E-07	0.186651878
578545.014141436.41	578545.01	4141436	0.002952626	0.001595585	0.000821318	0.000768001	4.32033E-05	3.97052E-05	0.000854328	1.84196E-05	2.81923E-08	1.91384E-07	7.70766E-11	2.19654E-07	0.219653693
578565.014141436.41	578565.01	4141436	0.003423508	0.001939428	0.00098146	0.000917747	4.83881E-05	4.44703E-05	0.001073574	2.18885E-05	3.30733E-08	2.30023E-07	9.1592E-11	2.63188E-07	0.263187638
578585.014141436.41	578585.01	4141436	0.004053612	0.002439446	0.001207642	0.001129246	5.4958E-05	5.05082E-05	0.001406574	2.68115E-05	3.97767E-08	2.85252E-07	1.12192E-10	3.25141E-07	0.325140785
578605.014141436.41	578605.01	4141436	0.00488806	0.003175988	0.001529484	0.001430195	6.30854E-05	5.79775E-05	0.001921173	3.38785E-05	4.89743E-08	3.64996E-07	1.41764E-10	4.14112E-07	0.414111987
578625.014141436.41	578625.01	4141436	0.006042309	0.004327596	0.002018637	0.001887594	7.34863E-05	6.75364E-05	0.002767365	4.46525E-05	6.22688E-08	4.87936E-07	1.86848E-10	5.50391E-07	0.550391378
578645.014141436.41	578645.01	4141436	0.00769198	0.006216554	0.002809557	0.00262717	8.7039E-05	7.99917E-05	0.004227577	6.19149E-05	8.23164E-08	6.88969E-07	2.59082E-10	7.71544E-07	0.771544446
579025.014141436.41	579025.01	4141436	0.382898421	0.045825798	0.012098833	0.011313419	0.025119661	0.023085795	0.007587839	0.002775582	2.96216E-06	5.52538E-06	1.16144E-08	8.49915E-06	8.499152996
579045.014141436.41	579045.01	4141436	0.226608975	0.031628172	0.009422667	0.00881098	0.015525396	0.01426835	0.006193219	0.001698923	1.7725E-06	3.83934E-06	7.10912E-09	5.61895E-06	5.618947745
579065.014141436.41	579065.01	4141436	0.139925386	0.022771663	0.00758736	0.007094815	0.009171979	0.008429351	0.005114388	0.001055573	1.10844E-06	2.71313E-06	4.41703E-09	3.82599E-06	3.825985114
579085.014141436.41	579085.01	4141436	0.094112309	0.01731192	0.006272383	0.005865201	0.005829354	0.005357368	0.004285095	0.000707456	7.54118E-07	2.04246E-06	2.96034E-09	2.79954E-06	2.79953846
579105.014141436.41	579105.01	4141436	0.068011936	0.013721188	0.005279247	0.004936536	0.003880779	0.003566564	0.003631488	0.000497283	5.5019E-07	1.60195E-06	2.08087E-09	2.15422E-06	2.154217553
579125.014141436.41	579125.01	4141436	0.052055998	0.011246211	0.00451471	0.00422163	0.002712179	0.002492582	0.003117827	0.000366385	4.24318E-07	1.30077E-06	1.53313E-09	1.72662E-06	1.726622012
579145.014141436.41	579145.01	4141436	0.041460019	0.009439298	0.003908717	0.003654977	0.001981095	0.001820691	0.002706623	0.000281102	3.40025E-07	1.08429E-06	1.17627E-09	1.42549E-06	1.425488014
579165.014141436.41	579165.01	4141436	0.033967519	0.00806134	0.003417106	0.003195279	0.00150394	0.001382171	0.002371839	0.000223022	2.79989E-07	9.2186E-07	9.33232E-10	1.20278E-06	1.202782609
579185.014141436.41	579185.01	4141436	0.02845173	0.006982893	0.003013739	0.002818098	0.001181557	0.00108589	0.002097484	0.000182054	2.35517E-07	7.96481E-07	7.61805E-10	1.03276E-06	1.032759138
579205.014141436.41	579205.01	4141436	0.02425337	0.006120217	0.002678911	0.002505006	0.00095538	0.000878026	0.001870414	0.000152109	2.01486E-07	6.9716E-07	6.365E-10	8.99283E-07	0.89928252
579225.014141436.41	579225.01	4141436	0.020968956	0.005416864	0.002397915	0.00224225	0.000790867	0.000726833	0.001680428	0.000129495	1.74741E-07	6.16723E-07	5.41871E-10	7.92006E-07	0.792006086
579245.014141436.41	579245.01	4141436	0.018332966	0.004832621	0.002159074	0.002018914	0.000666954	0.000612953	0.001519233	0.000111878	1.53191E-07	5.50193E-07	4.68153E-10	7.03852E-07	0.703852103
579265.014141436.41	579265.01	4141436	0.01617012	0.00433874	0.001953252	0.001826454	0.000570711	0.000524502	0.001380475	9.77698E-05	1.35446E-07	4.94083E-07	4.09116E-10	6.29939E-07	0.629938943
579285.014141436.41	579285.01	4141436	0.014387575	0.003921251	0.001776559	0.001661231	0.000495082	0.000454996	0.001261401	8.63775E-05	1.20777E-07	4.46726E-07	3.61446E-10	5.67864E-07	0.567864279
579305.014141436.41	579305.01	4141436	0.01289136	0.00356376	0.001622357	0.001517039	0.000434259	0.000399099	0.001157379	7.69911E-05	1.08434E-07	4.06015E-07	3.22168E-10	5.14771E-07	0.514770715
579325.014141436.41	579325.01	4141436	0.011612266	0.003251249	0.001486877	0.001390354	0.000383916	0.000352832	0.00106575	6.90524E-05	9.78518E-08	3.70586E-07	2.88949E-10	4.68727E-07	0.468726642
578385.014141456.41	578385.01	4141456	0.001281017	0.000576894	0.000309879	0.000289763	2.21086E-05	2.03186E-05	0.000266907	7.43696E-06	1.17345E-08	7.11687E-08	3.11199E-11	8.29344E-08	0.082934364
578405.014141456.41	578405.01	4141456	0.001392517	0.000635278	0.000341301	0.000319145	2.36975E-05	2.17788E-05	0.000296981	8.11409E-06	1.27911E-08	7.83906E-08	3.39533E-11	9.12157E-08	0.091215653
578425.014141456.41	578425.01	4141456	0.001521773	0.000704241	0.000378336	0.000353775	2.55007E-05	2.3436E-05	0.000333125	8.90515E-06	1.40214E-08	8.69142E-08	3.72635E-11	1.00973E-07	0.10097293
578445.014141456.41	578445.01	4141456	0.001675115	0.000788062	0.000423031	0.00039557	2.75914E-05	2.53574E-05	0.000377813	9.85365E-06	1.54897E-08	9.7225E-08	4.12325E-11	1.12756E-07	0.112755893
578465.014141456.41	578465.01	4141456	0.001854127	0.000888598	0.000476248	0.000445332	2.99747E-05	2.75477E-05	0.000432515	1.09762E-05	1.72153E-08	1.09535E-07	4.59299E-11	1.26797E-07	0.126796702
578485.014141456.41	578485.01	4141456	0.002069552	0.001013199	0.00054155	0.000506395	3.27605E-05	3.0108E-05	0.000501863	1.23459E-05	1.93075E-08	1.24696E-07	5.16611E-11	1.44055E-07	0.144054833
578505.014141456.41	578505.01	4141456	0.002311778	0.001158957	0.000616562	0.000576537	3.57867E-05	3.28892E-05	0.000584761	1.39203E-05	2.16843E-08	1.422E-07	5.82493E-11	1.63943E-07	0.163942933
578525.014141456.41	578525.01	4141456	0.002634294	0.001360595	0.000719063	0.000672384	3.96962E-05	3.64821E-05	0.000703052	1.60618E-05	2.48816E-08	1.66248E-07	6.72103E-11	1.91197E-07	0.191196606
578545.014141456.41	578545.01	4141456	0.00299458	0.001600188	0.000836886	0.000782558	4.38671E-05	4.03153E-05	0.000848038	1.85527E-05	2.8515E-08	1.94164E-07	7.76336E-11	2.22756E-07	0.222756183
578565.014141456.41	578565.01	4141456	0.003473152	0.001938863	0.000999158	0.000934296	4.91825E-05	4.52004E-05	0.001061275	2.1996E-05	3.34293E-08	2.32997E-07	9.2042E-11	2.66518E-07	0.266518098
578585.014141456.41	578585.01	4141456	0.004093983	0.002417724	0.001219851	0.001140662	5.57158E-05	5.12047E-05	0.001377032	2.67449E-05	3.99746E-08	2.86574E-07	1.11914E-10	3.26661E-07	0.32666081
578605.014141456.41	578605.01	4141456	0.00489688	0.003111871	0.001523789	0.00142487	6.36289E-05	5.84771E-05	0.001859775	3.3442E-05	4.87618E-08	3.61811E-07	1.39938E-10	4.10713E-07	0.410713267
578625.014141456.41	578625.01	4141456	0.005998319	0.004206952	0.001978284	0.00184986	7.36902E-05	6.77237E-05	0.002668037	4.37181E-05	6.14316E-08	4.76897E-07	1.82938E-10	5.38512E-07	0.538511732
578645.014141456.41	578645.01	4141456	0.007574033	0.006065305	0.002712259	0.002536188	8.68299E-05	7.97996E-05	0.004129752	6.07053E-05	8.08133E-08	6.67294E-07	2.54021E-10	7.48362E-07	0.748361527
579045.014141456.41	579045.01	4141456	0.206577147	0.029519891	0.008797461	0.00822636	0.014495803	0.013322121	0.005950033	0.001585971	1.61877E-06	3.58878E-06	6.63647E-09	5.21419E-06	5.214189362
579065.014141456.41	579065.01	4141456	0.125256571	0.021168488	0.007145975	0.006682083	0.008720623	0.00801454	0.004902433	0.000999352	9.95611E-07	2.56331E-06	4.18178E-09	3.5631E-06	3.563101277
579085.014141456.41	579085.01	4141456	0.084678269	0.01614626	0.005924076	0.005539506	0.005415557	0.004977075	0.004090321	0.000658619	6.80978E-07	1.91844E-06	2.75598E-09	2.60218E-06	2.60217754
579105.014141456.41	579105.01	4141456	0.062166394	0.012896626	0.005000134	0.004675543	0.003555328	0.003267463	0.00346419	0.000459415	5.0443E-07	1.50407E-06	1.92241E-09	2.01042E-06	2.010423248
579125.014141456.41	579125.01	4141456	0.048212156	0.010637339	0.004284472	0.004006339	0.002475188	0.00227478	0.002976346	0.00033849	3.9394E-07	1.22403E-06	1.41641E-09	1.61938E-06	1.61938453
579145.014141456.41	579145.01	4141456	0.038780265	0.008971419	0.003715391	0.003474201	0.001815526	0.001668528	0.002588112	0.000261031	3.1866E-07	1.02385E-06	1.09228E-09	1.34361E-06	1.343606933
579165.014141456.41	579165.01	4141456	0.031973282	0.007683662	0.003250491	0.00303948	0.001387209	0.001274891	0.002271197	0.0002083	2.63963E-07	8.72838E-07	8.71629E-10	1.13767E-06	1.137672161
579185.014141456.41	579185.01	4141456	0.026905531	0.006670382	0.002868796	0.002682564	0.001098537	0.001009592	0.00201202	0.000171086	2.23006E-07	7.56022E-07	7.15907E-10	9.79744E-07	0.979743628
579205.014141456.41	579205.01	4141456	0.023008201	0.005855026	0.002551461	0.002385829	0.00089473	0.000822287	0.001797124	0.0001437	1.91353E-07	6.63042E-07	6.0131E-10	8.54996E-07	0.854996444
579225.014141456.41	579225.01	4141456	0.01994611	0.00518995	0.002285827	0.002137439	0.00074573	0.00068535	0.00161759	0.000122925	1.66378E-07	5.87696E-07	5.14378E-10	7.54588E-07	0.75458786
579245.014141456.41	579245.01	4141456	0.017451476	0.004630418	0.002057474	0.00192391	0.00063135	0.000580232	0.001463248	0.000106457	1.45955E-07	5.24506E-07	4.45469E-10	6.70906E-07	0.670906498
579265.014141456.41	579265.01	4141456	0.015419694	0.004161893	0.001862714	0.001741793	0.000542816	0.000498866	0.001331562	9.33358E-05	1.29266E-07	4.71659E-07	3.90562E-10	6.01316E-07	0.601316055
578385.014141476.41	578385.01	4141476	0.001314829	0.000593852	0.000319383	0.00029865	2.26522E-05	2.08181E-05	0.000275263	7.64304E-06	1.20517E-08	7.33339E-08	3.19822E-11	8.54176E-08	0.085417617
578405.014141476.41	578405.01	4141476	0.001430853	0.000654659	0.000352403	0.000329526	2.42986E-05	2.23312E-05	0.000306525	8.34834E-06	1.31514E-08	8.09063E-08	3.49335E-11	9.40926E-08	0.09409264
578425.014141476.41	578425.01	4141476	0.001564405	0.000725963	0.000391036	0.000365651	2.61593E-05	2.40412E-05	0.000343734	9.165E-06	1.44228E-08	8.97765E-08	3.83508E-11	1.04238E-07	0.104237667
578445.014141476.41	578445.01	4141476	0.001717521	0.000809623	0.000436223	0.000407905	2.82447E-05	2.59578E-05	0.00038814	1.01122E-05	1.58888E-08	1.00167E-07	4.23144E-11	1.16098E-07	0.11609801
578465.014141476.41	578465.01	4141476	0.001901057	0.000912259	0.000491447	0.000459544	3.06803E-05	2.81962E-05	0.000443656	1.12604E-05	1.76561E-08	1.12889E-07	4.7119E-11	1.30592E-07	0.130591987
578485.014141476.41	578485.01	4141476	0.002123832	0.001040251	0.000559904	0.000523557	3.35549E-05	3.08381E-05	0.00051438	1.2671E-05	1.98159E-08	1.287E-07	5.30216E-11	1.48569E-07	0.148568537
578505.014141476.41	578505.01	4141476	0.00237601	0.00119045	0.000639135	0.000597645	3.67066E-05	3.37346E-05	0.000599125	1.42992E-05	2.22838E-08	1.47074E-07	5.98348E-11	1.69418E-07	0.169417906
578525.014141476.41	578525.01	4141476	0.002710512	0.001396692	0.000747003	0.00069851	4.07572E-05	3.74572E-05	0.000719044	1.64983E-05	2.55874E-08	1.72197E-07	6.90368E-11	1.97854E-07	0.197853829
578545.014141476.41	578545.01	4141476	0.003060055	0.001625301	0.0008629	0.000806884	4.47974E-05	4.11703E-05	0.00085558	1.88855E-05	2.9096E-08	1.99424E-07	7.90262E-11	2.28599E-07	0.228598903
578565.014141476.41	578565.01	4141476	0.003536479	0.001953802	0.001026074	0.000959465	5.01024E-05	4.60458E-05	0.001059429	2.22507E-05	3.39509E-08	2.38077E-07	9.31078E-11	2.72121E-07	0.272121393
578585.014141476.41	578585.01	4141476	0.004146002	0.002408841	0.001243653	0.001162919	5.65521E-05	5.19732E-05	0.001354939	2.67987E-05	4.0312E-08	2.90325E-07	1.12139E-10	3.30749E-07	0.330749446

578605.014141476.41	578605.01	4141476	0.00494381	0.003071817	0.001544273	0.001444024	6.44913E-05	5.92697E-05	0.001809735	3.32461E-05	4.89282E-08	3.63938E-07	1.39118E-10	4.13005E-07	0.413004813
578625.014141476.41	578625.01	4141476	0.006018448	0.004105528	0.001980209	0.001851661	7.44219E-05	6.83962E-05	0.002567396	4.30089E-05	6.11401E-08	4.73738E-07	1.7997E-10	5.35058E-07	0.535057888
578645.014141476.41	578645.01	4141476	0.007544631	0.00589193	0.002669202	0.002495927	8.73317E-05	8.02607E-05	0.003980479	5.93907E-05	7.98543E-08	6.53993E-07	2.4852E-10	7.34096E-07	0.734096098
579065.014141476.41	579065.01	4141476	0.107487216	0.019307551	0.006639493	0.00620848	0.007914626	0.007273802	0.004636152	0.000910024	8.5929E-07	2.35998E-06	3.80798E-09	3.22308E-06	3.223078078
579085.014141476.41	579085.01	4141476	0.07512108	0.014951449	0.00553218	0.00517305	0.004853392	0.004460427	0.003873453	0.000595953	6.06822E-07	1.76991E-06	2.49376E-09	2.37923E-06	2.379228793
579105.014141476.41	579105.01	4141476	0.056237169	0.012039037	0.004678826	0.004375092	0.003156714	0.002901124	0.003281432	0.000414423	4.57923E-07	1.39005E-06	1.73415E-09	1.84971E-06	1.849706379
579125.014141476.41	579125.01	4141476	0.044134231	0.009974928	0.004013225	0.003752701	0.002202568	0.002024232	0.002821316	0.000306734	3.61642E-07	1.13518E-06	1.28353E-09	1.4981E-06	1.498102075
579145.014141476.41	579145.01	4141476	0.035826848	0.00844669	0.003486259	0.003259943	0.001634115	0.001501805	0.002459118	0.000238906	2.95075E-07	9.54402E-07	9.99697E-10	1.25048E-06	1.250475921
579165.014141476.41	579165.01	4141476	0.029780129	0.007265688	0.003058517	0.002859968	0.001267409	0.001164791	0.002166175	0.000192869	2.46327E-07	8.18369E-07	8.0706E-10	1.0655E-06	1.06550265
579185.014141476.41	579185.01	4141476	0.025134635	0.006312569	0.002699723	0.002524466	0.001011906	0.000929975	0.001920767	0.000159331	2.08678E-07	7.10194E-07	6.6672E-10	9.19539E-07	0.919538541
579205.014141476.41	579205.01	4141476	0.021563326	0.00554954	0.002403691	0.002247652	0.000831101	0.000763809	0.001718701	0.000134615	1.79604E-07	6.24382E-07	5.63296E-10	8.04549E-07	0.804548882
579225.014141476.41	579225.01	4141476	0.018744253	0.004926375	0.002155919	0.002015964	0.00069742	0.000640952	0.001549682	0.000115702	1.56564E-07	5.54596E-07	4.84152E-10	7.11645E-07	0.711644568
578385.014141496.41	578385.01	4141496	0.001350111	0.000612102	0.000329461	0.000308074	2.32062E-05	2.13273E-05	0.000284619	7.86065E-06	1.23851E-08	7.56427E-08	3.28928E-11	8.80607E-08	0.088060694
578405.014141496.41	578405.01	4141496	0.001471676	0.000675897	0.000364366	0.000340712	2.49362E-05	2.29172E-05	0.00031751	8.6005E-06	1.35376E-08	8.36372E-08	3.59887E-11	9.72109E-08	0.097210865
578425.014141496.41	578425.01	4141496	0.001609413	0.000749785	0.000404719	0.000378446	2.68492E-05	2.46753E-05	0.000356095	9.4466E-06	1.48504E-08	9.2886E-08	3.95292E-11	1.07776E-07	0.107775985
578445.014141496.41	578445.01	4141496	0.001768861	0.000837078	0.000452282	0.000422922	2.9013E-05	2.66639E-05	0.00040241	1.04348E-05	1.63777E-08	1.03801E-07	4.36642E-11	1.20222E-07	0.120222267
578465.014141496.41	578465.01	4141496	0.001957712	0.000943025	0.000509964	0.000476859	3.15113E-05	2.89599E-05	0.000459616	1.16175E-05	1.81977E-08	1.17051E-07	4.86134E-11	1.35298E-07	0.135297728
578485.014141496.41	578485.01	4141496	0.002186707	0.001074813	0.000581494	0.000543745	3.44591E-05	3.16691E-05	0.000532249	1.30691E-05	2.04188E-08	1.33514E-07	5.46874E-11	1.53987E-07	0.153987349
578505.014141496.41	578505.01	4141496	0.002446913	0.001229615	0.000664781	0.000621626	3.77049E-05	3.4652E-05	0.000619309	1.47498E-05	2.29644E-08	1.52739E-07	6.17202E-11	1.75765E-07	0.175765287
578525.014141496.41	578525.01	4141496	0.002795552	0.001443609	0.000779531	0.000728927	4.19228E-05	3.85284E-05	0.000743109	1.70346E-05	2.64035E-08	1.79305E-07	7.12811E-11	2.05779E-07	0.205779339
578545.014141496.41	578545.01	4141496	0.003153576	0.001675772	0.000901123	0.000842625	4.60518E-05	4.23231E-05	0.000880896	1.94679E-05	2.99886E-08	2.0764E-07	8.14633E-11	2.3771E-07	0.237710259
578565.014141496.41	578565.01	4141496	0.003628755	0.001999185	0.001067902	0.000998577	5.13359E-05	4.71794E-05	0.001079614	2.27934E-05	3.48127E-08	2.46762E-07	9.53789E-11	2.8167E-07	0.281670427
578585.014141496.41	578585.01	4141496	0.004238392	0.002443726	0.001290807	0.001207012	5.77908E-05	5.31116E-05	0.001364577	2.72633E-05	4.11294E-08	2.99601E-07	1.14083E-10	3.40844E-07	0.340844478
578605.014141496.41	578605.01	4141496	0.005028171	0.003076824	0.001594622	0.001491105	6.56725E-05	6.03552E-05	0.001792179	3.34676E-05	4.95589E-08	3.72791E-07	1.40045E-10	4.2249E-07	0.422490277
578625.014141496.41	578625.01	4141496	0.006083358	0.004043268	0.002027977	0.001896328	7.54829E-05	6.93713E-05	0.00248891	4.26672E-05	6.13406E-08	4.7988E-07	1.7854E-10	5.41399E-07	0.541399023
578645.014141496.41	578645.01	4141496	0.007593823	0.005721623	0.002706441	0.002530749	8.83927E-05	8.12358E-05	0.003802259	5.81593E-05	7.9476E-08	6.54597E-07	2.43367E-10	7.34316E-07	0.734316251
579085.014141496.41	579085.01	4141496	0.065280277	0.013673221	0.00507277	0.004743463	0.004184352	0.003845557	0.003635994	0.000522717	5.30259E-07	1.59642E-06	2.1873E-09	2.12886E-06	2.128864698
579105.014141496.41	579105.01	4141496	0.050008497	0.011113212	0.004309913	0.004030128	0.002728894	0.002507943	0.003090977	0.000366124	4.08961E-07	1.2634E-06	1.53204E-09	1.67389E-06	1.673894773
579125.014141496.41	579125.01	4141496	0.039746116	0.00924961	0.003705641	0.003465083	0.00192887	0.001772695	0.002662874	0.000274264	3.26833E-07	1.03889E-06	1.14765E-09	1.36687E-06	1.366873149
579145.014141496.41	579145.01	4141496	0.032555212	0.007859702	0.003226484	0.003017032	0.001454235	0.00133649	0.002326369	0.000216318	2.68923E-07	8.78823E-07	9.05181E-10	1.14865E-06	1.148650738
579165.014141496.41	579165.01	4141496	0.027257901	0.006783516	0.002838029	0.002653794	0.001144662	0.001051982	0.002054799	0.000176564	2.26038E-07	7.57599E-07	7.38832E-10	9.84375E-07	0.98437497
579185.014141496.41	579185.01	4141496	0.023160639	0.005915752	0.002513197	0.002350049	0.000926064	0.000851083	0.001827948	0.000147288	1.92715E-07	6.60846E-07	6.16323E-10	8.54178E-07	0.854177645
579205.014141496.41	579205.01	4141496	0.019958324	0.005213045	0.002242115	0.002096564	0.000767221	0.000705102	0.001638745	0.000125221	1.66566E-07	5.82834E-07	5.23987E-10	7.49924E-07	0.749923541
578385.014141516.41	578385.01	4141516	0.001381774	0.000628899	0.000338843	0.000316846	2.36975E-05	2.17788E-05	0.000293538	8.06033E-06	1.26861E-08	7.77926E-08	3.37284E-11	9.05124E-08	0.090512421
578405.014141516.41	578405.01	4141516	0.001511595	0.000697377	0.000376492	0.000352052	2.55373E-05	2.34696E-05	0.000328994	8.85267E-06	1.39184E-08	8.64091E-08	3.70439E-11	1.00365E-07	0.100364519
578425.014141516.41	578425.01	4141516	0.00165883	0.000776756	0.000420204	0.000392926	2.75809E-05	2.53478E-05	0.000370678	9.75893E-06	1.53234E-08	9.64151E-08	4.08361E-11	1.11779E-07	0.111779338
578445.014141516.41	578445.01	4141516	0.001824951	0.00086841	0.000470554	0.000440007	2.98283E-05	2.74132E-05	0.000419466	1.07945E-05	1.69177E-08	1.07951E-07	4.51693E-11	1.24914E-07	0.124913637
578465.014141516.41	578465.01	4141516	0.00202183	0.000979606	0.000531677	0.000497163	3.24208E-05	2.97957E-05	0.000479769	1.20335E-05	1.88182E-08	1.21967E-07	5.03542E-11	1.40836E-07	0.140835568
578485.014141516.41	578485.01	4141516	0.00225795	0.001116562	0.000606976	0.000567573	3.54522E-05	3.25817E-05	0.000555501	1.35401E-05	2.1113E-08	1.39252E-07	5.66585E-11	1.60422E-07	0.160422187
578505.014141516.41	578505.01	4141516	0.002530483	0.001279843	0.000696285	0.000651085	3.8839E-05	3.56944E-05	0.000647599	1.53091E-05	2.37842E-08	1.59798E-07	6.40609E-11	1.83646E-07	0.183646439
578525.014141516.41	578525.01	4141516	0.002899928	0.001507888	0.000821277	0.000767963	4.32817E-05	3.97773E-05	0.000779973	1.77399E-05	2.7434E-08	1.88604E-07	7.42324E-11	2.16112E-07	0.216112187
578545.014141516.41	578545.01	4141516	0.003266773	0.00174756	0.00095012	0.000888442	4.74996E-05	4.36537E-05	0.000922361	2.025E-05	3.11152E-08	2.18456E-07	8.4736E-11	2.49656E-07	0.249655857
578565.014141516.41	578565.01	4141516	0.003767962	0.002089385	0.001132877	0.001059334	5.30502E-05	4.87549E-05	0.001132626	2.3765E-05	3.62064E-08	2.60982E-07	9.94443E-11	2.97288E-07	0.297287507
578585.014141516.41	578585.01	4141516	0.004390603	0.002543132	0.001371062	0.001282057	5.96097E-05	5.47832E-05	0.001423222	2.83334E-05	4.26566E-08	3.16836E-07	1.18561E-10	3.59611E-07	0.359611436
578605.014141516.41	578605.01	4141516	0.005193952	0.003179945	0.001696304	0.001586186	6.76012E-05	6.21277E-05	0.001851263	3.45927E-05	5.12001E-08	3.93968E-07	1.44753E-10	4.45313E-07	0.445313149
578625.014141516.41	578625.01	4141516	0.006269156	0.004135164	0.002163047	0.00202263	7.75736E-05	7.12927E-05	0.002532972	4.37321E-05	6.3078E-08	5.06626E-07	1.82997E-10	5.69887E-07	0.569887475
578645.014141516.41	578645.01	4141516	0.007781429	0.00572235	0.002880881	0.002693865	9.04781E-05	8.31524E-05	0.003755036	5.84704E-05	8.08338E-08	6.85229E-07	2.44669E-10	7.66308E-07	0.766307897
579085.014141516.41	579085.01	4141516	0.055021515	0.012237526	0.004550679	0.004255265	0.003443828	0.003164992	0.003385892	0.000442383	4.50001E-07	1.40203E-06	1.85114E-09	1.85388E-06	1.853879861
579105.014141516.41	579105.01	4141516	0.043282708	0.010062948	0.003893395	0.003640649	0.002304722	0.002118115	0.00289276	0.000317251	3.55872E-07	1.12704E-06	1.32753E-09	1.48424E-06	1.484237549
579125.014141516.41	579125.01	4141516	0.035002013	0.008440634	0.003367904	0.003149271	0.001672128	0.001536741	0.002503462	0.000242643	2.89093E-07	9.38059E-07	1.01534E-09	1.22817E-06	1.228166953
579145.014141516.41	579145.01	4141516	0.028995665	0.007209404	0.002944053	0.002752936	0.001284218	0.001180239	0.002192681	0.000194082	2.4042E-07	7.99509E-07	8.12132E-10	1.04074E-06	1.040741143
579165.014141516.41	579165.01	4141516	0.024489264	0.006248774	0.002598	0.002429347	0.001024753	0.000941782	0.001940513	0.000160042	2.03743E-07	6.92973E-07	6.69693E-10	8.97386E-07	0.897385547
578385.014141536.41	578385.01	4141536	0.001419658	0.000649652	0.000350723	0.000327956	2.42515E-05	2.2288E-05	0.000304804	8.30098E-06	1.3049E-08	8.05019E-08	3.47353E-11	9.35856E-08	0.093585641
578405.014141536.41	578405.01	4141536	0.001551853	0.000719987	0.000389643	0.000364348	2.61122E-05	2.3998E-05	0.000341449	9.11123E-06	1.43065E-08	8.93998E-08	3.81258E-11	1.03744E-07	0.103744384
578425.014141536.41	578425.01	4141536	0.001706891	0.000804293	0.000436346	0.00040802	2.82551E-05	2.59674E-05	0.000386012	1.00725E-05	1.57891E-08	1.00082E-07	4.21484E-11	1.15913E-07	0.115912719
578445.014141536.41	578445.01	4141536	0.001887826	0.000904991	0.000492266	0.00046031	3.06907E-05	2.82058E-05	0.000440151	1.12041E-05	1.75292E-08	1.12875E-07	4.68833E-11	1.30451E-07	0.130450878
578465.014141536.41	578465.01	4141536	0.002094996	0.001023374	0.000558019	0.000521795	3.34034E-05	3.06988E-05	0.000504898	1.25187E-05	1.9535E-08	1.27929E-07	5.23842E-11	1.47516E-07	0.147515957
578485.014141536.41	578485.01	4141536	0.002342424	0.001168809	0.00063893	0.000597453	3.65498E-05	3.35905E-05	0.000586044	1.4111E-05	2.1948E-08	1.46467E-07	5.90474E-11	1.68474E-07	0.168474019
578505.014141536.41	578505.01	4141536	0.002629205	0.001343234	0.000735901	0.000688129	4.0083E-05	3.68376E-05	0.000685434	1.59927E-05	2.477E-08	1.68715E-07	6.69211E-11	1.93552E-07	0.19355175
578525.014141536.41	578525.01	4141536	0.003032124	0.001595423	0.000877198	0.000820253	4.48863E-05	4.12519E-05	0.000833799	1.86692E-05	2.87656E-08	2.01165E-07	7.8121E-11	2.30008E-07	0.230008475
578545.014141536.41	578545.01	4141536	0.003406884	0.001846321	0.001014972	0.000949083	4.91407E-05	4.51619E-05	0.000984386	2.1283E-05	3.25522E-08	2.32961E-07	8.90585E-11	2.65602E-07	0.265602268
578565.014141536.41	578565.01	4141536	0.003945956	0.002221496	0.001222022	0.001142693	5.5052E-05	5.05946E-05	0.001218246	2.51231E-05	3.80606E-08	2.80865E-07	1.05127E-10	3.1903E-07	0.319030488
578585.014141536.41	578585.01	4141536	0.004611456	0.002717961	0.001493596	0.001396637	6.19773E-05	5.69592E-05	0.001540763	3.00986E-05	4.50043E-08	3.44052E-07	1.25947E-10	3.89182E-07	0.389182067
578605.014141536.41	578605.01	4141536	0.00545642	0.00340484	0.001864148	0.001743134	7.02563E-05	6.45678E-05	0.002039329	3.68238E-05	5.40639E-08	4.3096E-07	1.54089E-10	4.85178E-07	0.485178096
578625.014141536.41	578625.01	4141536	0.006593933	0.004434674	0.002408115	0.002251789	8.0652E-05	7.41219E-05	0.00275394	4.66544E-05	6.67131E-08	5.60007E-07	1.95225E-10	6.26915E-07	0.626915215
578645.014141536.41	578645.01	4141536	0.008144768	0.00606474	0.003237627	0.003027452	9.36298E-05	8.60488E-05	0.004017938	6.17869E-05	8.4932E-08	7.60345E-07	2.58547E-10	8.45535E-07	0.845535056
578665.014141536.41	578665.01	4141536	0.010371281	0.008956318	0.004612868	0.004313416	0.000110329	0.000101396	0.006454556	8.78841E-05	1.13463E-07	1.10252E-06	3.6775E-10	1.21635E-06	1.21635326
579105.014141536.41	579105.01	4141536	0.036386049	0.008896561	0.00344902	0.003225121	0.001918433	0.001763103	0.002691696	0.000270828	3.0105E-07	9.88379E-07	1.13328E-09	1.290566E-06	1.290562074
579125.014141536.41	579125.01	4141536	0.030050626	0.007551067	0.003007184	0.002811968	0.00143417	0.00131805	0.002339669	0.000212008	2.49509E-07	8.34114E-07	8.87146E-10	1.08451E-06	1.084509632

579185.014141536.41	579185.01	4141536	0.018645191	0.004998002	0.00209541	0.001959383	0.000749299	0.000688631	0.001628637	0.000121558	1.56158E-07	5.51879E-07	5.08657E-10	7.08546E-07	0.708545671
578385.014141556.41	578385.01	4141556	0.001463308	0.00067412	0.000365267	0.000341555	2.48474E-05	2.28356E-05	0.000318386	8.57874E-06	1.34696E-08	8.37947E-08	3.58976E-11	9.73002E-08	0.097300188
578405.014141556.41	578405.01	4141556	0.001601836	0.000748816	0.000406849	0.000380438	2.67812E-05	2.46128E-05	0.000357628	9.43508E-06	1.47915E-08	9.32933E-08	3.9481E-11	1.08124E-07	0.108124277
578425.014141556.41	578425.01	4141556	0.001762302	0.00083724	0.000456256	0.000426637	2.89764E-05	2.66303E-05	0.000404883	1.04373E-05	1.63311E-08	1.04581E-07	4.36749E-11	1.20955E-07	0.120955418
578445.014141556.41	578445.01	4141556	0.001952171	0.000944479	0.000516396	0.000482874	3.15009E-05	2.89503E-05	0.000463183	1.16367E-05	1.81639E-08	1.1832E-07	4.86937E-11	1.36533E-07	0.136532799
578465.014141556.41	578465.01	4141556	0.002176869	0.001074894	0.000589769	0.000551484	3.44069E-05	3.1621E-05	0.000535473	1.30755E-05	2.03481E-08	1.35089E-07	5.47142E-11	1.55492E-07	0.155491991
578485.014141556.41	578485.01	4141556	0.002438432	0.001231876	0.000678218	0.000634191	3.76892E-05	3.46376E-05	0.000624285	1.47818E-05	2.29129E-08	1.5532E-07	6.18541E-11	1.78295E-07	0.178294734
578505.014141556.41	578505.01	4141556	0.002748509	0.001424713	0.000787151	0.000736052	4.14471E-05	3.80913E-05	0.000736005	1.68464E-05	2.59824E-08	1.8026E-07	7.04937E-11	2.06312E-07	0.206312456
578525.014141556.41	578525.01	4141556	0.003163075	0.001691841	0.0009391	0.000878137	4.63027E-05	4.25537E-05	0.000895605	1.96587E-05	3.01264E-08	2.15082E-07	8.22614E-11	2.45291E-07	0.245290619
578545.014141556.41	578545.01	4141556	0.00358126	0.001979966	0.001101618	0.001030105	5.09648E-05	4.68383E-05	0.001072666	2.26334E-05	3.4387E-08	2.52455E-07	9.47094E-11	2.86937E-07	0.286937119
578565.014141556.41	578565.01	4141556	0.004160024	0.002398747	0.001338984	0.001252062	5.71636E-05	5.25352E-05	0.001339949	2.68793E-05	4.03698E-08	3.07174E-07	1.12476E-10	3.47656E-07	0.34765618
578585.014141556.41	578585.01	4141556	0.004885346	0.002965063	0.001659187	0.001551478	6.45175E-05	5.92937E-05	0.001717919	3.24973E-05	4.80462E-08	3.81334E-07	1.35985E-10	4.29516E-07	0.429516407
578605.014141556.41	578605.01	4141556	0.005830616	0.003775816	0.002114951	0.001977656	7.35125E-05	6.75604E-05	0.00228819	4.03541E-05	5.83637E-08	4.87597E-07	1.68861E-10	5.46129E-07	0.546129222
578625.014141556.41	578625.01	4141556	0.00707341	0.004981286	0.002784485	0.002603726	8.44466E-05	7.76092E-05	0.003190617	5.17451E-05	7.25296E-08	6.45237E-07	2.16527E-10	7.17983E-07	0.717983089
578645.014141556.41	578645.01	4141556	0.008774534	0.006918372	0.003836532	0.003587478	9.80619E-05	9.01221E-05	0.004749937	6.95836E-05	9.3156E-08	8.96566E-07	2.91172E-10	9.90013E-07	0.990013418
578665.014141556.41	578665.01	4141556	0.011194533	0.010338071	0.005616983	0.005252348	0.000115268	0.000105935	0.007741524	0.00010033	1.25359E-07	1.33164E-06	4.19829E-10	1.45742E-06	1.457416734
578685.014141556.41	578685.01	4141556	0.014874063	0.017350358	0.008951294	0.008370207	0.000137758	0.000126604	0.014356117	0.000162333	1.8213E-07	2.17718E-06	6.79281E-10	2.35999E-06	2.359986196
579165.014141556.41	579165.01	4141556	0.018690199	0.005086264	0.002093157	0.001957276	0.0007891	0.000725209	0.001702084	0.000126491	1.56863E-07	5.58464E-07	5.293E-10	7.15856E-07	0.715855963
579185.014141556.41	579185.01	4141556	0.016333526	0.004511712	0.001880781	0.001758687	0.000658712	0.000605378	0.001523676	0.000108243	1.37371E-07	4.95705E-07	4.52941E-10	6.3353E-07	0.63352973
579205.014141556.41	579205.01	4141556	0.014398431	0.004031558	0.001699253	0.001588944	0.000558904	0.000513651	0.001372557	9.38657E-05	1.21331E-07	4.43448E-07	3.9278E-10	5.65171E-07	0.565170932
578385.014141576.41	578385.01	4141576	0.001515327	0.000704322	0.000383579	0.000358679	2.55164E-05	2.34504E-05	0.000335253	8.91411E-06	1.39752E-08	8.79201E-08	3.7301E-11	1.01933E-07	0.101932632
578405.014141576.41	578405.01	4141576	0.001661318	0.000784266	0.000428521	0.000400703	2.75234E-05	2.52949E-05	0.000377782	9.82421E-06	1.53737E-08	9.81719E-08	4.11093E-11	1.13587E-07	0.113586769
578425.014141576.41	578425.01	4141576	0.001832188	0.000880119	0.000482639	0.000451308	2.98231E-05	2.74084E-05	0.000429699	1.0902E-05	1.70204E-08	1.10518E-07	4.56193E-11	1.27584E-07	0.127584119
578445.014141576.41	578445.01	4141576	0.002033591	0.000996322	0.000548515	0.000512907	3.24573E-05	2.98294E-05	0.000493789	1.2191E-05	1.89751E-08	1.25547E-07	5.1013E-11	1.44573E-07	0.14457286
578465.014141576.41	578465.01	4141576	0.002268354	0.001136023	0.000627951	0.000587187	3.54313E-05	3.25625E-05	0.000572431	1.37181E-05	2.1272E-08	1.43677E-07	5.7403E-11	1.65007E-07	0.165006639
578485.014141576.41	578485.01	4141576	0.002550046	0.001309479	0.000727093	0.000679892	3.88913E-05	3.57424E-05	0.000672415	1.55856E-05	2.40531E-08	1.66316E-07	6.52178E-11	1.90434E-07	0.190433823
578505.014141576.41	578505.01	4141576	0.002894161	0.001529933	0.000853601	0.000798188	4.29629E-05	3.94843E-05	0.000802849	1.79204E-05	2.74873E-08	1.95229E-07	7.49876E-11	2.22791E-07	0.222791224
578525.014141576.41	578525.01	4141576	0.003340843	0.001828636	0.001026115	0.000959503	4.80484E-05	4.4158E-05	0.000985356	2.10283E-05	3.19992E-08	2.34705E-07	8.79926E-11	2.66792E-07	0.266791719
578545.014141576.41	578545.01	4141576	0.003821903	0.002173933	0.001224849	0.001145336	5.32384E-05	4.89278E-05	0.001203476	2.45484E-05	3.696E-08	2.8032E-07	1.02722E-10	3.17382E-07	0.317382285
578565.014141576.41	578565.01	4141576	0.004457209	0.002659173	0.001504903	0.00140721	5.97769E-05	5.49369E-05	0.00152255	2.93984E-05	4.36373E-08	3.44799E-07	1.23017E-10	3.88559E-07	0.388558868
578585.014141576.41	578585.01	4141576	0.005266213	0.003332405	0.001892293	0.001769452	6.76116E-05	6.21373E-05	0.001986453	3.59803E-05	5.23785E-08	4.3445E-07	1.50559E-10	4.86979E-07	0.48697945
578605.014141576.41	578605.01	4141576	0.006325358	0.004313303	0.002451541	0.002292396	7.71607E-05	7.09132E-05	0.00269977	4.53462E-05	6.42511E-08	5.6488E-07	1.89751E-10	6.29321E-07	0.629320552
578625.014141576.41	578625.01	4141576	0.007754515	0.005830881	0.003298218	0.003084109	8.89781E-05	8.17738E-05	0.00387314	5.9488E-05	8.11069E-08	7.64755E-07	2.48927E-10	8.46111E-07	0.846110787
578645.014141576.41	578645.01	4141576	0.00976956	0.008385399	0.004659284	0.00435682	0.000103973	9.55548E-05	0.005984081	8.27358E-05	1.06659E-07	1.09249E-06	3.46207E-10	1.19949E-06	1.199494732
578665.014141576.41	578665.01	4141576	0.012637147	0.012983597	0.006900989	0.006453001	0.000122559	0.000112636	0.010036317	0.000123672	1.4717E-07	1.65017E-06	5.17506E-10	1.79786E-06	1.797859526
578685.014141576.41	578685.01	4141576	0.017008864	0.021963252	0.010731294	0.010034656	0.00014645	0.000134592	0.018067405	0.000201708	2.17413E-07	2.64175E-06	8.44045E-10	2.86E-06	2.860004745
578705.014141576.41	578705.01	4141576	0.02427169	0.036653145	0.016970207	0.015868559	0.000178421	0.000163975	0.029324378	0.000324506	3.33126E-07	4.2108E-06	1.35789E-09	4.54529E-06	4.545288188
579145.014141576.41	579145.01	4141576	0.018217394	0.005080531	0.002051738	0.001918547	0.000811648	0.000745931	0.001771557	0.00012904	1.53424E-07	5.55049E-07	5.39964E-10	7.09013E-07	0.709013266
579165.014141576.41	579165.01	4141576	0.015982513	0.004509047	0.001847269	0.001727351	0.000673728	0.000619178	0.00157794	0.000109895	1.34825E-07	4.92571E-07	4.59856E-10	6.27856E-07	0.627856316
579185.014141576.41	579185.01	4141576	0.014136981	0.004033093	0.0016716	0.001563086	0.000569263	0.000523172	0.001415274	9.50587E-05	1.19449E-07	4.40632E-07	3.97772E-10	5.60479E-07	0.56047915
579205.014141576.41	579205.01	4141576	0.012587842	0.003626747	0.001519815	0.001421154	0.00048789	0.000448387	0.001277142	8.31045E-05	1.06513E-07	3.9681E-07	3.4775E-10	5.03672E-07	0.503671568
579225.014141576.41	579225.01	4141576	0.011277763	0.003279109	0.001387777	0.001297687	0.000423121	0.000388863	0.001158788	7.3352E-05	9.55564E-08	3.59435E-07	3.0694E-10	4.55299E-07	0.455298614
579245.014141576.41	579245.01	4141576	0.010157778	0.002976287	0.00127233	0.001189735	0.00037061	0.000340602	0.001056581	6.5188E-05	8.61651E-08	3.27238E-07	2.72778E-10	4.13676E-07	0.413675808
579265.014141576.41	579265.01	4141576	0.0092012	0.002718849	0.001170567	0.001094578	0.000327417	0.000300907	0.000967424	5.84819E-05	7.81492E-08	2.99307E-07	2.44717E-10	3.77701E-07	0.377701255
578385.014141596.41	578385.01	4141596	0.001576279	0.00074066	0.000405989	0.000379633	2.62533E-05	2.41277E-05	0.00035572	9.31092E-06	1.45719E-08	9.29488E-08	3.89614E-11	1.0756E-07	0.107559677
578405.014141596.41	578405.01	4141596	0.001736293	0.000829891	0.000456748	0.000427097	2.84119E-05	2.61115E-05	0.000403912	1.0317E-05	1.61116E-08	1.04509E-07	4.31714E-11	1.20664E-07	0.120664027
578425.014141596.41	578425.01	4141596	0.001918132	0.000934385	0.000516355	0.000482835	3.08005E-05	2.83067E-05	0.000461337	1.14806E-05	1.78747E-08	1.18087E-07	4.80403E-11	1.3601E-07	0.136010068
578445.014141596.41	578445.01	4141596	0.002136158	0.001063346	0.000590261	0.000551943	3.35811E-05	3.08621E-05	0.000533658	1.2895E-05	2.00044E-08	1.34925E-07	5.3959E-11	1.54984E-07	0.154983598
578465.014141596.41	578465.01	4141596	0.002392068	0.001220086	0.000680513	0.000636336	3.67379E-05	3.37634E-05	0.000623565	1.45885E-05	2.25273E-08	1.55494E-07	6.10453E-11	1.78083E-07	0.178082654
578485.014141596.41	578485.01	4141596	0.002699883	0.001416153	0.000793911	0.000742373	4.04018E-05	3.71306E-05	0.00073879	1.66724E-05	2.55945E-08	1.81354E-07	6.97653E-11	2.07019E-07	0.207018555
578505.014141596.41	578505.01	4141596	0.003085839	0.001672542	0.000942828	0.000881623	4.48183E-05	4.11895E-05	0.000893821	1.93515E-05	2.94856E-08	2.15355E-07	8.09759E-11	2.44921E-07	0.244921318
578525.014141596.41	578525.01	4141596	0.003571987	0.002012428	0.001140906	0.001066843	5.0139E-05	4.60794E-05	0.00110612	2.2837E-05	3.44598E-08	2.60662E-07	9.5561E-11	2.95218E-07	0.29521767
578545.014141596.41	578545.01	4141596	0.004127117	0.002429917	0.001383516	0.001293703	5.58622E-05	5.13392E-05	0.001376313	2.70303E-05	4.02664E-08	3.1634E-07	1.13108E-10	3.56719E-07	0.356719462
578565.014141596.41	578565.01	4141596	0.004864538	0.003024416	0.001728054	0.001615874	6.30749E-05	5.79679E-05	0.001776282	3.28813E-05	4.81516E-08	3.95739E-07	1.37592E-10	4.44028E-07	0.444027849
578585.014141596.41	578585.01	4141596	0.005799517	0.003852611	0.002202663	0.002059674	7.15891E-05	6.57927E-05	0.00235879	4.08521E-05	5.84699E-08	5.05852E-07	1.70945E-10	5.64493E-07	0.56449285
578605.014141596.41	578605.01	4141596	0.00702795	0.005069468	0.002884978	0.002697695	8.18855E-05	7.52555E-05	0.003256053	5.22994E-05	7.25811E-08	6.65727E-07	2.18846E-10	7.38527E-07	0.738527252
578625.014141596.41	578625.01	4141596	0.00871098	0.006970861	0.003909618	0.003655819	9.4696E-05	8.70287E-05	0.004724933	6.97884E-05	9.29232E-08	9.09359E-07	2.92029E-10	1.002257E-06	1.002573943
578645.014141596.41	578645.01	4141596	0.01110056	0.010107684	0.005493876	0.005137232	0.000110867	0.000101891	0.007243541	9.80117E-05	1.23688E-07	1.29394E-06	4.10129E-10	1.41804E-06	1.418038844
578665.014141596.41	578665.01	4141596	0.014665536	0.015482073	0.00798704	0.007468549	0.0001318	0.000121128	0.011605276	0.000145282	1.72577E-07	1.91325E-06	6.0793E-10	2.08643E-06	2.08643349
578685.014141596.41	578685.01	4141596	0.020142198	0.023981171	0.011746307	0.010983778	0.000158759	0.000145904	0.018102141	0.000218109	2.48729E-07	2.84865E-06	9.12674E-10	3.09829E-06	3.098290322
578705.014141596.41	578705.01	4141596	0.028839495	0.034524999	0.016826206	0.015733906	0.000193437	0.000177775	0.024525841	0.000307448	3.56942E-07	4.04337E-06	1.28651E-09	4.4016E-06	4.401601599
578725.014141596.41	578725.01	4141596	0.043916205	0.045789379	0.023158811	0.021655421	0.000242406	0.000222779	0.027922028	0.000406213	5.14323E-07	5.39766E-06	1.69979E-09	5.91369E-06	5.913685873
578745.014141596.41	578745.01	4141596	0.069904172	0.05686601	0.030422855	0.028447908	0.000313681	0.000288283	0.026545528	0.000506308	7.49681E-07	6.80081E-06	2.11864E-09	7.55261E-06	7.552607638
579105.014141596.41	579105.01	4141596	0.019706372	0.005610589	0.002185211	0.002043355	0.000992379	0.000912029	0.002089066	0.000152656	1.66459E-07	6.1191E-07	6.38787E-10	7.79007E-07	0.779007477
579145.014141596.41	579145.01	4141596	0.015240116	0.004424903	0.00177869	0.001663223	0.00066917	0.000614989	0.001624537	0.000108958	1.29102E-07	4.7997E-07	4.55935E-10	6.09528E-07	0.609527797
579165.014141596.41	579165.01	4141596	0.013552789	0.003965099	0.00161568	0.001510795	0.00056516	0.000519401	0.001450542	9.41537E-05	1.14938E-07	4.30253E-07	3.93985E-10	5.45585E-07	0.545585377
579185.014141596.41	579185.01	4141596	0.012126572	0.00357337	0.001473604	0.001377943	0.000484221	0.000445015	0.001304023	8.23352E-05	1.02953E-07	3.88176E-07	3.44531E-10	4.91473E-07	0.491473408
579205.014141596.41	579205.01	4141596	0.01090877	0.003237037	0.001349103	0.001261524	0.000419844	0.000385851	0.001179254	7.27158E-05	9.27109E-08	3.52163E-07	3.04278E-10	4.45178E-07	0.445178236
579225.014141596.41	579225.01	4141596	0.009862855	0.002944713	0.001239556	0.001159088	0.000367714	0.000337941	0.001072197	6.47195E-05	8.38996E-08	3.21061E-07	2.70818E-10	4.05232E-07	0.405231584

579245.014141596.41	579245.01	4141596	0.008958182	0.002689375	0.001142791	0.001068605	0.000324892	0.000298587	0.000979535	5.79904E-05	7.62675E-08	2.94009E-07	2.4266E-10	3.70519E-07	0.370518817
579265.014141596.41	579265.01	4141596	0.008169194	0.002468275	0.001056554	0.000987966	0.000289106	0.000265697	0.000898515	5.23608E-05	6.96182E-08	2.70258E-07	2.19103E-10	3.40095E-07	0.340095429
579285.014141596.41	579285.01	4141596	0.007466942	0.002262114	0.000979576	0.000915985	0.000258608	0.000237669	0.000827352	4.72304E-05	6.36595E-08	2.49149E-07	1.97635E-10	3.13007E-07	0.313006581
579305.014141596.41	579305.01	4141596	0.006869745	0.002092373	0.000911406	0.00085224	0.000233531	0.000214623	0.000765077	4.31203E-05	5.86162E-08	2.30813E-07	1.80436E-10	2.89609E-07	0.28960938
579325.014141596.41	579325.01	4141596	0.006334066	0.001938863	0.000849668	0.00079451	0.000211579	0.000194448	0.000709405	3.94812E-05	5.40871E-08	2.14307E-07	1.65208E-10	2.6856E-07	0.268559594
579345.014141596.41	579345.01	4141596	0.005858773	0.001805056	0.000793747	0.00074222	0.000192523	0.000176935	0.000659491	3.6395E-05	5.00788E-08	1.99512E-07	1.52295E-10	2.49743E-07	0.249743272
578385.014141616.41	578385.01	4141616	0.001645939	0.000783297	0.000432454	0.00040438	2.70478E-05	2.48578E-05	0.000379816	9.76917E-06	1.52585E-08	9.88749E-08	4.0879E-11	1.14174E-07	0.114174316
578405.014141616.41	578405.01	4141616	0.001821672	0.000883511	0.000490013	0.000458203	2.93632E-05	2.69857E-05	0.000434674	1.08879E-05	1.6959E-08	1.11965E-07	4.55603E-11	1.2897E-07	0.128969918
578425.014141616.41	578425.01	4141616	0.002026241	0.001003832	0.000559412	0.000523097	3.19817E-05	2.93923E-05	0.000501831	1.22102E-05	1.89544E-08	1.2775E-07	5.10934E-11	1.46756E-07	0.146755743
578445.014141616.41	578445.01	4141616	0.002264848	0.001149024	0.000643478	0.000601705	3.49295E-05	3.21014E-05	0.000584604	1.37833E-05	2.13027E-08	1.46877E-07	5.76762E-11	1.68238E-07	0.168237715
578465.014141616.41	578465.01	4141616	0.002549141	0.001328698	0.000747863	0.000699315	3.83164E-05	3.5214E-05	0.000689377	1.56983E-05	2.41293E-08	1.70643E-07	6.56892E-11	1.94838E-07	0.194837628
578485.014141616.41	578485.01	4141616	0.00289303	0.001555289	0.000879902	0.000822782	4.22573E-05	3.88358E-05	0.00082488	1.8074E-05	2.75884E-08	2.00735E-07	7.56304E-11	2.28399E-07	0.228399063
578505.014141616.41	578505.01	4141616	0.00332275	0.001851731	0.00105299	0.000984633	4.69665E-05	4.31637E-05	0.001007105	2.11281E-05	3.1968E-08	2.40244E-07	8.84104E-11	2.72301E-07	0.272300513
578525.014141616.41	578525.01	4141616	0.003888509	0.00226171	0.001292691	0.001208774	5.28882E-05	4.8606E-05	0.001267065	2.52754E-05	3.7819E-08	2.9508E-07	1.05765E-10	3.33005E-07	0.333005218
578545.014141616.41	578545.01	4141616	0.004511037	0.002751877	0.001576023	0.001473713	5.89511E-05	5.4178E-05	0.001587798	3.01242E-05	4.44253E-08	3.60195E-07	1.26054E-10	4.04747E-07	0.404746575
578565.014141616.41	578565.01	4141616	0.00537466	0.003474448	0.001990369	0.001861161	6.69165E-05	6.14984E-05	0.002076079	3.71438E-05	5.37734E-08	4.55868E-07	1.55428E-10	5.09797E-07	0.509796965
578585.014141616.41	578585.01	4141616	0.006476665	0.004481914	0.002556172	0.002390234	7.63035E-05	7.01254E-05	0.002780383	4.67248E-05	6.60698E-08	5.87515E-07	1.9552E-10	6.53781E-07	0.653780672
578605.014141616.41	578605.01	4141616	0.007951394	0.005960973	0.003361144	0.00314295	8.78073E-05	8.06978E-05	0.003845758	6.05056E-05	8.30888E-08	7.76684E-07	2.53185E-10	8.60026E-07	0.860025795
578625.014141616.41	578625.01	4141616	0.009983855	0.008198862	0.004525976	0.004232165	0.000102123	9.38544E-05	0.005491137	8.09451E-05	1.07403E-07	1.0538E-06	3.38714E-10	1.16154E-06	1.161538029
578645.014141616.41	578645.01	4141616	0.012827241	0.011580526	0.006196798	0.005794523	0.000119847	0.000110143	0.00797867	0.000111234	1.425E-07	1.45597E-06	4.65459E-10	1.59894E-06	1.598936827
578665.014141616.41	578665.01	4141616	0.017059526	0.016643856	0.008602742	0.008044281	0.000143011	0.000131432	0.011529356	0.000155806	1.94868E-07	2.03606E-06	6.51969E-10	2.23158E-06	2.231581843
578685.014141616.41	578685.01	4141616	0.023552136	0.023475743	0.011891414	0.011119465	0.000173822	0.000159748	0.015677947	0.000215322	2.71174E-07	2.81021E-06	9.01014E-10	3.08229E-06	3.082285471
578705.014141616.41	578705.01	4141616	0.033606103	0.031300075	0.015980307	0.014942921	0.000215065	0.000197652	0.019009575	0.000284181	3.7747E-07	3.72008E-06	1.18915E-09	4.09874E-06	4.098741854
578725.014141616.41	578725.01	4141616	0.048961565	0.039237138	0.020557615	0.019223086	0.000270797	0.000248871	0.020273229	0.00035574	5.22533E-07	4.66901E-06	1.48859E-09	5.19303E-06	5.1930283
578745.014141616.41	578745.01	4141616	0.072369179	0.047563184	0.025515471	0.023859095	0.000351768	0.000323286	0.019950086	0.000433585	7.27412E-07	5.65357E-06	1.81433E-09	6.3828E-06	6.382801696
579065.014141616.41	579065.01	4141616	0.020850331	0.00610552	0.002246867	0.002101008	0.001181181	0.001085544	0.002514071	0.000176055	1.7685E-07	6.58967E-07	7.367E-10	8.36554E-07	0.836553884
579085.014141616.41	579085.01	4141616	0.018151918	0.005368978	0.002029452	0.001897707	0.000939517	0.000863447	0.002162138	0.000145186	1.54194E-07	5.77425E-07	6.07528E-10	7.32226E-07	0.732226197
579105.014141616.41	579105.01	4141616	0.015986697	0.004767131	0.001840714	0.001721222	0.00076858	0.000706351	0.001884027	0.000122397	1.35967E-07	5.11845E-07	5.12171E-10	6.48324E-07	0.648324408
579125.014141616.41	579125.01	4141616	0.014202457	0.004267194	0.001675533	0.001566763	0.000641495	0.000589555	0.001658961	0.000104987	1.2093E-07	4.57582E-07	4.39315E-10	5.78951E-07	0.578951377
579165.014141616.41	579165.01	4141616	0.011437777	0.003467261	0.001403426	0.001312321	0.000467772	0.000429898	0.001320734	7.98391E-05	9.75222E-08	3.73041E-07	3.34086E-10	4.70898E-07	0.470897787
579185.014141616.41	579185.01	4141616	0.010345158	0.003149905	0.001290356	0.00120659	0.000406563	0.000373645	0.001190676	7.07471E-05	8.82659E-08	3.39498E-07	2.9604E-10	4.2806E-07	0.428060211
579205.014141616.41	579205.01	4141616	0.009399889	0.002871713	0.001190108	0.001112851	0.000356968	0.000328065	0.001079895	6.31041E-05	8.02422E-08	3.10402E-07	2.64058E-10	3.90909E-07	0.390908638
579225.014141616.41	579225.01	4141616	0.008576184	0.002628407	0.001100881	0.001029415	0.000316138	0.000290541	0.000984667	5.6613E-05	7.32466E-08	2.84987E-07	2.36897E-10	3.5847E-07	0.358469995
579245.014141616.41	579245.01	4141616	0.007852785	0.002413686	0.001020994	0.000954715	0.000281982	0.00025915	0.000901926	5.11153E-05	6.70983E-08	2.62582E-07	2.13891E-10	3.29894E-07	0.329894192
579265.014141616.41	579265.01	4141616	0.007214199	0.002224887	0.000949219	0.000887599	0.000253089	0.000232597	0.00082948	4.64215E-05	6.16742E-08	2.42733E-07	1.9425E-10	3.04602E-07	0.304601798
579285.014141616.41	579285.01	4141616	0.006621413	0.002045133	0.000882647	0.000825348	0.000227442	0.000209027	0.000764232	4.20643E-05	5.66196E-08	2.24447E-07	1.76017E-10	2.81243E-07	0.281242579
579305.014141616.41	579305.01	4141616	0.006129044	0.001899052	0.000825374	0.000771793	0.000206682	0.000189947	0.000708591	3.86031E-05	5.24352E-08	2.08955E-07	1.61534E-10	2.61551E-07	0.261551306
579325.014141616.41	579325.01	4141616	0.005691522	0.00176896	0.00077355	0.000723334	0.000188791	0.000173505	0.000659147	3.55822E-05	4.87157E-08	1.95075E-07	1.48893E-10	2.4394E-07	0.243940058
579345.014141616.41	579345.01	4141616	0.005292222	0.001654372	0.000725331	0.000678245	0.000172818	0.000158826	0.000613989	3.29901E-05	4.53389E-08	1.82322E-07	1.38047E-10	2.27799E-07	0.2277986
578385.014141636.41	578385.01	4141636	0.001732222	0.000836513	0.000465351	0.000435142	2.80043E-05	2.57368E-05	0.000409764	1.03362E-05	1.61107E-08	1.0624E-07	4.32518E-11	1.22394E-07	0.122394079
578405.014141636.41	578405.01	4141636	0.001924126	0.000948597	0.000530243	0.000495822	3.04608E-05	2.79945E-05	0.000471852	1.15727E-05	1.79792E-08	1.20979E-07	4.84259E-11	1.39006E-07	0.139006226
578425.014141636.41	578425.01	4141636	0.002149955	0.001084746	0.000609311	0.000569756	3.32622E-05	3.05691E-05	0.000548773	1.30512E-05	2.01962E-08	1.38944E-07	5.46124E-11	1.59195E-07	0.159194742
578445.014141636.41	578445.01	4141636	0.002419773	0.001253033	0.000707387	0.000661466	3.64871E-05	3.35328E-05	0.000645847	1.48522E-05	2.28693E-08	1.61237E-07	6.21487E-11	1.84169E-07	0.184168921
578465.014141636.41	578465.01	4141636	0.00274342	0.001462989	0.00082988	0.000776007	4.02032E-05	3.69481E-05	0.000769646	1.70628E-05	2.61105E-08	1.8911E-07	7.13989E-11	2.15292E-07	0.215292065
578485.014141636.41	578485.01	4141636	0.003129489	0.001725031	0.00098273	0.000918935	4.44368E-05	4.08388E-05	0.000927744	1.97739E-05	3.00269E-08	2.23939E-07	8.27435E-11	2.54049E-07	0.254048778
578505.014141636.41	578505.01	4141636	0.00361462	0.002069358	0.001183226	0.001106415	4.9517E-05	4.55078E-05	0.001140512	2.32773E-05	3.50129E-08	2.69717E-07	9.74036E-11	3.04827E-07	0.304827007
578525.014141636.41	578525.01	4141636	0.004231154	0.002529646	0.001449638	0.001355532	5.56374E-05	5.11326E-05	0.00143186	2.78777E-05	4.14472E-08	3.30724E-07	1.16654E-10	3.72287E-07	0.372287369
578545.014141636.41	578545.01	4141636	0.004984407	0.003128667	0.001792414	0.001676056	6.26411E-05	5.75692E-05	0.001820657	3.37505E-05	4.94662E-08	4.09546E-07	1.41228E-10	4.59154E-07	0.459153655
578565.014141636.41	578565.01	4141636	0.005980113	0.003967199	0.002264442	0.002117442	7.13173E-05	6.55429E-05	0.002376533	4.183E-05	6.02675E-08	5.18645E-07	1.75037E-10	5.79088E-07	0.579087765
578585.014141636.41	578585.01	4141636	0.007310434	0.005155953	0.00291767	0.002728265	8.20789E-05	7.54332E-05	0.003177317	5.30827E-05	7.49933E-08	6.7058E-07	2.22124E-10	7.45795E-07	0.745795304
578605.014141636.41	578605.01	4141636	0.00906957	0.006824538	0.003805643	0.003558593	9.50775E-05	8.73794E-05	0.004310412	6.86018E-05	9.48822E-08	8.78608E-07	2.87063E-10	9.73777E-07	0.973776982
578625.014141636.41	578625.01	4141636	0.01145621	0.009177822	0.005015251	0.004689679	0.000111066	0.000102073	0.005893172	9.01446E-05	1.22251E-07	1.16362E-06	3.77209E-10	1.28625E-06	1.286252118
578645.014141636.41	578645.01	4141636	0.014835501	0.012476069	0.006663951	0.00623135	0.000131538	0.000120888	0.008013	0.000119959	1.60858E-07	1.55196E-06	5.01967E-10	1.71332E-06	1.713315296
578665.014141636.41	578665.01	4141636	0.019670072	0.016785253	0.008812455	0.008240381	0.000157891	0.000145107	0.010490331	0.00015863	2.14327E-07	2.05091E-06	6.63785E-10	2.2659E-06	2.265895863
578685.014141636.41	578685.01	4141636	0.026853173	0.022012027	0.011504844	0.01075799	0.000193657	0.000177977	0.012847994	0.000205831	2.88705E-07	2.65584E-06	8.61297E-10	2.94541E-06	2.945408695
578705.014141636.41	578705.01	4141636	0.03743513	0.027711928	0.014595357	0.013647877	0.000242552	0.000222913	0.014394609	0.000258536	3.89664E-07	3.31874E-06	1.08184E-09	3.70948E-06	3.709483545
578725.014141636.41	578725.01	4141636	0.052504941	0.033360389	0.017741298	0.016589595	0.000308815	0.000283811	0.014807784	0.000312945	5.22807E-07	3.96442E-06	1.30951E-09	4.48854E-06	4.488538963
579045.014141636.41	579045.01	4141636	0.019015881	0.005839279	0.002020767	0.001889586	0.001103816	0.001014443	0.002602132	0.000163572	1.62458E-07	6.09262E-07	6.84466E-10	7.72404E-07	0.772403782
579065.014141636.41	579065.01	4141636	0.01656761	0.005107018	0.001841493	0.001721949	0.000873123	0.000802429	0.002214868	0.000134836	1.41626E-07	5.34947E-07	5.64218E-10	6.77137E-07	0.677136933
579085.014141636.41	579085.01	4141636	0.014630141	0.004529719	0.001684382	0.001575038	0.000713095	0.000655357	0.001914852	0.000114103	1.25149E-07	4.75956E-07	4.77462E-10	6.01583E-07	0.601582958
579105.014141636.41	579105.01	4141636	0.013042101	0.00405538	0.001545543	0.001445212	0.000596881	0.000548553	0.001676454	9.82805E-05	1.1164E-07	4.27548E-07	4.11254E-10	5.39598E-07	0.539598391
579125.014141636.41	579125.01	4141636	0.011723993	0.003652588	0.001422435	0.001330096	0.000508885	0.000467682	0.00148362	8.56671E-05	1.00387E-07	3.86875E-07	3.58473E-10	4.8762E-07	0.487620212
579165.014141636.41	579165.01	4141636	0.009643359	0.003017633	0.00121346	0.001134686	0.00038399	0.000352899	0.00119052	6.73102E-05	8.26287E-08	3.218E-07	2.81659E-10	4.04711E-07	0.404710614
579185.014141636.41	579185.01	4141636	0.008812417	0.002759387	0.001125379	0.001052324	0.000338999	0.000311551	0.00107808	6.01843E-05	7.55165E-08	2.95562E-07	2.51841E-10	3.7133E-07	0.371330138
579205.014141636.41	579205.01	4141636	0.00808065	0.002532554	0.001045657	0.000977776	0.000301414	0.00027701	0.000981413	5.42232E-05	6.92557E-08	2.72346E-07	2.26896E-10	3.41829E-07	0.341828942
579225.014141636.41	579225.01	4141636	0.007434148	0.002331157	0.000973718	0.000910507	0.000269856	0.000248006	0.000897858	4.91057E-05	6.372E-08	2.51775E-07	2.05482E-10	3.157E-07	0.315700169
579245.014141636.41	579245.01	4141636	0.006859341	0.002154068	0.000908497	0.000849521	0.000243007	0.000223331	0.000824974	4.47293E-05	5.88068E-08	2.33441E-07	1.87169E-10	2.92434E-07	0.292434485
579265.014141636.41	579265.01	4141636	0.006345148	0.001993047	0.000849463	0.000794319	0.000220015	0.000202201	0.000761103	4.0847E-05	5.44005E-08	2.1703E-07	1.70924E-10	2.71601E-07	0.27160135
579285.014141636.41	579285.01	4141636	0.005873587	0.001846967	0.000795017	0.000743407	0.000199652	0.000183487	0.000704085	3.73998E-05	5.03663E-08	2.02057E-07	1.56499E-10	2.5258E-07	0.252579848

579305.014141636.41	579305.01	4141636	0.005464223	0.001721316	0.000746306	0.000697859	0.000182509	0.000167731	0.000654108	3.44967E-05	4.68692E-08	1.88854E-07	1.44351E-10	2.35867E-07	0.235867408
579325.014141636.41	579325.01	4141636	0.005093873	0.001607859	0.000701734	0.00065618	0.000167456	0.000153897	0.00060942	3.19175E-05	4.37064E-08	1.76882E-07	1.33558E-10	2.20722E-07	0.220721526
579345.014141636.41	579345.01	4141636	0.004761066	0.001506434	0.000660848	0.000617948	0.000154342	0.000141846	0.00056927	2.9648E-05	4.08664E-08	1.66022E-07	1.24062E-10	2.07013E-07	0.207012512
578385.014141656.41	578385.01	4141656	0.001838747	0.000902165	0.00050554	0.000472722	2.91646E-05	2.68032E-05	0.000446441	1.10326E-05	1.71627E-08	1.15246E-07	4.61656E-11	1.32455E-07	0.132454741
578405.014141656.41	578405.01	4141656	0.002051572	0.001029027	0.000579323	0.000541715	3.1804E-05	2.92289E-05	0.000517291	1.24163E-05	1.92458E-08	1.31988E-07	5.19557E-11	1.51285E-07	0.151285494
578425.014141656.41	578425.01	4141656	0.00229866	0.001181325	0.000668058	0.00062469	3.47623E-05	3.19477E-05	0.00060385	1.40521E-05	2.16859E-08	1.52131E-07	5.8801E-11	1.73876E-07	0.17387551
578445.014141656.41	578445.01	4141656	0.002599351	0.00137287	0.000779736	0.000729118	3.82275E-05	3.51324E-05	0.000714819	1.60797E-05	2.46821E-08	1.77504E-07	6.72853E-11	2.02253E-07	0.202253473
578465.014141656.41	578465.01	4141656	0.002974225	0.001619891	0.000923696	0.000863733	4.23827E-05	3.89511E-05	0.000860618	1.86551E-05	2.84529E-08	2.10249E-07	7.80621E-11	2.3878E-07	0.238780294
578485.014141656.41	578485.01	4141656	0.003418306	0.001925619	0.001101127	0.001029645	4.70658E-05	4.3255E-05	0.001044533	2.17873E-05	3.29763E-08	2.50681E-07	9.11689E-11	2.83748E-07	0.283748188
578505.014141656.41	578505.01	4141656	0.0039956	0.002337214	0.001338903	0.001251986	5.2883E-05	4.86012E-05	0.001296513	2.59423E-05	3.89175E-08	3.04973E-07	1.08555E-10	3.43999E-07	0.343998958
578525.014141656.41	578525.01	4141656	0.004676479	0.002849264	0.001631124	0.001525237	5.9317E-05	5.45142E-05	0.001615337	3.10189E-05	4.60393E-08	3.71916E-07	1.29798E-10	4.18085E-07	0.418084768
578545.014141656.41	578545.01	4141656	0.005556387	0.003538404	0.002019292	0.001888207	6.71674E-05	6.1729E-05	0.002050199	3.77493E-05	5.5361E-08	4.61143E-07	1.57961E-10	5.16662E-07	0.516661936
578565.014141656.41	578565.01	4141656	0.00671007	0.004476665	0.002538065	0.002373302	7.68262E-05	7.06058E-05	0.002646413	4.6776E-05	6.77326E-08	5.80861E-07	1.95734E-10	6.48789E-07	0.648789307
578585.014141656.41	578585.01	4141656	0.008233087	0.005753924	0.003228368	0.003018794	8.87167E-05	8.15336E-05	0.003456522	5.88966E-05	8.4231E-08	7.40781E-07	2.46452E-10	8.25259E-07	0.825258916
578605.014141656.41	578605.01	4141656	0.010274933	0.007488564	0.004142806	0.003873869	0.000103513	9.51321E-05	0.004537419	7.51568E-05	1.06446E-07	9.53162E-07	3.14493E-10	1.05992E-06	1.05992204
578625.014141656.41	578625.01	4141656	0.013085186	0.009824971	0.005347581	0.005000434	0.000122465	0.000112549	0.005928534	9.6875E-05	1.36801E-07	1.23261E-06	4.05372E-10	1.36982E-06	1.369819262
578645.014141656.41	578645.01	4141656	0.016879609	0.012763062	0.006848715	0.00640412	0.000146068	0.000134242	0.007525063	0.000124063	1.76854E-07	1.57764E-06	5.19139E-10	1.75501E-06	1.75500987
578665.014141656.41	578665.01	4141656	0.022157244	0.016272315	0.008662391	0.008100058	0.000176859	0.000162539	0.009113956	0.000156748	2.30076E-07	1.98575E-06	6.55911E-10	2.21648E-06	2.21648137
578685.014141656.41	578685.01	4141656	0.029791663	0.020314694	0.010787461	0.010087176	0.000220083	0.000202263	0.010429621	0.000195319	3.02613E-07	2.45021E-06	8.17312E-10	2.75364E-06	2.753642649
578705.014141656.41	578705.01	4141656	0.040045789	0.024275514	0.012900733	0.012063262	0.000276363	0.000253987	0.011047584	0.000234893	3.93714E-07	2.8955E-06	9.82906E-10	3.2902E-06	3.290197194
578725.014141656.41	578725.01	4141656	0.054437775	0.028342199	0.014881679	0.013915612	0.000357783	0.000328815	0.011265954	0.000278624	5.15149E-07	3.31052E-06	1.1659E-09	3.82683E-06	3.826834245
579005.014141656.41	579005.01	4141656	0.020486992	0.006556521	0.001972057	0.001844037	0.001308062	0.001202152	0.003212022	0.000188531	1.76169E-07	6.4493E-07	7.88907E-10	8.21888E-07	0.821888227
579025.014141656.41	579025.01	4141656	0.017474092	0.005584748	0.001796388	0.001679772	0.001006742	0.000925229	0.002644317	0.00015041	1.50229E-07	5.56739E-07	6.29387E-10	7.07597E-07	0.707597351
579045.014141656.41	579045.01	4141656	0.015168986	0.004849256	0.001646856	0.001539948	0.000800907	0.00073606	0.002229733	0.000123992	1.30416E-07	4.8973E-07	5.18845E-10	6.20666E-07	0.620665737
579065.014141656.41	579065.01	4141656	0.013372419	0.004281971	0.001516743	0.001418281	0.000654441	0.000601453	0.001914883	0.000104965	1.15001E-07	4.368E-07	4.39224E-10	5.5224E-07	0.552239815
579085.014141656.41	579085.01	4141656	0.011919063	0.003824187	0.001401747	0.00131075	0.000547358	0.00050304	0.001668505	9.05069E-05	1.02535E-07	3.9365E-07	3.78725E-10	4.96563E-07	0.496563356
579105.014141656.41	579105.01	4141656	0.01072874	0.003448042	0.001299164	0.001214827	0.000466905	0.000429101	0.001471259	7.92567E-05	9.23197E-08	3.5766E-07	3.31649E-10	4.50312E-07	0.450311516
579125.014141656.41	579125.01	4141656	0.009733374	0.003128506	0.001206823	0.00112848	0.000404713	0.000371945	0.001310032	7.02684E-05	8.37562E-08	3.26959E-07	2.94037E-10	4.11009E-07	0.411009233
579145.014141656.41	579145.01	4141656	0.008886487	0.002854997	0.001123454	0.001050523	0.000355337	0.000326567	0.001176281	6.27649E-05	7.64631E-08	3.00413E-07	2.62639E-10	3.77139E-07	0.377138733
579185.014141656.41	579185.01	4141656	0.007513081	0.002410214	0.000979125	0.000915564	0.000281705	0.000258896	0.000967769	5.10539E-05	6.46305E-08	2.56593E-07	2.13634E-10	3.21437E-07	0.321436886
579205.014141656.41	579205.01	4141656	0.006944268	0.002226583	0.00091624	0.000856761	0.000253408	0.00023289	0.000884933	4.64663E-05	5.97324E-08	2.38209E-07	1.94438E-10	2.98136E-07	0.298136075
579225.014141656.41	579225.01	4141656	0.006436972	0.002062737	0.000858722	0.000802976	0.00022925	0.000210688	0.000812894	4.24803E-05	5.53637E-08	2.21714E-07	1.77758E-10	2.77256E-07	0.277255778
579245.014141656.41	579245.01	4141656	0.00598113	0.001917302	0.000805955	0.000753635	0.00020837	0.000191499	0.00074968	3.90549E-05	5.14458E-08	2.06841E-07	1.63425E-10	2.5845E-07	0.258450434
579265.014141656.41	579265.01	4141656	0.005566903	0.0017797	0.000757859	0.000708662	0.000190328	0.000174917	0.000694227	3.58075E-05	4.78621E-08	1.93392E-07	1.49836E-10	2.41404E-07	0.241404062
579285.014141656.41	579285.01	4141656	0.00519169	0.001660267	0.000713369	0.000667059	0.000174198	0.000160094	0.000644689	3.30733E-05	4.46384E-08	1.81136E-07	1.38395E-10	2.25913E-07	0.22591306

579305.014141656.41	579305.01	4141656	0.004859902	0.001555935	0.000672647	0.000628981	0.000160536	0.000147538	0.000600658	3.07271E-05	4.17933E-08	1.7012E-07	1.28577E-10	2.12042E-07	0.212042057
579325.014141656.41	579325.01	4141656	0.004546093	0.001456448	0.000634588	0.000593393	0.000147856	0.000135885	0.000560758	2.85177E-05	3.90989E-08	1.59845E-07	1.19332E-10	1.99063E-07	0.199063241
579345.014141656.41	579345.01	4141656	0.004264401	0.001367782	0.000599602	0.000560677	0.000136812	0.000125735	0.000524927	2.65772E-05	3.6683E-08	1.50515E-07	1.11212E-10	1.87309E-07	0.187308844
578385.014141676.41	578385.01	4141676	0.001966419	0.000980091	0.000552571	0.0005167	3.05392E-05	2.80665E-05	0.000489189	1.18595E-05	1.84202E-08	1.25794E-07	4.96257E-11	1.44263E-07	0.144263405
578405.014141676.41	578405.01	4141676	0.002199372	0.001121326	0.000634752	0.000593546	3.33354E-05	3.06363E-05	0.000568206	1.3384E-05	2.07106E-08	1.44428E-07	5.6005E-11	1.65194E-07	0.165194306
578425.014141676.41	578425.01	4141676	0.002476428	0.001294298	0.000735368	0.000687631	3.65446E-05	3.35857E-05	0.00066647	1.52259E-05	2.34561E-08	1.67258E-07	6.37127E-11	1.90778E-07	0.190777891
578445.014141676.41	578445.01	4141676	0.002816812	0.001513056	0.00086245	0.000806462	4.03443E-05	3.70778E-05	0.000792616	1.75223E-05	2.68561E-08	1.96121E-07	7.33218E-11	2.2305E-07	0.223050297
578465.014141676.41	578465.01	4141676	0.003243478	0.001795366	0.001025828	0.000959235	4.49176E-05	4.12808E-05	0.000957629	2.04446E-05	3.11529E-08	2.33277E-07	8.55502E-11	2.64515E-07	0.264515369
578485.014141676.41	578485.01	4141676	0.003752695	0.002144781	0.001226733	0.001147098	5.01181E-05	4.60602E-05	0.001164546	2.40069E-05	3.63347E-08	2.79047E-07	1.00457E-10	3.15482E-07	0.315481836
578505.014141676.41	578505.01	4141676	0.004417969	0.002612498	0.001493637	0.001396675	5.66253E-05	5.20405E-05	0.001444096	2.87161E-05	4.31529E-08	3.39963E-07	1.20162E-10	3.83236E-07	0.383236299
578525.014141676.41	578525.01	4141676	0.005208201	0.0031902	0.001818674	0.001700612	6.38903E-05	5.87173E-05	0.001791992	3.4443E-05	5.13472E-08	4.1435E-07	1.44126E-10	4.65841E-07	0.46584082
578545.014141676.41	578545.01	4141676	0.006224714	0.003950322	0.00224023	0.002094802	7.27598E-05	6.68687E-05	0.00225023	4.18863E-05	6.1961E-08	5.11056E-07	1.75273E-10	5.73192E-07	0.573192205
578565.014141676.41	578565.01	4141676	0.007541917	0.00494947	0.002784689	0.002603917	8.36312E-05	7.68598E-05	0.002847728	5.15633E-05	7.57755E-08	6.36218E-07	2.15766E-10	7.12209E-07	0.712208797
578585.014141676.41	578585.01	4141676	0.009269955	0.006258222	0.003484539	0.003258334	9.71159E-05	8.92527E-05	0.003613713	6.41268E-05	9.389E-08	7.9725E-07	2.68338E-10	8.91408E-07	0.891408496
578605.014141676.41	578605.01	4141676	0.011540118	0.007933913	0.004365055	0.004081691	0.000113857	0.000104638	0.004553317	8.01195E-05	1.17499E-07	9.99523E-07	3.35259E-10	1.11736E-06	1.117357557
578625.014141676.41	578625.01	4141676	0.014602774	0.010048977	0.005462536	0.005107927	0.000135432	0.000124467	0.005648765	0.000100309	1.48724E-07	1.25008E-06	4.19743E-10	1.39922E-06	1.399222392
578645.014141676.41	578645.01	4141676	0.018755561	0.012596147	0.006777841	0.006337847	0.000163714	0.000150458	0.006797038	0.00012485	1.8968E-07	1.5466E-06	5.22433E-10	1.7368E-06	1.736804813
578665.014141676.41	578665.01	4141676	0.024320316	0.015439597	0.008250052	0.007714487	0.000200849	0.000184587	0.007802328	0.000152893	2.42109E-07	1.87195E-06	6.39778E-10	2.1147E-06	2.114695122
578685.014141676.41	578685.01	4141676	0.03158382	0.018319547	0.009736028	0.009103999	0.000249205	0.000229028	0.008449082	0.000182656	3.0696E-07	2.19232E-06	7.64322E-10	2.50004E-06	2.500043993
578705.014141676.41	578705.01	4141676	0.041219489	0.021196751	0.011114382	0.010392875	0.000316577	0.000290944	0.008777795	0.000214828	3.88929E-07	2.48718E-06	8.98946E-10	2.87701E-06	2.877005083
578985.014141676.41	578985.01	4141676	0.019043247	0.006225437	0.001765129	0.001650543	0.001144197	0.001051555	0.003162828	0.000170296	1.64319E-07	5.85378E-07	7.12602E-10	7.50409E-07	0.750409002
579005.014141676.41	579005.01	4141676	0.016217615	0.005286288	0.001604291	0.001500146	0.000895012	0.000822546	0.002591398	0.000136953	1.39871E-07	5.05656E-07	5.73077E-10	6.46099E-07	0.646099287
579025.014141676.41	579025.01	4141676	0.01403317	0.00457599	0.001471392	0.001375874	0.000719492	0.000661237	0.002178004	0.000113295	1.21038E-07	4.4517E-07	4.74082E-10	5.66683E-07	0.566682638
579045.014141676.41	579045.01	4141676	0.012315422	0.004027198	0.001358444	0.001270259	0.000592772	0.000544777	0.001865877	9.60609E-05	1.06271E-07	3.97707E-07	4.01966E-10	5.0438E-07	0.504379649
579065.014141676.41	579065.01	4141676	0.010940998	0.003583948	0.001260777	0.001178932	0.000497747	0.000457446	0.001624193	8.27653E-05	9.44377E-08	3.59245E-07	3.4633E-10	4.54029E-07	0.454028884
579085.014141676.41	579085.01	4141676	0.009829156	0.0032288	0.001174377	0.00109814	0.000425034	0.000390621	0.001431109	7.25903E-05	8.48798E-08	3.2733E-07	3.03753E-10	4.12514E-07	0.41251399
579105.014141676.41	579105.01	4141676	0.008915889	0.002928967	0.001097235	0.001026006	0.000368994	0.000339118	0.001274357	6.43649E-05	7.6994E-08	3.00352E-07	2.69334E-10	3.77616E-07	0.377615553
579125.014141676.41	579125.01	4141676	0.008150083	0.002675243	0.001027467	0.000960767	0.000324756	0.000298462	0.00114458	5.76204E-05	7.03716E-08	2.7712E-07	2.41112E-10	3.47733E-07	0.347733006
579145.014141676.41	579145.01	4141676	0.007494874	0.002458423	0.000963762	0.000901198	0.000288886	0.000265496	0.00103527	5.20741E-05	6.47067E-08	2.56773E-07	2.17903E-10	3.21698E-07	0.321697782
579165.014141676.41	579165.01	4141676	0.006924026	0.002269301	0.000905179	0.000846418	0.000259079	0.000238102	0.000941857	4.74429E-05	5.97702E-08	2.38685E-07	1.98524E-10	2.98654E-07	0.298653672
579185.014141676.41	579185.01	4141676	0.006423176	0.002102467	0.00085147	0.000796196	0.000234137	0.00021518	0.000861776	4.33776E-05	5.54352E-08	2.22563E-07	1.81513E-10	2.7818E-07	0.278179877
579205.014141676.41	579205.01	4141676	0.005978869	0.001954125	0.000802145	0.000750073	0.000212917	0.000195678	0.000792366	3.98255E-05	5.1588E-08	2.08091E-07	1.66649E-10	2.59846E-07	0.259845712
579225.014141676.41	579225.01	4141676	0.00557889	0.001821287	0.000756466	0.000707359	0.000194498	0.00017875	0.000731436	3.66945E-05	4.81278E-08	1.94951E-07	1.53548E-10	2.43232E-07	0.243232328
579245.014141676.41	579245.01	4141676	0.005216456	0.001701612	0.000714024	0.000667672	0.000178343	0.000163903	0.000677485	3.39847E-05	4.49953E-08	1.8295E-07	1.42209E-10	2.28087E-07	0.228087168

579265.014141676.41	579265.01	4141676	0.004888173	0.001593324	0.000674818	0.000631011	0.000164194	0.0001509	0.00062973	3.1536E-05	4.21585E-08	1.72022E-07	1.31962E-10	2.14312E-07	0.214312105
579285.014141676.41	579285.01	4141676	0.004589405	0.001492464	0.000638644	0.000597185	0.000151729	0.000139444	0.000587296	2.92563E-05	3.95668E-08	1.62032E-07	1.22423E-10	2.01722E-07	0.201721674
579305.014141676.41	579305.01	4141676	0.004304885	0.001398065	0.000604477	0.000565236	0.000140215	0.000128862	0.000548679	2.71852E-05	3.71057E-08	1.52671E-07	1.13756E-10	1.89891E-07	0.189890521
579325.014141676.41	579325.01	4141676	0.004060058	0.001318604	0.000573546	0.000536314	0.00013054	0.000119971	0.000514506	2.54674E-05	3.49957E-08	1.44358E-07	1.06568E-10	1.7946E-07	0.179460009
579345.014141676.41	579345.01	4141676	0.003831854	0.001247138	0.000544377	0.000509038	0.000121592	0.000111747	0.000483243	2.39416E-05	3.30401E-08	1.36597E-07	1.00183E-10	1.69737E-07	0.169737078
578385.014141696.41	578385.01	4141696	0.002111845	0.001067222	0.000604272	0.000565045	3.20862E-05	2.94883E-05	0.000535723	1.27849E-05	1.98456E-08	1.37396E-07	5.34983E-11	1.57295E-07	0.157295206
578405.014141696.41	578405.01	4141696	0.002372278	0.001226143	0.000696408	0.0006512	3.51281E-05	3.22839E-05	0.00062416	1.44886E-05	2.24105E-08	1.5828E-07	6.06275E-11	1.80751E-07	0.180750954
578425.014141696.41	578425.01	4141696	0.002692532	0.001425924	0.0008121	0.000759382	3.87502E-05	3.56127E-05	0.000736631	1.66045E-05	2.55835E-08	1.8452E-07	6.94814E-11	2.10173E-07	0.210172923
578445.014141696.41	578445.01	4141696	0.00308957	0.001679244	0.000958191	0.000895988	4.30778E-05	3.959E-05	0.000880583	1.92542E-05	2.95414E-08	2.17688E-07	8.05688E-11	2.4731E-07	0.247310042
578465.014141696.41	578465.01	4141696	0.00356147	0.001988929	0.00113558	0.001061862	4.80013E-05	4.41148E-05	0.001058115	2.24504E-05	3.42827E-08	2.58018E-07	9.39434E-11	2.92394E-07	0.292394318
578485.014141696.41	578485.01	4141696	0.004134128	0.002374198	0.001354429	0.001266504	5.37192E-05	4.93698E-05	0.001280334	2.63775E-05	4.0077E-08	3.07849E-07	1.10376E-10	3.48036E-07	0.348036362
578505.014141696.41	578505.01	4141696	0.004882745	0.002883665	0.001641038	0.001534508	6.0932E-05	5.59985E-05	0.001574154	3.15207E-05	4.76769E-08	3.73201E-07	1.31898E-10	4.2101E-07	0.421009822
578525.014141696.41	578525.01	4141696	0.00580585	0.003522254	0.001995531	0.001865988	6.94044E-05	6.37849E-05	0.001941202	3.78978E-05	5.70928E-08	4.54163E-07	1.58583E-10	5.11415E-07	0.511414634
578565.014141696.41	578565.01	4141696	0.008424425	0.005337888	0.002979654	0.002786225	9.17848E-05	8.43532E-05	0.002960324	5.58002E-05	8.38207E-08	6.79252E-07	2.33495E-10	7.63306E-07	0.763306192
578585.014141696.41	578585.01	4141696	0.010326273	0.006611917	0.0036548	0.003417543	0.000107156	9.84801E-05	0.003639687	6.82959E-05	1.03041E-07	8.33469E-07	2.85783E-10	9.36795E-07	0.936795182
578605.014141696.41	578605.01	4141696	0.01278981	0.008167933	0.004468293	0.004178227	0.000126458	0.000116219	0.004414872	8.35973E-05	1.27531E-07	1.01849E-06	3.49812E-10	1.14637E-06	1.146373601
578625.014141696.41	578625.01	4141696	0.015979686	0.009994066	0.005413702	0.005062263	0.000150934	0.000138714	0.005228392	0.000101749	1.58429E-07	1.23172E-06	4.25769E-10	1.39058E-06	1.390575138
578645.014141696.41	578645.01	4141696	0.020219887	0.012094514	0.006488036	0.006066855	0.000183711	0.000168836	0.00601381	0.000123166	1.98093E-07	1.47131E-06	5.15385E-10	1.66992E-06	1.669918679
578665.014141696.41	578665.01	4141696	0.025613206	0.01428169	0.007586131	0.007093666	0.000226193	0.000207878	0.006624608	0.000146494	2.46457E-07	1.71273E-06	6.13002E-10	1.9598E-06	1.959801916
578685.014141696.41	578685.01	4141696	0.032338656	0.016401599	0.008588813	0.008031257	0.000282003	0.00025917	0.006995974	0.000170949	3.0415E-07	1.93156E-06	7.15334E-10	2.23642E-06	2.236424504
578945.014141696.41	578945.01	4141696	0.020948375	0.006815171	0.001826212	0.001707661	0.001286832	0.001182641	0.003485782	0.000190542	1.80615E-07	6.25836E-07	7.97322E-10	8.07248E-07	0.807247827
578965.014141696.41	578965.01	4141696	0.017640778	0.005702485	0.001623095	0.001517729	0.00100288	0.000921679	0.002851953	0.000152246	1.51939E-07	5.31394E-07	6.37073E-10	6.83971E-07	0.683970528
578985.014141696.41	578985.01	4141696	0.015087566	0.004880911	0.001462461	0.001367523	0.000793172	0.000728951	0.002381478	0.000123919	1.29965E-07	4.59664E-07	5.18539E-10	5.90147E-07	0.590147096
579005.014141696.41	579005.01	4141696	0.013071277	0.004245875	0.001333085	0.001246546	0.000641945	0.000589968	0.002024913	0.000103055	1.12671E-07	4.04608E-07	4.31232E-10	5.1771E-07	0.517710447
579025.014141696.41	579025.01	4141696	0.011445014	0.003738831	0.001226938	0.00114729	0.000532332	0.00048923	0.001749432	8.74579E-05	9.87442E-08	3.61549E-07	3.65966E-10	4.60659E-07	0.460659285
579045.014141696.41	579045.01	4141696	0.010136066	0.003331113	0.001137711	0.001063854	0.000449819	0.000413398	0.001531719	7.55575E-05	8.75366E-08	3.26917E-07	3.16169E-10	4.1477E-07	0.414769733
579065.014141696.41	579065.01	4141696	0.009075111	0.003000836	0.001060937	0.000992065	0.000385657	0.000354431	0.001355878	6.63041E-05	7.84533E-08	2.98347E-07	2.77449E-10	3.77077E-07	0.377077248
579085.014141696.41	579085.01	4141696	0.008208322	0.00272321	0.00099371	0.000929201	0.000335278	0.000308131	0.001211737	5.88582E-05	7.09987E-08	2.74313E-07	2.46291E-10	3.45558E-07	0.345557891
579105.014141696.41	579105.01	4141696	0.007490351	0.002489997	0.000933733	0.000873118	0.000295257	0.000271351	0.001091568	5.28139E-05	6.481E-08	2.53757E-07	2.20999E-10	3.18788E-07	0.318787822
579125.014141696.41	579125.01	4141696	0.006886821	0.002290297	0.000879656	0.000822552	0.000263114	0.00024181	0.0009903	4.77117E-05	5.9592E-08	2.35929E-07	1.99649E-10	2.95721E-07	0.295720752
579145.014141696.41	579145.01	4141696	0.006368896	0.002118779	0.000830085	0.000776199	0.000236599	0.000217442	0.000903366	4.35491E-05	5.51135E-08	2.20168E-07	1.82231E-10	2.75464E-07	0.27546417
579165.014141696.41	579165.01	4141696	0.005918369	0.001967853	0.000784447	0.000733524	0.000214422	0.000197061	0.000828229	4.00175E-05	5.12103E-08	2.06091E-07	1.67453E-10	2.57469E-07	0.257469163
579185.014141696.41	579185.01	4141696	0.005519295	0.001833965	0.000742046	0.000693875	0.000195486	0.000179658	0.000762542	3.68981E-05	4.77521E-08	1.93359E-07	1.544E-10	2.41266E-07	0.241265721
579205.014141696.41	579205.01	4141696	0.005167264	0.001714291	0.000703086	0.000657444	0.000179393	0.000164868	0.000705431	3.41575E-05	4.46947E-08	1.81916E-07	1.42932E-10	2.26753E-07	0.226753252
579225.014141696.41	579225.01	4141696	0.004848593	0.001606486	0.000666665	0.000623388	0.000165255	0.000151875	0.000654672	3.17293E-05	4.19294E-08	1.71423E-07	1.32771E-10	2.13485E-07	0.213484733
579245.014141696.41	579245.01	4141696	0.004559663	0.001507322	0.000632744	0.000591669	0.000152832	0.000140457	0.000609608	2.94893E-05	3.9416E-08	1.61797E-07	1.23397E-10	2.01337E-07	0.201336651
579265.014141696.41	579265.01	4141696	0.004294594	0.001419545	0.000600872	0.000561865	0.000141699	0.000130226	0.00056902	2.76089E-05	3.7124E-08	1.52911E-07	1.15529E-10	1.9015E-07	0.190150156
579285.014141696.41	579285.01	4141696	0.004052255	0.001337985	0.000571211	0.00053413	0.0001318	0.000121128	0.000532656	2.5845E-05	3.50228E-08	1.44727E-07	1.08148E-10	1.79858E-07	0.179857579
579305.014141696.41	579305.01	4141696	0.003825861	0.001258605	0.000543517	0.000508234	0.000122925	0.000112972	0.000499954	2.41196E-05	3.30462E-08	1.37122E-07	1.00928E-10	1.70269E-07	0.170269497
579325.014141696.41	579325.01	4141696	0.003622988	0.001193034	0.000517462	0.00048387	0.000114886	0.000105584	0.000470131	2.27371E-05	3.12989E-08	1.30119E-07	9.51432E-11	1.61513E-07	0.161513267
579345.014141696.41	579345.01	4141696	0.003431537	0.001130694	0.000493004	0.000461	0.000107569	9.88596E-05	0.000442936	2.14558E-05	2.9648E-08	1.23582E-07	8.97816E-11	1.5332E-07	0.153319512
578385.014141716.41	578385.01	4141716	0.00228068	0.001164933	0.000661094	0.000618178	3.39156E-05	3.11695E-05	0.000586106	1.3832E-05	2.14855E-08	1.50163E-07	5.78797E-11	1.71706E-07	0.171706044
578405.014141716.41	578405.01	4141716	0.002578883	0.001345656	0.000765233	0.000715557	3.73338E-05	3.4311E-05	0.000685434	1.57635E-05	2.44171E-08	1.7376E-07	6.59623E-11	1.98243E-07	0.198243445
578425.014141716.41	578425.01	4141716	0.002946632	0.001572247	0.000895347	0.000837224	4.1421E-05	3.80673E-05	0.000810735	1.81597E-05	2.80485E-08	2.03263E-07	7.59892E-11	2.31387E-07	0.231386991
578445.014141716.41	578445.01	4141716	0.003389696	0.001850277	0.001054014	0.000985591	4.6172E-05	4.24336E-05	0.000965234	2.10692E-05	3.24452E-08	2.39275E-07	8.8164E-11	2.71808E-07	0.271808313
578465.014141716.41	578465.01	4141716	0.003909543	0.002183461	0.001242588	0.001161923	5.15241E-05	4.73523E-05	0.001151027	2.45164E-05	3.76339E-08	2.82127E-07	1.02588E-10	3.19864E-07	0.319863598
578485.014141716.41	578485.01	4141716	0.004555027	0.002601355	0.001476963	0.001381084	5.79424E-05	5.32509E-05	0.001383573	2.88006E-05	4.40946E-08	3.35443E-07	1.20516E-10	3.79658E-07	0.379657898
578505.014141716.41	578505.01	4141716	0.005399313	0.003146836	0.001779509	0.001663989	6.61325E-05	6.07779E-05	0.001684559	3.43611E-05	5.25403E-08	4.04338E-07	1.43783E-10	4.57022E-07	0.457022495
578525.014141716.41	578525.01	4141716	0.006452352	0.00382459	0.00215047	0.002010869	7.60265E-05	6.98708E-05	0.002053172	4.12271E-05	6.30631E-08	4.88879E-07	1.72514E-10	5.52115E-07	0.552114812
578605.014141716.41	578605.01	4141716	0.013856985	0.008177704	0.004440149	0.004151909	0.000140528	0.00012915	0.004167085	8.53842E-05	1.35279E-07	1.00875E-06	3.57289E-10	1.14438E-06	1.14438328
578625.014141716.41	578625.01	4141716	0.017110527	0.009740665	0.00523324	0.004893516	0.000168904	0.000155228	0.004770028	0.000101827	1.65503E-07	1.18677E-06	4.26096E-10	1.3527E-06	1.352701086
578645.014141716.41	578645.01	4141716	0.021195577	0.011414095	0.006059146	0.005665808	0.000205819	0.000189155	0.005298585	0.00012022	2.02208E-07	1.37092E-06	5.0306E-10	1.57363E-06	1.573626283
578665.014141716.41	578665.01	4141716	0.026089177	0.013036328	0.006817743	0.006375159	0.000252556	0.000232107	0.00567114	0.000139409	2.4453E-07	1.53945E-06	5.83355E-10	1.78456E-06	1.784564177
578685.014141716.41	578685.01	4141716	0.031976561	0.014589195	0.007445244	0.006961924	0.000315228	0.000289705	0.00593473	0.000159978	2.93729E-07	1.68247E-06	6.69425E-10	1.97687E-06	1.97687069
578905.014141716.41	578905.01	4141716	0.023027991	0.006907148	0.002018104	0.001887096	0.001425766	0.001310326	0.003257586	0.000205572	1.96027E-07	6.70551E-07	8.60215E-10	8.67439E-07	0.867438768
578925.014141716.41	578925.01	4141716	0.019320303	0.005817961	0.001751897	0.00163817	0.001147046	0.001054173	0.002686	0.000167841	1.64564E-07	5.67051E-07	7.02329E-10	7.32317E-07	0.73231716
578945.014141716.41	578945.01	4141716	0.016382152	0.005018594	0.001540873	0.001440845	0.000908962	0.000835366	0.002311942	0.000137196	1.39906E-07	4.85839E-07	5.74095E-10	6.26319E-07	0.626318819
578965.014141716.41	578965.01	4141716	0.014060875	0.004373221	0.001372988	0.001283858	0.000722654	0.000664143	0.002013303	0.000112801	1.20365E-07	4.21435E-07	4.72015E-10	5.42272E-07	0.542271881
578985.014141716.41	578985.01	4141716	0.012206296	0.003848332	0.001238942	0.001158514	0.000584363	0.000537049	0.001765642	9.40961E-05	1.04713E-07	3.70793E-07	3.93744E-10	4.75899E-07	0.47589903
579005.014141716.41	579005.01	4141716	0.0107042	0.00341453	0.00113091	0.001057495	0.000483677	0.000444515	0.001559727	7.98942E-05	9.19982E-08	3.30851E-07	3.34316E-10	4.23184E-07	0.423183885
579025.014141716.41	579025.01	4141716	0.009474072	0.003060431	0.001042297	0.000974635	0.000408983	0.000375869	0.001387391	6.91586E-05	8.15907E-08	2.9886E-07	2.89393E-10	3.8074E-07	0.380739653
579045.014141716.41	579045.01	4141716	0.008463326	0.002763505	0.000968433	0.000905565	0.000351558	0.000323094	0.001243063	6.06733E-05	7.30136E-08	2.72671E-07	2.53887E-10	3.45938E-07	0.345938389
579065.014141716.41	579065.01	4141716	0.007630801	0.002512123	0.000905588	0.000846801	0.000306129	0.000281342	0.001121297	5.38008E-05	6.59194E-08	2.50793E-07	2.25129E-10	3.16937E-07	0.316937096
579085.014141716.41	579085.01	4141716	0.006940875	0.002302813	0.000850856	0.000795621	0.000269568	0.000247742	0.00101737	4.82929E-05	6.00362E-08	2.3221E-07	2.02081E-10	2.92449E-07	0.292448706
579105.014141716.41	579105.01	4141716	0.006362789	0.002122493	0.000802268	0.000750188	0.000239839	0.00022042	0.000927681	4.38256E-05	5.50854E-08	2.16126E-07	1.83388E-10	2.71395E-07	0.271394634
579125.014141716.41	579125.01	4141716	0.005877093	0.001966318	0.000758965	0.000709696	0.000215818	0.000198344	0.000850792	3.99855E-05	5.09057E-08	2.02177E-07	1.67319E-10	2.5325E-07	0.25325022
579145.014141716.41	579145.01	4141716	0.005459813	0.001829928	0.000719514	0.000672805	0.000195842	0.000179985	0.000783572	3.66894E-05	4.73052E-08	1.89804E-07	1.53526E-10	2.37263E-07	0.237262972
579165.014141716.41	579165.01	4141716	0.005095569	0.001709526	0.000683053	0.000638711	0.000178902	0.000164417	0.000724144	3.39681E-05	4.41565E-08	1.78657E-07	1.42139E-10	2.22956E-07	0.222956045
579185.014141716.41	579185.01	4141716	0.004773845	0.001601964	0.000649254	0.000607107	0.000164393	0.000151083	0.00067157	3.15386E-05	4.13702E-08	1.68557E-07	1.31973E-10	2.10059E-07	0.21005873

579205.014141716.41	579205.01	4141716	0.004489099	0.001505304	0.000618078	0.000577954	0.000151943	0.000139641	0.000625193	2.9392E-05	3.88978E-08	1.59418E-07	1.2299E-10	1.98439E-07	0.198439171
579225.014141716.41	579225.01	4141716	0.004231833	0.001417607	0.000588786	0.000550564	0.000140978	0.000129563	0.000583603	2.74771E-05	3.66624E-08	1.50993E-07	1.14977E-10	1.8777E-07	0.187770037
579245.014141716.41	579245.01	4141716	0.003993565	0.001332009	0.000561461	0.000525013	0.000131267	0.000120638	0.000546332	2.55941E-05	3.45733E-08	1.43187E-07	1.07098E-10	1.77867E-07	0.177867226
579265.014141716.41	579265.01	4141716	0.003783228	0.001262481	0.00053561	0.00050084	0.000122549	0.000112626	0.00051244	2.41208E-05	3.27551E-08	1.36005E-07	1.00933E-10	1.68861E-07	0.168861127
579285.014141716.41	579285.01	4141716	0.003585444	0.001195942	0.000511275	0.000478085	0.000114683	0.000105397	0.000481772	2.2723E-05	3.10403E-08	1.29301E-07	9.50843E-11	1.60436E-07	0.160436037
579305.014141716.41	579305.01	4141716	0.003397272	0.001129402	0.000488416	0.000456709	0.000107407	9.87107E-05	0.000453889	2.13368E-05	2.9395E-08	1.22996E-07	8.92835E-11	1.5248E-07	0.152480442
579325.014141716.41	579325.01	4141716	0.003230021	0.00107344	0.000466826	0.000436521	0.000101088	9.29033E-05	0.000428416	2.01835E-05	2.79463E-08	1.17193E-07	8.44575E-11	1.45224E-07	0.145224279
579345.014141716.41	579345.01	4141716	0.003074756	0.001022889	0.000446465	0.000417482	9.51716E-05	8.74658E-05	0.00040507	1.91518E-05	2.66075E-08	1.11766E-07	8.01403E-11	1.38453E-07	0.13845345
578385.014141736.41	578385.01	4141736	0.002472584	0.00127088	0.000721316	0.000674491	3.6048E-05	3.31293E-05	0.000638399	1.4984E-05	2.33275E-08	1.63711E-07	6.27004E-11	1.87101E-07	0.187100772
578405.014141736.41	578405.01	4141736	0.002816359	0.001475425	0.000838156	0.000783746	3.99575E-05	3.67223E-05	0.000748616	1.71741E-05	2.66908E-08	1.90182E-07	7.18649E-11	2.16944E-07	0.216944238
578425.014141736.41	578425.01	4141736	0.003225724	0.001722285	0.000978429	0.000914913	4.44734E-05	4.08725E-05	0.000881992	1.97918E-05	3.07099E-08	2.21983E-07	8.28185E-11	2.52775E-07	0.252775374
578445.014141736.41	578445.01	4141736	0.00370373	0.002014689	0.001143282	0.001069064	4.95693E-05	4.55558E-05	0.001040027	2.28651E-05	3.54208E-08	2.5939E-07	9.56789E-11	2.94907E-07	0.294906517
578465.014141736.41	578465.01	4141736	0.004281364	0.002370564	0.001342139	0.001255012	5.55486E-05	5.1051E-05	0.001231703	2.65772E-05	4.11245E-08	3.04554E-07	1.11212E-10	3.4579E-07	0.345790003
578485.014141736.41	578485.01	4141736	0.005002953	0.002814298	0.001587576	0.001484516	6.28449E-05	5.77566E-05	0.001468505	3.11802E-05	4.82461E-08	3.60341E-07	1.30473E-10	4.08718E-07	0.408717791
578505.014141736.41	578505.01	4141736	0.00600239	0.003421071	0.001905689	0.001781978	7.2786E-05	6.68927E-05	0.001773872	3.7492E-05	5.80761E-08	4.32987E-07	1.56885E-10	4.9122E-07	0.4912201
578625.014141736.41	578625.01	4141736	0.017828272	0.009313082	0.004939871	0.004619192	0.000187641	0.000172448	0.00431398	0.000100518	1.68844E-07	1.11971E-06	4.20616E-10	1.28898E-06	1.288976447
578645.014141736.41	578645.01	4141736	0.021492762	0.010575967	0.005526076	0.005167342	0.000226877	0.000208508	0.004656931	0.000115789	2.00744E-07	1.25176E-06	4.84516E-10	1.45299E-06	1.452990725
578665.014141736.41	578665.01	4141736	0.025769602	0.011781356	0.006024078	0.005633016	0.000277628	0.000255149	0.004912572	0.000131971	2.36817E-07	1.36627E-06	5.5223E-10	1.60364E-06	1.60363593
578865.014141736.41	578865.01	4141736	0.025511883	0.008438938	0.002304959	0.002155329	0.001362529	0.001252209	0.004336637	0.000215988	2.2056E-07	7.58832E-07	9.03799E-10	9.80296E-07	0.980295823
578885.014141736.41	578885.01	4141736	0.021634569	0.006590437	0.001977915	0.001849515	0.001213737	0.001115465	0.003084749	0.000182853	1.84602E-07	6.33114E-07	7.65147E-10	8.18481E-07	0.818480962
578905.014141736.41	578905.01	4141736	0.018238654	0.005348305	0.001713428	0.001602198	0.001022223	0.000939457	0.002347461	0.000152061	1.54731E-07	5.33431E-07	6.36297E-10	6.88798E-07	0.68879839
578925.014141736.41	578925.01	4141736	0.015451923	0.004506382	0.001498758	0.001401464	0.000837426	0.000769622	0.001918326	0.000125787	1.30983E-07	4.55391E-07	5.26354E-10	5.86901E-07	0.586900501
578945.014141736.41	578945.01	4141736	0.01323604	0.00391899	0.001324441	0.001238463	0.000677146	0.000622319	0.001658522	0.000104472	1.12453E-07	3.94166E-07	4.37162E-10	5.07056E-07	0.507056188
578965.014141736.41	578965.01	4141736	0.011487421	0.003459832	0.001183758	0.001106913	0.000549308	0.000504832	0.001478206	8.73043E-05	9.78487E-08	3.4581E-07	3.65324E-10	4.44024E-07	0.444023861
578985.014141736.41	578985.01	4141736	0.010080881	0.003096124	0.001069705	0.001000263	0.000452276	0.000415656	0.001333033	7.41942E-05	8.6126E-08	3.07422E-07	3.10465E-10	3.93859E-07	0.393858682
579005.014141736.41	579005.01	4141736	0.008927649	0.002789346	0.000977036	0.00091361	0.000380289	0.000349498	0.001209609	6.40308E-05	7.64776E-08	2.76706E-07	2.67936E-10	3.53451E-07	0.353451305
579025.014141736.41	579025.01	4141736	0.007969375	0.002528354	0.000900959	0.000842472	0.000325854	0.00029947	0.001102145	5.60524E-05	6.84341E-08	2.51735E-07	2.34551E-10	3.20404E-07	0.32040363
579045.014141736.41	579045.01	4141736	0.007169531	0.002305559	0.000837664	0.000783286	0.000283273	0.000260337	0.001007825	4.96471E-05	6.16991E-08	2.31065E-07	2.07748E-10	2.92972E-07	0.292971852
579065.014141736.41	579065.01	4141736	0.006500639	0.002118617	0.000783997	0.000733102	0.000249023	0.00022886	0.000924583	4.45078E-05	5.6064E-08	2.13674E-07	1.86242E-10	2.69924E-07	0.26992433
579085.014141736.41	579085.01	4141736	0.005940194	0.001958485	0.000737703	0.000689814	0.000221175	0.000203267	0.000851073	4.03209E-05	5.13276E-08	1.98822E-07	1.68722E-10	2.50318E-07	0.25031781
579105.014141736.41	579105.01	4141736	0.005466598	0.001817734	0.000696941	0.000651698	0.000198309	0.000182252	0.000785731	3.682E-05	4.73016E-08	1.85906E-07	1.54073E-10	2.33362E-07	0.233361978
579125.014141736.41	579125.01	4141736	0.005067298	0.001694748	0.000661053	0.00061814	0.000179686	0.000165137	0.0007284	3.38209E-05	4.38887E-08	1.74711E-07	1.41523E-10	2.18741E-07	0.218740806
579145.014141736.41	579145.01	4141736	0.004723635	0.001586217	0.000628566	0.000587761	0.000164106	0.000150818	0.000677141	3.12672E-05	4.09398E-08	1.64756E-07	1.30837E-10	2.05827E-07	0.205827086
579165.014141736.41	579165.01	4141736	0.004423623	0.001489638	0.000598741	0.000559873	0.000150861	0.000138647	0.000631076	2.9063E-05	3.83575E-08	1.55787E-07	1.21614E-10	1.94267E-07	0.194266577
579185.014141736.41	579185.01	4141736	0.004158667	0.00140291	0.000571129	0.000534053	0.000139457	0.000128165	0.000589549	2.71353E-05	3.60708E-08	1.47631E-07	1.13547E-10	1.83815E-07	0.183815214

579205.014141736.41	579205.01	4141736	0.00392447	0.00132458	0.000545688	0.000510264	0.000129646	0.000119149	0.000552434	2.54265E-05	3.40424E-08	1.40235E-07	1.06397E-10	1.74384E-07	0.174383753
579225.014141736.41	579225.01	4141736	0.003713229	0.001253114	0.000521886	0.000488007	0.000120991	0.000111195	0.000518762	2.38956E-05	3.22093E-08	1.33416E-07	9.99906E-11	1.65726E-07	0.165725647
579245.014141736.41	579245.01	4141736	0.003520873	0.001187059	0.000499477	0.000467052	0.000113277	0.000104105	0.000488156	2.24696E-05	3.05358E-08	1.27083E-07	9.40238E-11	1.57713E-07	0.157713145
579265.014141736.41	579265.01	4141736	0.003342539	0.001123668	0.000478337	0.000447285	0.000106336	9.7726E-05	0.00046021	2.11525E-05	2.89751E-08	1.21157E-07	8.85122E-11	1.50221E-07	0.150220629
579285.014141736.41	579285.01	4141736	0.003180377	0.001068595	0.000458304	0.000428553	0.000100048	9.19475E-05	0.000434612	2.00209E-05	2.7567E-08	1.15646E-07	8.37772E-11	1.43296E-07	0.143296449
579305.014141736.41	579305.01	4141736	0.00303054	0.001019659	0.000439336	0.000410816	9.43144E-05	8.66781E-05	0.000411047	1.90314E-05	2.62743E-08	1.10501E-07	7.96369E-11	1.36855E-07	0.13685485
579325.014141736.41	579325.01	4141736	0.002889864	0.000971531	0.000421393	0.000394037	8.90721E-05	8.18602E-05	0.000389455	1.8065E-05	2.50512E-08	1.05652E-07	7.55929E-11	1.30779E-07	0.130778693
579345.014141736.41	579345.01	4141736	0.002757895	0.000926471	0.000404309	0.000378063	8.42218E-05	7.74026E-05	0.000369426	1.7169E-05	2.39042E-08	1.01071E-07	7.18435E-11	1.25048E-07	0.12504757
578385.014141756.41	578385.01	4141756	0.002697508	0.001388051	0.000786414	0.000735362	3.86666E-05	3.55359E-05	0.00069357	1.62858E-05	2.54563E-08	1.78382E-07	6.81477E-11	2.03906E-07	0.20390622
578405.014141756.41	578405.01	4141756	0.00307453	0.001607213	0.0009103	0.000851206	4.29524E-05	3.94747E-05	0.000809014	1.86436E-05	2.91226E-08	2.06452E-07	7.80139E-11	2.35653E-07	0.235652557
578425.014141756.41	578425.01	4141756	0.003519064	0.001867639	0.001056431	0.000987851	4.78759E-05	4.39995E-05	0.000945832	2.14251E-05	3.34541E-08	2.39585E-07	8.96531E-11	2.73128E-07	0.27312825
578445.014141756.41	578445.01	4141756	0.004049654	0.002179343	0.001229847	0.001150009	5.36199E-05	4.92785E-05	0.00110878	2.47352E-05	3.86278E-08	2.78935E-07	1.03504E-10	3.17666E-07	0.317666349

Cubberley Community Center Master Plan

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition - Phase II	2032	0.35	8	0.005562813
Grading- Phase II	2032	0.41	8	0.006515021
Building Construction I- Phase II	2032	0.21	8	0.003250958
Building Construction II- Phase II	2033	0.19	8	0.002933179
Paving- Phase II	2033	0.15	8	0.002321434
Architectural Coating- Phase II	2033	0.01	8	0.000111083

Risk Summary	
Maximum Risk, Uncc	4.815
UTM X	579065.01
UTM Y	4141476.41

AERMOD Column Identifier:			*10*	*11*	*11*	*11*	*11*	*11*					
			Demolition - Phase II	Grading- Phase II	Building Construction I- Phase II	Building Construction II- Phase II	Paving- Phase II	Architectural Coating- Phase II	Child Risk				
Unique Identifier	X (UTM)	Y (UTM)	2032	2032	2032	2033	2033	2033	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.41	578385.01	4141176	0.000171502	0.000196819	9.82114E-05	8.86113E-05	7.01305E-05	3.35583E-06	0	0	3.73401E-09	3.73401E-09	0.003734015
578405.014141176.41	578405.01	4141176	0.00018602	0.000213302	0.000106436	9.60323E-05	7.60038E-05	3.63687E-06	0	0	4.04717E-09	4.04717E-09	0.004047171
578425.014141176.41	578425.01	4141176	0.000202931	0.000232456	0.000115994	0.000104656	8.28288E-05	3.96345E-06	0	0	4.41119E-09	4.41119E-09	0.004411187
578445.014141176.41	578445.01	4141176	0.000222791	0.000254933	0.00012721	0.000114775	9.08377E-05	4.34669E-06	0	0	4.83839E-09	4.83839E-09	0.00483839
578465.014141176.41	578465.01	4141176	0.000244541	0.000279494	0.000139466	0.000125833	9.95895E-05	4.76547E-06	0	0	5.30536E-09	5.30536E-09	0.005305357
578485.014141176.41	578485.01	4141176	0.000270186	0.000308486	0.000153933	0.000138886	0.00010992	5.25979E-06	0	0	5.85647E-09	5.85647E-09	0.00585647
578505.014141176.41	578505.01	4141176	0.000306122	0.000343342	0.000171325	0.000154579	0.00012234	5.85409E-06	0	0	6.53352E-09	6.53352E-09	0.006533525
578525.014141176.41	578525.01	4141176	0.000341946	0.000382953	0.000191091	0.000172412	0.000136454	6.52948E-06	0	0	7.28874E-09	7.28874E-09	0.007288737
578545.014141176.41	578545.01	4141176	0.000385114	0.000438722	0.00021892	0.00019752	0.000156325	7.48035E-06	0	0	8.33137E-09	8.33137E-09	0.008331372
578565.014141176.41	578565.01	4141176	0.000434567	0.000494164	0.000246585	0.000222482	0.000176081	8.42567E-06	0	0	9.38647E-09	9.38647E-09	0.009386465
578585.014141176.41	578585.01	4141176	0.0004942	0.000560813	0.000279842	0.000252488	0.000199829	9.56205E-06	0	0	1.06553E-08	1.06553E-08	0.010655333
578605.014141176.41	578605.01	4141176	0.000565126	0.00063971	0.000319212	0.000288009	0.000227942	1.09073E-05	0	0	1.21583E-08	1.21583E-08	0.01215833
578625.014141176.41	578625.01	4141176	0.000648235	0.000731767	0.000365148	0.000329455	0.000260743	1.24769E-05	0	0	1.3913E-08	1.3913E-08	0.013913032
578645.014141176.41	578645.01	4141176	0.00074792	0.000825844	0.000412091	0.00037181	0.000294265	1.40809E-05	0	0	1.57481E-08	1.57481E-08	0.015748087
578665.014141176.41	578665.01	4141176	0.00087097	0.000976732	0.000487384	0.000439742	0.000348029	1.66536E-05	0	0	1.85868E-08	1.85868E-08	0.018586794
578685.014141176.41	578685.01	4141176	0.001022779	0.001142214	0.000569958	0.000514245	0.000406994	1.94751E-05	0	0	2.17479E-08	2.17479E-08	0.021747884
578705.014141176.41	578705.01	4141176	0.001201512	0.001336231	0.000666771	0.000601595	0.000476126	2.27832E-05	0	0	2.54562E-08	2.54562E-08	0.025456191
578725.014141176.41	578725.01	4141176	0.00141518	0.001567188	0.000782018	0.000705576	0.000558421	2.67211E-05	0	0	2.98731E-08	2.98731E-08	0.029873112
578745.014141176.41	578745.01	4141176	0.001674128	0.001845836	0.000921061	0.000831028	0.000657709	3.14721E-05	0	0	3.52054E-08	3.52054E-08	0.035205369
578765.014141176.41	578765.01	4141176	0.001976857	0.002171001	0.001083317	0.000977423	0.000773571	3.70163E-05	0	0	4.14294E-08	4.14294E-08	0.041429351
578785.014141176.41	578785.01	4141176	0.002342445	0.002562749	0.001278797	0.001153795	0.000913159	4.36957E-05	0	0	4.89303E-08	4.89303E-08	0.048930279
578805.014141176.41	578805.01	4141176	0.002780794	0.00303157	0.001512736	0.001364867	0.00108021	5.16893E-05	0	0	5.79093E-08	5.79093E-08	0.057909314
578825.014141176.41	578825.01	4141176	0.003316382	0.003602807	0.00179778	0.001622048	0.001283753	6.14291E-05	0	0	6.88541E-08	6.88541E-08	0.068854055
578845.014141176.41	578845.01	4141176	0.003973461	0.004300631	0.00214599	0.001936221	0.001532402	7.33272E-05	0	0	8.22321E-08	8.22321E-08	0.082232122
578865.014141176.41	578865.01	4141176	0.004744634	0.005117158	0.002553432	0.002303836	0.001823347	8.72493E-05	0	0	9.78925E-08	9.78925E-08	0.097892455
578885.014141176.41	578885.01	4141176	0.005689756	0.006111416	0.003049561	0.002751469	0.002177621	0.000104202	0	0	1.16979E-07	1.16979E-07	0.116978781
578905.014141176.41	578905.01	4141176	0.006828742	0.007302101	0.003643706	0.003287536	0.002601887	0.000124503	0	0	1.39856E-07	1.39856E-07	0.139856113

578925.014141176.41	578925.01	4141176	0.008199252	0.008726089	0.004354268	0.003928641	0.003109282	0.000148783	0	0	1.6724E-07	1.6724E-07	0.167239723
578945.014141176.41	578945.01	4141176	0.009827598	0.010411004	0.005195031	0.00468722	0.003709652	0.000177511	0	0	1.9966E-07	1.9966E-07	0.199660043
578965.014141176.41	578965.01	4141176	0.011642633	0.012292412	0.006133842	0.005534263	0.004380035	0.00020959	0	0	2.35852E-07	2.35852E-07	0.235852085
578985.014141176.41	578985.01	4141176	0.013608086	0.014346533	0.007158837	0.006459065	0.00511196	0.000244613	0	0	2.75321E-07	2.75321E-07	0.275320594
579005.014141176.41	579005.01	4141176	0.015604301	0.016471016	0.008218942	0.007415546	0.005868957	0.000280836	0	0	3.16037E-07	3.16037E-07	0.316037337
579025.014141176.41	579025.01	4141176	0.017577542	0.018638889	0.009300698	0.008391561	0.006641414	0.000317799	0	0	3.57405E-07	3.57405E-07	0.357404832
579045.014141176.41	579045.01	4141176	0.019351968	0.02069718	0.010327773	0.00931824	0.007374825	0.000352894	0	0	3.964E-07	3.964E-07	0.396400206
579065.014141176.41	579065.01	4141176	0.020727206	0.022448678	0.011201761	0.010106796	0.007998919	0.000382757	0	0	4.29201E-07	4.29201E-07	0.429201089
579085.014141176.41	579085.01	4141176	0.021526193	0.023685685	0.01181902	0.010663719	0.00843969	0.000403849	0	0	4.51878E-07	4.51878E-07	0.451878166
579105.014141176.41	579105.01	4141176	0.021705427	0.024321877	0.012136476	0.010950144	0.008666378	0.000414696	0	0	4.62884E-07	4.62884E-07	0.462883695
579125.014141176.41	579125.01	4141176	0.021270693	0.024301615	0.012126366	0.010941022	0.008659158	0.000414351	0	0	4.61316E-07	4.61316E-07	0.461316066
579145.014141176.41	579145.01	4141176	0.020296812	0.023640797	0.011796621	0.010643509	0.008423695	0.000403083	0	0	4.4765E-07	4.4765E-07	0.447649831
579165.014141176.41	579165.01	4141176	0.018894927	0.022409979	0.01118245	0.010089373	0.00798513	0.000382098	0	0	4.23364E-07	4.23364E-07	0.423364491
579185.014141176.41	579185.01	4141176	0.017282935	0.02082963	0.010393865	0.009377872	0.007422019	0.000355152	0	0	3.92716E-07	3.92716E-07	0.392715891
579205.014141176.41	579205.01	4141176	0.015536657	0.018977801	0.009469813	0.008544145	0.006762175	0.000323578	0	0	3.57207E-07	3.57207E-07	0.357206941
579225.014141176.41	579225.01	4141176	0.013806511	0.017041471	0.008503596	0.007672375	0.006072222	0.000290563	0	0	3.2035E-07	3.2035E-07	0.320349525
578385.014141196.41	578385.01	4141196	0.000169555	0.000194669	9.71386E-05	8.76434E-05	6.93645E-05	3.31917E-06	0	0	3.69302E-09	3.69302E-09	0.003693018
578405.014141196.41	578405.01	4141196	0.000183517	0.0002105	0.000105038	9.4771E-05	7.50055E-05	3.5891E-06	0	0	3.99385E-09	3.99385E-09	0.003993846
578425.014141196.41	578425.01	4141196	0.000199927	0.000229133	0.000114336	0.00010316	8.16448E-05	3.9068E-06	0	0	4.34784E-09	4.34784E-09	0.004347841
578445.014141196.41	578445.01	4141196	0.000218563	0.000250307	0.000124902	0.000112693	8.91895E-05	4.26782E-06	0	0	4.75007E-09	4.75007E-09	0.004750073
578465.014141196.41	578465.01	4141196	0.000240258	0.000274804	0.000137125	0.000123721	9.79181E-05	4.68549E-06	0	0	5.21581E-09	5.21581E-09	0.005215808
578485.014141196.41	578485.01	4141196	0.00027052	0.00030347	0.00015143	0.000136627	0.000108132	5.17426E-06	0	0	5.77464E-09	5.77464E-09	0.005774644
578505.014141196.41	578505.01	4141196	0.000300336	0.000336761	0.000168042	0.000151616	0.000119995	5.74189E-06	0	0	6.40854E-09	6.40854E-09	0.006408541
578525.014141196.41	578525.01	4141196	0.000335716	0.000376308	0.000187775	0.00016942	0.000134086	6.41617E-06	0	0	7.16142E-09	7.16142E-09	0.007161415
578545.014141196.41	578545.01	4141196	0.000377492	0.000430513	0.000214823	0.000193824	0.0001534	7.34038E-06	0	0	8.17431E-09	8.17431E-09	0.008174306
578565.014141196.41	578565.01	4141196	0.000427057	0.000486151	0.000242586	0.000218874	0.000173225	8.28903E-06	0	0	9.23294E-09	9.23294E-09	0.00923294
578585.014141196.41	578585.01	4141196	0.000485689	0.000551757	0.000275324	0.000248411	0.000196602	9.40764E-06	0	0	1.04818E-08	1.04818E-08	0.010481767
578605.014141196.41	578605.01	4141196	0.000554612	0.0006287	0.000313717	0.000283052	0.000224018	1.07195E-05	0	0	1.19468E-08	1.19468E-08	0.011946834
578625.014141196.41	578625.01	4141196	0.000637387	0.000720692	0.000359621	0.000324468	0.000256797	1.2288E-05	0	0	1.36995E-08	1.36995E-08	0.013699514
578645.014141196.41	578645.01	4141196	0.00074041	0.000834509	0.000416415	0.000375711	0.000297352	1.42287E-05	0	0	1.58698E-08	1.58698E-08	0.015869753
578665.014141196.41	578665.01	4141196	0.00086791	0.000974452	0.000486246	0.000438716	0.000347217	1.66147E-05	0	0	1.85405E-08	1.85405E-08	0.018540491
578685.014141196.41	578685.01	4141196	0.001018551	0.001139021	0.000568365	0.000512808	0.000405856	1.94207E-05	0	0	2.16832E-08	2.16832E-08	0.021683217
578705.014141196.41	578705.01	4141196	0.0012009	0.001337143	0.000667227	0.000602006	0.000476451	2.27987E-05	0	0	2.54695E-08	2.54695E-08	0.025469505
578725.014141196.41	578725.01	4141196	0.001421855	0.001575918	0.000786374	0.000709507	0.000561532	2.68699E-05	0	0	3.00361E-08	3.00361E-08	0.030036095
578745.014141196.41	578745.01	4141196	0.001690539	0.001864925	0.000930587	0.000839622	0.000664511	3.17976E-05	0	0	3.55669E-08	3.55669E-08	0.035566889
578765.014141196.41	578765.01	4141196	0.002017855	0.002215498	0.001105521	0.000997457	0.000789427	3.7775E-05	0	0	4.22799E-08	4.22799E-08	0.042279862
578785.014141196.41	578785.01	4141196	0.002405972	0.002630244	0.001312477	0.001184183	0.000937209	4.48465E-05	0	0	5.02242E-08	5.02242E-08	0.050224168
578805.014141196.41	578805.01	4141196	0.002880369	0.003136136	0.001564914	0.001411944	0.001117469	5.34722E-05	0	0	5.99171E-08	5.99171E-08	0.059917122
578825.014141196.41	578825.01	4141196	0.00345573	0.003747961	0.001870211	0.001687399	0.001335475	6.3904E-05	0	0	7.16444E-08	7.16444E-08	0.071644405
578845.014141196.41	578845.01	4141196	0.004166936	0.004501424	0.002246184	0.002026621	0.001603948	7.67508E-05	0	0	8.6094E-08	8.6094E-08	0.086094046
578865.014141196.41	578865.01	4141196	0.005041966	0.00542369	0.00270639	0.002441842	0.001932571	9.24757E-05	0	0	1.03794E-07	1.03794E-07	0.103793689
578885.014141196.41	578885.01	4141196	0.006085161	0.006517757	0.003252323	0.002934411	0.002322409	0.00011113	0	0	1.24805E-07	1.24805E-07	0.12480509
578905.014141196.41	578905.01	4141196	0.007367111	0.007852294	0.00391825	0.003535243	0.002797932	0.000133884	0	0	1.50462E-07	1.50462E-07	0.150461531
578925.014141196.41	578925.01	4141196	0.00893015	0.009467824	0.00472439	0.004262584	0.003373578	0.00016143	0	0	1.81552E-07	1.81552E-07	0.181551737
578945.014141196.41	578945.01	4141196	0.010784625	0.011375813	0.005676465	0.005121595	0.004053433	0.000193961	0	0	2.18294E-07	2.18294E-07	0.218294256
578965.014141196.41	578965.01	4141196	0.012896769	0.013550267	0.006761505	0.006100572	0.004828235	0.000231037	0	0	2.60164E-07	2.60164E-07	0.260164383
578985.014141196.41	578985.01	4141196	0.015119947	0.015859972	0.007914034	0.007140443	0.00565123	0.000270418	0	0	3.04581E-07	3.04581E-07	0.304581138
579005.014141196.41	579005.01	4141196	0.017462169	0.018339719	0.009151414	0.00825687	0.006534814	0.000312698	0	0	3.52141E-07	3.52141E-07	0.352141278
579025.014141196.41	579025.01	4141196	0.019770681	0.020874975	0.010416492	0.009398287	0.007438177	0.000355925	0	0	4.00522E-07	4.00522E-07	0.400521655
579045.014141196.41	579045.01	4141196	0.0217442	0.02318683	0.011570094	0.010439125	0.008261938	0.000395343	0	0	4.44266E-07	4.44266E-07	0.444265616
579065.014141196.41	579065.01	4141196	0.023232808	0.025137753	0.012543593	0.011317466	0.008957091	0.000428607	0	0	4.80679E-07	4.80679E-07	0.480678597

579085.014141196.41	579085.01	4141196	0.023955084	0.026385445	0.013166184	0.011879199	0.009401669	0.000449881	0	0	5.03314E-07	5.03314E-07	0.503314343
579105.014141196.41	579105.01	4141196	0.023927326	0.026896418	0.013421157	0.012109248	0.009583739	0.000458593	0	0	5.11667E-07	5.11667E-07	0.511666561
579125.014141196.41	579125.01	4141196	0.023197262	0.026642593	0.0132945	0.011994972	0.009493296	0.000454265	0	0	5.05407E-07	5.05407E-07	0.505407342
579145.014141196.41	579145.01	4141196	0.021903853	0.025694592	0.012821453	0.011568165	0.009155504	0.000438101	0	0	4.86096E-07	4.86096E-07	0.486096171
579165.014141196.41	579165.01	4141196	0.020164862	0.024115546	0.012033518	0.01085725	0.008592858	0.000411178	0	0	4.55109E-07	4.55109E-07	0.455108781
579185.014141196.41	579185.01	4141196	0.018174321	0.022100515	0.011028029	0.009950047	0.007874862	0.000376821	0	0	4.16214E-07	4.16214E-07	0.416214079
579205.014141196.41	579205.01	4141196	0.016137441	0.019889122	0.009924557	0.008954438	0.007086897	0.000339116	0	0	3.73948E-07	3.73948E-07	0.373947968
579225.014141196.41	579225.01	4141196	0.014188955	0.017662353	0.008813412	0.007951907	0.006293454	0.000301149	0	0	3.31679E-07	3.31679E-07	0.33167893
579245.014141196.41	579245.01	4141196	0.012416198	0.015557936	0.00776332	0.007004461	0.005543608	0.000265268	0	0	2.91927E-07	2.91927E-07	0.291927214
578385.014141216.41	578385.01	4141216	0.000168275	0.00019317	9.63909E-05	8.69688E-05	6.88305E-05	3.29362E-06	0	0	3.66466E-09	3.66466E-09	0.003664664
578405.014141216.41	578405.01	4141216	0.000181681	0.000208481	0.000104031	9.38617E-05	7.42859E-05	3.55466E-06	0	0	3.95531E-09	3.95531E-09	0.003955314
578425.014141216.41	578425.01	4141216	0.000197257	0.000226136	0.000112841	0.000101811	8.0577E-05	3.8557E-06	0	0	4.29082E-09	4.29082E-09	0.004290818
578445.014141216.41	578445.01	4141216	0.000215225	0.000246594	0.000123049	0.000111021	8.78663E-05	4.2045E-06	0	0	4.67933E-09	4.67933E-09	0.004679331
578465.014141216.41	578465.01	4141216	0.000236364	0.000270504	0.00013498	0.000121786	9.63859E-05	4.61218E-06	0	0	5.13381E-09	5.13381E-09	0.005133813
578485.014141216.41	578485.01	4141216	0.000266069	0.000298258	0.000148829	0.000134281	0.000106275	5.08539E-06	0	0	5.67602E-09	5.67602E-09	0.005676022
578505.014141216.41	578505.01	4141216	0.000294662	0.000330312	0.000164824	0.000148712	0.000117697	5.63192E-06	0	0	6.28602E-09	6.28602E-09	0.006286022
578525.014141216.41	578525.01	4141216	0.000329541	0.000376633	0.000187938	0.000169567	0.000134202	6.42172E-06	0	0	7.14927E-09	7.14927E-09	0.007149273
578545.014141216.41	578545.01	4141216	0.000370428	0.00042276	0.000210955	0.000190334	0.000150638	7.20819E-06	0	0	8.02634E-09	8.02634E-09	0.008026342
578565.014141216.41	578565.01	4141216	0.000418935	0.000477421	0.00023823	0.000214943	0.000170115	8.14018E-06	0	0	9.06585E-09	9.06585E-09	0.009065853
578585.014141216.41	578585.01	4141216	0.000476789	0.00054231	0.00027061	0.000244158	0.000193236	9.24657E-06	0	0	1.03006E-08	1.03006E-08	0.010300647
578605.014141216.41	578605.01	4141216	0.000544766	0.000618471	0.000308613	0.000278447	0.000220374	1.05451E-05	0	0	1.17501E-08	1.17501E-08	0.011750131
578625.014141216.41	578625.01	4141216	0.000628264	0.00071144	0.000355005	0.000320303	0.000253501	1.21303E-05	0	0	1.3521E-08	1.3521E-08	0.013520988
578645.014141216.41	578645.01	4141216	0.000732678	0.000827017	0.000412677	0.000372338	0.000294683	1.41009E-05	0	0	1.57242E-08	1.57242E-08	0.015724195
578665.014141216.41	578665.01	4141216	0.000857674	0.000964614	0.000481337	0.000434286	0.000343712	1.6447E-05	0	0	1.83491E-08	1.83491E-08	0.018349133
578685.014141216.41	578685.01	4141216	0.001011486	0.001132962	0.000565342	0.00051008	0.000403697	1.93174E-05	0	0	2.15632E-08	2.15632E-08	0.021563203
578705.014141216.41	578705.01	4141216	0.00119645	0.001334276	0.000665796	0.000600715	0.00047543	2.27499E-05	0	0	2.54096E-08	2.54096E-08	0.025409581
578725.014141216.41	578725.01	4141216	0.001423134	0.001579437	0.00078813	0.000711091	0.000562785	2.69299E-05	0	0	3.00978E-08	3.00978E-08	0.030097773
578745.014141216.41	578745.01	4141216	0.001703166	0.001880561	0.000938389	0.000846662	0.000670082	3.20642E-05	0	0	3.58607E-08	3.58607E-08	0.035860705
578765.014141216.41	578765.01	4141216	0.002049285	0.002250744	0.001123108	0.001013325	0.000801986	3.83759E-05	0	0	4.29506E-08	4.29506E-08	0.042950584
578785.014141216.41	578785.01	4141216	0.002469666	0.002698717	0.001346644	0.001215011	0.000961608	4.6014E-05	0	0	5.15347E-08	5.15347E-08	0.051534655
578805.014141216.41	578805.01	4141216	0.002976995	0.003238031	0.001615759	0.001457819	0.001153776	5.52095E-05	0	0	6.18725E-08	6.18725E-08	0.061872493
578825.014141216.41	578825.01	4141216	0.003602088	0.003900608	0.001946381	0.001756124	0.001389866	6.65067E-05	0	0	7.45783E-08	7.45783E-08	0.07457826
578845.014141216.41	578845.01	4141216	0.004376598	0.004718504	0.002354506	0.002124355	0.001681299	8.04521E-05	0	0	9.02706E-08	9.02706E-08	0.090270636
578925.014141216.41	578925.01	4141216	0.009741264	0.010287153	0.00513323	0.00463146	0.003665521	0.000175399	0	0	1.97372E-07	1.97372E-07	0.197371604
578945.014141216.41	578945.01	4141216	0.011849736	0.012443365	0.006209167	0.005602225	0.004433823	0.000212164	0	0	2.3893E-07	2.3893E-07	0.238930324
578965.014141216.41	578965.01	4141216	0.014353169	0.015000185	0.007485005	0.006753351	0.00534487	0.000255758	0	0	2.88219E-07	2.88219E-07	0.288219494
578985.014141216.41	578985.01	4141216	0.017010747	0.017740794	0.008852553	0.007987222	0.006321404	0.000302486	0	0	3.40978E-07	3.40978E-07	0.340978448
579005.014141216.41	579005.01	4141216	0.019739752	0.020617892	0.010288209	0.009282544	0.007346573	0.000351542	0	0	3.96192E-07	3.96192E-07	0.396192091
579025.014141216.41	579025.01	4141216	0.022322955	0.023458572	0.011705692	0.010561468	0.008358765	0.000399976	0	0	4.50391E-07	4.50391E-07	0.450391197
579045.014141216.41	579045.01	4141216	0.024534062	0.026078457	0.013012999	0.011740988	0.009292283	0.000444646	0	0	4.99892E-07	4.99892E-07	0.499891624
579065.014141216.41	579065.01	4141216	0.026102441	0.028214016	0.014078631	0.012702454	0.010053226	0.000481058	0	0	5.39577E-07	5.39577E-07	0.539577367
579085.014141216.41	579085.01	4141216	0.026735934	0.029495586	0.014718127	0.01327944	0.010509875	0.00050291	0	0	5.6252E-07	5.6252E-07	0.562520225
579105.014141216.41	579105.01	4141216	0.026441606	0.029848374	0.014894166	0.013438272	0.010635581	0.000508925	0	0	5.67506E-07	5.67506E-07	0.567506179
579125.014141216.41	579125.01	4141216	0.025355021	0.029316879	0.014628953	0.013198983	0.010446198	0.000499863	0	0	5.55654E-07	5.55654E-07	0.555654023
579145.014141216.41	579145.01	4141216	0.023614807	0.02793817	0.013940985	0.012578264	0.009954936	0.000476355	0	0	5.27969E-07	5.27969E-07	0.527968686
579165.014141216.41	579165.01	4141216	0.021410264	0.025854275	0.012901134	0.011640057	0.009212402	0.000440824	0	0	4.87331E-07	4.87331E-07	0.487330634
579185.014141216.41	579185.01	4141216	0.019034609	0.023382867	0.011667915	0.010527385	0.00833179	0.000398686	0	0	4.39813E-07	4.39813E-07	0.439813244
579205.014141216.41	579205.01	4141216	0.016706016	0.020792951	0.010375562	0.009361358	0.00740895	0.000354527	0	0	3.90474E-07	3.90474E-07	0.390473999
579225.014141216.41	579225.01	4141216	0.014561774	0.018287925	0.009125569	0.008233551	0.006516358	0.000311815	0	0	3.43058E-07	3.43058E-07	0.343058431
579245.014141216.41	579245.01	4141216	0.012601439	0.01591548	0.007941733	0.007165434	0.005671008	0.000271364	0	0	2.98352E-07	2.98352E-07	0.298352152
578385.014141236.41	578385.01	4141236	0.000167107	0.000191802	9.57082E-05	8.63528E-05	6.8343E-05	3.27029E-06	0	0	3.63878E-09	3.63878E-09	0.003638775

578405.014141236.41	578405.01	4141236	0.000180625	0.000207178	0.00010338	9.32751E-05	7.38216E-05	3.53245E-06	0	0	3.93082E-09	3.93082E-09	0.003930816
578425.014141236.41	578425.01	4141236	0.000195366	0.000224052	0.0001118	0.000100872	7.98341E-05	3.82015E-06	0	0	4.25105E-09	4.25105E-09	0.004251053
578445.014141236.41	578445.01	4141236	0.000212666	0.000243727	0.000121618	0.00010973	8.68449E-05	4.15563E-06	0	0	4.62477E-09	4.62477E-09	0.004624773
578465.014141236.41	578465.01	4141236	0.000232859	0.00026666	0.000133062	0.000120055	9.50163E-05	4.54664E-06	0	0	5.06045E-09	5.06045E-09	0.005060448
578485.014141236.41	578485.01	4141236	0.000261953	0.000293371	0.000146391	0.000132081	0.000104534	5.00208E-06	0	0	5.58372E-09	5.58372E-09	0.005583721
578505.014141236.41	578505.01	4141236	0.000290713	0.000325947	0.000162645	0.000146747	0.000116141	5.5575E-06	0	0	6.20279E-09	6.20279E-09	0.006202794
578525.014141236.41	578525.01	4141236	0.000324423	0.000370965	0.00018511	0.000167015	0.000132182	6.32508E-06	0	0	7.04123E-09	7.04123E-09	0.007041232
578545.014141236.41	578545.01	4141236	0.000363196	0.000414877	0.000207021	0.000186785	0.000147829	7.07378E-06	0	0	7.87576E-09	7.87576E-09	0.007875756
578565.014141236.41	578565.01	4141236	0.000410369	0.000468169	0.000233614	0.000210778	0.000166818	7.98244E-06	0	0	8.8889E-09	8.8889E-09	0.008888905
578585.014141236.41	578585.01	4141236	0.00046761	0.000532538	0.000265733	0.000239758	0.000189754	9.07995E-06	0	0	1.01134E-08	1.01134E-08	0.010113362
578605.014141236.41	578605.01	4141236	0.000534698	0.000607851	0.000303314	0.000273666	0.00021659	1.03641E-05	0	0	1.15463E-08	1.15463E-08	0.011546347
578625.014141236.41	578625.01	4141236	0.000616693	0.000699518	0.000349055	0.000314935	0.000249252	1.1927E-05	0	0	1.32914E-08	1.32914E-08	0.013291443
578645.014141236.41	578645.01	4141236	0.000719216	0.0008134	0.000405882	0.000366207	0.000289831	1.38687E-05	0	0	1.54613E-08	1.54613E-08	0.015461336
578665.014141236.41	578665.01	4141236	0.000844713	0.000951975	0.00047503	0.000428596	0.000339208	1.62315E-05	0	0	1.81038E-08	1.81038E-08	0.018103819
578685.014141236.41	578685.01	4141236	0.000999916	0.001122212	0.000559977	0.00050524	0.000399867	1.91341E-05	0	0	2.1353E-08	2.1353E-08	0.021353008
578705.014141236.41	578705.01	4141236	0.001189162	0.001328673	0.000663	0.000598193	0.000473433	2.26543E-05	0	0	2.52965E-08	2.52965E-08	0.025296461
578725.014141236.41	578725.01	4141236	0.001422356	0.001581326	0.000789072	0.000711941	0.000563458	2.69621E-05	0	0	3.01267E-08	3.01267E-08	0.030126738
578745.014141236.41	578745.01	4141236	0.001709953	0.001890855	0.000943526	0.000851297	0.00067375	3.22397E-05	0	0	3.60498E-08	3.60498E-08	0.036049803
578765.014141236.41	578765.01	4141236	0.002069978	0.002275827	0.001135625	0.001024618	0.000810923	3.88036E-05	0	0	4.34232E-08	4.34232E-08	0.043423153
578785.014141236.41	578785.01	4141236	0.002524293	0.002758851	0.001376651	0.001242084	0.000983034	4.70393E-05	0	0	5.26818E-08	5.26818E-08	0.052681823
578805.014141236.41	578805.01	4141236	0.003071952	0.003339274	0.001666278	0.001503401	0.001189851	5.69357E-05	0	0	6.38124E-08	6.38124E-08	0.06381238
578825.014141236.41	578825.01	4141236	0.003754453	0.004059966	0.002025899	0.001827869	0.001446648	6.92238E-05	0	0	7.76399E-08	7.76399E-08	0.077639881
578945.014141236.41	578945.01	4141236	0.013125345	0.013712751	0.006842584	0.006173726	0.004886131	0.000233807	0	0	2.63494E-07	2.63494E-07	0.263493807
578965.014141236.41	578965.01	4141236	0.015975118	0.016601642	0.008284123	0.007474356	0.005915502	0.000283064	0	0	3.19245E-07	3.19245E-07	0.319244632
578985.014141236.41	578985.01	4141236	0.019213788	0.01991225	0.009936098	0.008964851	0.007095138	0.00033951	0	0	3.83057E-07	3.83057E-07	0.383056994
579005.014141236.41	579005.01	4141236	0.022392434	0.023245986	0.011599613	0.010465759	0.008283016	0.000396352	0	0	4.47081E-07	4.47081E-07	0.447080689
579025.014141236.41	579025.01	4141236	0.02537705	0.026531251	0.013238941	0.011944844	0.009453623	0.000452367	0	0	5.09754E-07	5.09754E-07	0.509754154
579045.014141236.41	579045.01	4141236	0.027828248	0.029480536	0.014710617	0.013272664	0.010504513	0.000502653	0	0	5.65371E-07	5.65371E-07	0.565370738
579065.014141236.41	579065.01	4141236	0.029412593	0.031759686	0.0158479	0.014298778	0.01131662	0.000541513	0	0	6.07471E-07	6.07471E-07	0.607471
579085.014141236.41	579085.01	4141236	0.029946789	0.033119631	0.016526505	0.01491105	0.011801196	0.000564701	0	0	6.31425E-07	6.31425E-07	0.631425347
579105.014141236.41	579105.01	4141236	0.029306621	0.03327091	0.016601992	0.014979159	0.0118551	0.00056728	0	0	6.32105E-07	6.32105E-07	0.6321053
579125.014141236.41	579125.01	4141236	0.027690346	0.032280888	0.016107976	0.014533433	0.011502335	0.0005504	0	0	6.11185E-07	6.11185E-07	0.611184824
579145.014141236.41	579145.01	4141236	0.02535758	0.030306119	0.015122578	0.013644357	0.010798685	0.000516729	0	0	5.71984E-07	5.71984E-07	0.571983582
579165.014141236.41	579165.01	4141236	0.022661619	0.027675549	0.013809939	0.012460027	0.009861359	0.000471877	0	0	5.20931E-07	5.20931E-07	0.520931356
579185.014141236.41	579185.01	4141236	0.019865916	0.024683461	0.012316904	0.011112935	0.008795217	0.000420861	0	0	4.63631E-07	4.63631E-07	0.463631178
579205.014141236.41	579205.01	4141236	0.017213567	0.021655214	0.010805826	0.009749564	0.007716192	0.000369229	0	0	4.06141E-07	4.06141E-07	0.406141079
579225.014141236.41	579225.01	4141236	0.014848649	0.01882561	0.00939387	0.008475626	0.006707946	0.000320983	0	0	3.52744E-07	3.52744E-07	0.352743978
579245.014141236.41	579245.01	4141236	0.012713363	0.016189372	0.008078403	0.007288745	0.005768601	0.000276034	0	0	3.03189E-07	3.03189E-07	0.303188835
578385.014141256.41	578385.01	4141256	0.000166996	0.000191542	9.55782E-05	8.62355E-05	6.82502E-05	3.26585E-06	0	0	3.63416E-09	3.63416E-09	0.00363416
578405.014141256.41	578405.01	4141256	0.000179846	0.000206266	0.000102925	9.28644E-05	7.34966E-05	3.5169E-06	0	0	3.91356E-09	3.91356E-09	0.003913557
578425.014141256.41	578425.01	4141256	0.000199482	0.000223139	0.000111345	0.000100461	7.95091E-05	3.8046E-06	0	0	4.24768E-09	4.24768E-09	0.004247682
578445.014141256.41	578445.01	4141256	0.000216282	0.000241903	0.000120708	0.000108909	8.61948E-05	4.12452E-06	0	0	4.60493E-09	4.60493E-09	0.004604932
578465.014141256.41	578465.01	4141256	0.000235752	0.000263663	0.000131566	0.000118706	9.39484E-05	4.49554E-06	0	0	5.01921E-09	5.01921E-09	0.005019206
578485.014141256.41	578485.01	4141256	0.000258726	0.000289528	0.000144473	0.00013035	0.000103165	4.93654E-06	0	0	5.51114E-09	5.51114E-09	0.005511145
578505.014141256.41	578505.01	4141256	0.00028654	0.000328162	0.000163751	0.000147744	0.000116931	5.59526E-06	0	0	6.22751E-09	6.22751E-09	0.006227507
578525.014141256.41	578525.01	4141256	0.000318805	0.000364776	0.000182021	0.000164229	0.000129977	6.21955E-06	0	0	6.92317E-09	6.92317E-09	0.006923171
578545.014141256.41	578545.01	4141256	0.000356298	0.000407319	0.00020325	0.000183382	0.000145136	6.94493E-06	0	0	7.73149E-09	7.73149E-09	0.00773149
578565.014141256.41	578565.01	4141256	0.00040208	0.000459114	0.000229095	0.000206701	0.000163591	7.82804E-06	0	0	8.71597E-09	8.71597E-09	0.00871597
578585.014141256.41	578585.01	4141256	0.000458098	0.000522374	0.000260662	0.000235182	0.000186133	8.90666E-06	0	0	9.91868E-09	9.91868E-09	0.009918681
578605.014141256.41	578605.01	4141256	0.000525185	0.000597818	0.000298308	0.000269149	0.000213015	1.0193E-05	0	0	1.13538E-08	1.13538E-08	0.011353816
578625.014141256.41	578625.01	4141256	0.000604733	0.000687074	0.000342846	0.000309333	0.000244818	1.17148E-05	0	0	1.30522E-08	1.30522E-08	0.013052195

578645.014141256.41	578645.01	4141256	0.000703195	0.000797048	0.000397722	0.000358845	0.000284004	1.35899E-05	0	0	1.51461E-08	1.51461E-08	0.015146069
578665.014141256.41	578665.01	4141256	0.000828525	0.000935948	0.000467033	0.00042138	0.000333497	1.59582E-05	0	0	1.77935E-08	1.77935E-08	0.017793453
578685.014141256.41	578685.01	4141256	0.000982838	0.001105925	0.00055185	0.000497907	0.000394063	1.88564E-05	0	0	2.10358E-08	2.10358E-08	0.021035817
578705.014141256.41	578705.01	4141256	0.001177314	0.001318575	0.000657961	0.000593646	0.000469835	2.24821E-05	0	0	2.50962E-08	2.50962E-08	0.025096226
578725.014141256.41	578725.01	4141256	0.001415291	0.001577156	0.000786992	0.000710064	0.000561973	2.6891E-05	0	0	3.00379E-08	3.00379E-08	0.030037897
578745.014141256.41	578745.01	4141256	0.001712178	0.001897174	0.000946679	0.000854142	0.000676002	3.23475E-05	0	0	3.61604E-08	3.61604E-08	0.036160387
578765.014141256.41	578765.01	4141256	0.002086833	0.002298109	0.001146743	0.00103465	0.000818863	3.91835E-05	0	0	4.38386E-08	4.38386E-08	0.043838609
578785.014141256.41	578785.01	4141256	0.002562788	0.002803805	0.001399082	0.001262323	0.000999052	4.78058E-05	0	0	5.35328E-08	5.35328E-08	0.053532757
578805.014141256.41	578805.01	4141256	0.003166186	0.003441169	0.001717123	0.001549276	0.001226158	5.86731E-05	0	0	6.5761E-08	6.5761E-08	0.065760965
578965.014141256.41	578965.01	4141256	0.0179453	0.018530349	0.009246537	0.008342694	0.006602739	0.000315949	0	0	3.56657E-07	3.56657E-07	0.356657244
578985.014141256.41	578985.01	4141256	0.02169241	0.02232587	0.01114048	0.010051506	0.00795516	0.000380664	0	0	4.29913E-07	4.29913E-07	0.429913002
579005.014141256.41	579005.01	4141256	0.025604514	0.026400429	0.013173662	0.011885945	0.009407008	0.000450136	0	0	5.08241E-07	5.08241E-07	0.50824092
579025.014141256.41	579025.01	4141256	0.029027312	0.030174777	0.015057039	0.013585224	0.010751885	0.00051449	0	0	5.80227E-07	5.80227E-07	0.580227261
579045.014141256.41	579045.01	4141256	0.031780292	0.033552685	0.016742596	0.015106019	0.011955502	0.000572084	0	0	6.43772E-07	6.43772E-07	0.643772192
579065.014141256.41	579065.01	4141256	0.033389447	0.036048264	0.017987875	0.016229573	0.012844727	0.000614635	0	0	6.89514E-07	6.89514E-07	0.68951388
579085.014141256.41	579085.01	4141256	0.033653959	0.037353744	0.018639302	0.016817323	0.013309896	0.000636894	0	0	7.11804E-07	7.11804E-07	0.711804473
579105.014141256.41	579105.01	4141256	0.032456119	0.037105977	0.018515668	0.016705774	0.013221612	0.000632669	0	0	7.04318E-07	7.04318E-07	0.704318171
579125.014141256.41	579125.01	4141256	0.030168078	0.035526085	0.017727311	0.015994478	0.012658664	0.000605732	0	0	6.71759E-07	6.71759E-07	0.671759186
579145.014141256.41	579145.01	4141256	0.027174451	0.03287623	0.016405049	0.014801467	0.011714467	0.000560551	0	0	6.19544E-07	6.19544E-07	0.619544308
579165.014141256.41	579165.01	4141256	0.023895896	0.029564971	0.014752749	0.013310678	0.010534598	0.000504093	0	0	5.55608E-07	5.55608E-07	0.555608044
579185.014141256.41	579185.01	4141256	0.020664291	0.026000081	0.01297389	0.011705701	0.009264356	0.00044331	0	0	4.8762E-07	4.8762E-07	0.487620128
579205.014141256.41	579205.01	4141256	0.0176646	0.022478256	0.01121652	0.010120113	0.008009458	0.000383262	0	0	4.21001E-07	4.21001E-07	0.421000691
579225.014141256.41	579225.01	4141256	0.015022598	0.019239118	0.009600209	0.008661795	0.006855288	0.000328033	0	0	3.6006E-07	3.6006E-07	0.360060277
579245.014141256.41	579245.01	4141256	0.01275158	0.016374007	0.008170535	0.007371871	0.005834391	0.000279182	0	0	3.06344E-07	3.06344E-07	0.306343709
579265.014141256.41	579265.01	4141256	0.010817612	0.013891719	0.006931887	0.0062543	0.004949901	0.000236858	0	0	2.599E-07	2.599E-07	0.25989984
578385.014141276.41	578385.01	4141276	0.000173059	0.000198513	9.90567E-05	8.9374E-05	7.07341E-05	3.38471E-06	0	0	3.76638E-09	3.76638E-09	0.003766383
578405.014141276.41	578405.01	4141276	0.000180068	0.000206331	0.000102958	9.28938E-05	7.35198E-05	3.51801E-06	0	0	3.91526E-09	3.91526E-09	0.003915263
578425.014141276.41	578425.01	4141276	0.000198926	0.000222358	0.000110955	0.000100109	7.92305E-05	3.79127E-06	0	0	4.2332E-09	4.2332E-09	0.004233204
578445.014141276.41	578445.01	4141276	0.00021567	0.000241316	0.000120415	0.000108645	8.59859E-05	4.11452E-06	0	0	4.59352E-09	4.59352E-09	0.004593522
578465.014141276.41	578465.01	4141276	0.000234417	0.00026223	0.000130851	0.00011806	9.34377E-05	4.4711E-06	0	0	4.99177E-09	4.99177E-09	0.004991769
578485.014141276.41	578485.01	4141276	0.000256613	0.000287117	0.00014327	0.000129265	0.000102306	4.89544E-06	0	0	5.46537E-09	5.46537E-09	0.005465374
578505.014141276.41	578505.01	4141276	0.000282647	0.000316435	0.000157899	0.000142465	0.000112752	5.39531E-06	0	0	6.02297E-09	6.02297E-09	0.006022966
578525.014141276.41	578525.01	4141276	0.000313798	0.000359173	0.000179225	0.000161706	0.000127981	6.12402E-06	0	0	6.81652E-09	6.81652E-09	0.00681652
578545.014141276.41	578545.01	4141276	0.000350235	0.000400609	0.000199901	0.000180361	0.000142745	6.83051E-06	0	0	7.60357E-09	7.60357E-09	0.007603567
578565.014141276.41	578565.01	4141276	0.000393903	0.000450188	0.000224641	0.000202683	0.000160411	7.67585E-06	0	0	8.5455E-09	8.5455E-09	0.008545501
578585.014141276.41	578585.01	4141276	0.000448251	0.00051169	0.00025533	0.000230372	0.000182325	8.72448E-06	0	0	9.71445E-09	9.71445E-09	0.009714454
578605.014141276.41	578605.01	4141276	0.000513169	0.000584984	0.000291904	0.00026337	0.000208442	9.97417E-06	0	0	1.1108E-08	1.1108E-08	0.01110796
578625.014141276.41	578625.01	4141276	0.000593107	0.000674956	0.000336799	0.000303877	0.000240501	1.15082E-05	0	0	1.28193E-08	1.28193E-08	0.012819268
578645.014141276.41	578645.01	4141276	0.000688954	0.000782454	0.00039044	0.000352275	0.000278804	1.33411E-05	0	0	1.48649E-08	1.48649E-08	0.014864876
578665.014141276.41	578665.01	4141276	0.000810446	0.000917836	0.000457995	0.000413226	0.000327044	1.56494E-05	0	0	1.74433E-08	1.74433E-08	0.017443323
578685.014141276.41	578685.01	4141276	0.000963257	0.001087031	0.000542422	0.000489401	0.000387331	1.85342E-05	0	0	2.06685E-08	2.06685E-08	0.020668527
578705.014141276.41	578705.01	4141276	0.001157009	0.001299877	0.000648631	0.000585228	0.000463173	2.21633E-05	0	0	2.47301E-08	2.47301E-08	0.024730109
578725.014141276.41	578725.01	4141276	0.001403664	0.001568622	0.000782733	0.000706222	0.000558932	2.67455E-05	0	0	2.98641E-08	2.98641E-08	0.029864094
578745.014141276.41	578745.01	4141276	0.001707672	0.00189737	0.000946776	0.00085423	0.000676071	3.23508E-05	0	0	3.61508E-08	3.61508E-08	0.036150829
578765.014141276.41	578765.01	4141276	0.002100741	0.002318435	0.001156886	0.001043801	0.000826106	3.95301E-05	0	0	4.42135E-08	4.42135E-08	0.044213452
578785.014141276.41	578785.01	4141276	0.002601505	0.002850582	0.001422424	0.001283383	0.00101572	4.86034E-05	0	0	5.44144E-08	5.44144E-08	0.054414422
578985.014141276.41	578985.01	4141276	0.024734823	0.02525802	0.012603606	0.011371612	0.008999945	0.000430658	0	0	4.86924E-07	4.86924E-07	0.486924114
579005.014141276.41	579005.01	4141276	0.029346061	0.030021674	0.014980642	0.013516294	0.010697331	0.00051188	0	0	5.78605E-07	5.78605E-07	0.578605361
579025.014141276.41	579025.01	4141276	0.033543203	0.034658675	0.017294478	0.015603955	0.012349588	0.000590942	0	0	6.67022E-07	6.67022E-07	0.667022106
579045.014141276.41	579045.01	4141276	0.03658901	0.038504883	0.019213714	0.017335587	0.01372007	0.000656521	0	0	7.39125E-07	7.39125E-07	0.739124632
579065.014141276.41	579065.01	4141276	0.0381738	0.041255069	0.020586041	0.018573769	0.014700017	0.000703413	0	0	7.88998E-07	7.88998E-07	0.788998168

579085.014141276.41	579085.01	4141276	0.037871517	0.042232908	0.021073977	0.01901401	0.015048441	0.000720085	0	0	8.04275E-07	8.04275E-07	0.804274788
579105.014141276.41	579105.01	4141276	0.035981607	0.041517168	0.020716827	0.018691771	0.014793409	0.000707882	0	0	7.87104E-07	7.87104E-07	0.787103638
579125.014141276.41	579125.01	4141276	0.032853136	0.039178666	0.019549928	0.017638936	0.013960153	0.000668009	0	0	7.39643E-07	7.39643E-07	0.739643488
579145.014141276.41	579145.01	4141276	0.029077211	0.035690263	0.017809235	0.016068395	0.012717164	0.000608531	0	0	6.71373E-07	6.71373E-07	0.671373376
579165.014141276.41	579165.01	4141276	0.025104083	0.0315228	0.015729695	0.014192128	0.011232213	0.000537474	0	0	5.91339E-07	5.91339E-07	0.591339433
579185.014141276.41	579185.01	4141276	0.021327601	0.027212983	0.013579121	0.012251771	0.009696537	0.00046399	0	0	5.09515E-07	5.09515E-07	0.50951456
579205.014141276.41	579205.01	4141276	0.017962767	0.023142463	0.011547955	0.01041915	0.008246129	0.000394587	0	0	4.32806E-07	4.32806E-07	0.432805861
579225.014141276.41	579225.01	4141276	0.015083344	0.019519785	0.00974026	0.008788156	0.006955295	0.000332819	0	0	3.64864E-07	3.64864E-07	0.364863568
579245.014141276.41	579245.01	4141276	0.012662296	0.016399025	0.008183019	0.007383134	0.005843305	0.000279609	0	0	3.06503E-07	3.06503E-07	0.306503206
579265.014141276.41	579265.01	4141276	0.010691948	0.013821292	0.006896745	0.006222593	0.004924806	0.000235658	0	0	2.58381E-07	2.58381E-07	0.2583813
578385.014141296.41	578385.01	4141296	0.000169666	0.000194148	9.68785E-05	8.74087E-05	6.91787E-05	3.31028E-06	0	0	3.68473E-09	3.68473E-09	0.003684733
578405.014141296.41	578405.01	4141296	0.000186855	0.000214084	0.000106826	9.63843E-05	7.62823E-05	3.6502E-06	0	0	4.06244E-09	4.06244E-09	0.004062438
578425.014141296.41	578425.01	4141296	0.000199427	0.000223139	0.000111345	0.000100461	7.95091E-05	3.8046E-06	0	0	4.24752E-09	4.24752E-09	0.004247524
578445.014141296.41	578445.01	4141296	0.000215336	0.00024086	0.000120188	0.00010844	8.58234E-05	4.10675E-06	0	0	4.58505E-09	4.58505E-09	0.00458505
578465.014141296.41	578465.01	4141296	0.000234083	0.000261969	0.000130721	0.000117943	9.33449E-05	4.46666E-06	0	0	4.98652E-09	4.98652E-09	0.004986522
578485.014141296.41	578485.01	4141296	0.000255611	0.000292785	0.000146098	0.000131817	0.000104325	4.99208E-06	0	0	5.55606E-09	5.55606E-09	0.005556056
578505.014141296.41	578505.01	4141296	0.000280533	0.000321256	0.000160305	0.000144635	0.00011447	5.47752E-06	0	0	6.09652E-09	6.09652E-09	0.006096517
578525.014141296.41	578525.01	4141296	0.000310127	0.000355004	0.000177145	0.000159829	0.000126495	6.05293E-06	0	0	6.73731E-09	6.73731E-09	0.006737307
578545.014141296.41	578545.01	4141296	0.000345173	0.000394941	0.000197073	0.000177809	0.000140725	6.73387E-06	0	0	7.49568E-09	7.49568E-09	0.007495684
578565.014141296.41	578565.01	4141296	0.000387227	0.000442826	0.000220968	0.000199368	0.000157788	7.55033E-06	0	0	8.40509E-09	8.40509E-09	0.008405092
578585.014141296.41	578585.01	4141296	0.000438461	0.000501005	0.000249999	0.000225561	0.000178518	8.5423E-06	0	0	9.51038E-09	9.51038E-09	0.009510384
578605.014141296.41	578605.01	4141296	0.000501599	0.00057254	0.000285694	0.000257768	0.000204008	9.762E-06	0	0	1.08698E-08	1.08698E-08	0.010869816
578625.014141296.41	578625.01	4141296	0.000579589	0.000660623	0.000329647	0.000297424	0.000235393	1.12638E-05	0	0	1.25444E-08	1.25444E-08	0.012544426
578645.014141296.41	578645.01	4141296	0.000675437	0.000768512	0.000383483	0.000345998	0.000273836	1.31034E-05	0	0	1.45965E-08	1.45965E-08	0.014596485
578665.014141296.41	578665.01	4141296	0.000792089	0.000899334	0.000448762	0.000404896	0.000320451	1.53339E-05	0	0	1.7086E-08	1.7086E-08	0.017085954
578685.014141296.41	578685.01	4141296	0.000942118	0.001066379	0.000532117	0.000480103	0.000379972	1.81821E-05	0	0	2.02678E-08	2.02678E-08	0.020267793
578705.014141296.41	578705.01	4141296	0.001134202	0.001278703	0.000638066	0.000575695	0.000455628	2.18023E-05	0	0	2.4316E-08	2.4316E-08	0.024316041
578725.014141296.41	578725.01	4141296	0.001380412	0.00154836	0.000772623	0.000697099	0.000551712	2.64001E-05	0	0	2.94638E-08	2.94638E-08	0.029463813
578745.014141296.41	578745.01	4141296	0.001697381	0.001892353	0.000944273	0.000851971	0.000674284	3.22652E-05	0	0	3.60389E-08	3.60389E-08	0.036038861
579005.014141296.41	579005.01	4141296	0.033981386	0.034455602	0.017193146	0.015512528	0.012277229	0.000587479	0	0	6.64915E-07	6.64915E-07	0.664914532
579025.014141296.41	579025.01	4141296	0.038975012	0.039987767	0.019953664	0.018003207	0.014248452	0.000681805	0	0	7.70361E-07	7.70361E-07	0.770360901
579045.014141296.41	579045.01	4141296	0.04242568	0.044505804	0.022208139	0.020037308	0.01585832	0.000758839	0	0	8.54697E-07	8.54697E-07	0.854697054
579065.014141296.41	579065.01	4141296	0.043699842	0.047275339	0.023590121	0.021284203	0.016845162	0.00080606	0	0	9.04009E-07	9.04009E-07	0.904008625
579085.014141296.41	579085.01	4141296	0.042782423	0.048042353	0.023972856	0.021629526	0.017118464	0.000819138	0	0	9.14062E-07	9.14062E-07	0.914061547
579105.014141296.41	579105.01	4141296	0.039942107	0.046648659	0.023277411	0.02100206	0.016621863	0.000795375	0	0	8.83008E-07	8.83008E-07	0.883008043
579125.014141296.41	579125.01	4141296	0.03573256	0.043281501	0.021597219	0.019486105	0.015422076	0.000737964	0	0	8.15508E-07	8.15508E-07	0.815508287
579145.014141296.41	579145.01	4141296	0.030885125	0.038569186	0.019245801	0.017364537	0.013742983	0.000657617	0	0	7.24004E-07	7.24004E-07	0.724004038
579165.014141296.41	579165.01	4141296	0.026173756	0.033425707	0.016679235	0.015048851	0.011910257	0.000569919	0	0	6.25772E-07	6.25772E-07	0.625771669
579185.014141296.41	579185.01	4141296	0.021819353	0.028272456	0.014107792	0.012728765	0.010074049	0.000482055	0	0	5.28391E-07	5.28391E-07	0.528390746
579205.014141296.41	579205.01	4141296	0.018092881	0.023617734	0.011785112	0.010633126	0.008415477	0.00040269	0	0	4.41017E-07	4.41017E-07	0.441016872
579225.014141296.41	579225.01	4141296	0.015004852	0.019625589	0.009793056	0.008835791	0.006992995	0.000334623	0	0	3.66387E-07	3.66387E-07	0.366386639
579245.014141296.41	579245.01	4141296	0.012458252	0.016269506	0.00811839	0.007324823	0.005797155	0.0002774	0	0	3.03787E-07	3.03787E-07	0.30378731
579265.014141296.41	579265.01	4141296	0.010455195	0.013600563	0.006786602	0.006123217	0.004846156	0.000231894	0	0	2.54068E-07	2.54068E-07	0.254067656
579285.014141296.41	579285.01	4141296	0.008829407	0.01142839	0.0057027	0.005145265	0.004072167	0.000194858	0	0	2.13615E-07	2.13615E-07	0.213614918
578385.014141316.41	578385.01	4141316	0.00017534	0.000196884	9.82439E-05	8.86407E-05	7.01537E-05	3.35694E-06	0	0	3.74598E-09	3.74598E-09	0.003745979
578405.014141316.41	578405.01	4141316	0.000187189	0.000209849	0.000104713	9.44777E-05	7.47734E-05	3.57799E-06	0	0	3.99351E-09	3.99351E-09	0.003993512
578425.014141316.41	578425.01	4141316	0.000202542	0.000231674	0.000115604	0.000104304	8.25502E-05	3.95012E-06	0	0	4.39718E-09	4.39718E-09	0.004397182
578445.014141316.41	578445.01	4141316	0.000216783	0.000248092	0.000123796	0.000111695	8.84002E-05	4.23005E-06	0	0	4.70847E-09	4.70847E-09	0.004708474
578465.014141316.41	578465.01	4141316	0.000234083	0.000261904	0.000130689	0.000117914	9.33217E-05	4.46555E-06	0	0	4.98545E-09	4.98545E-09	0.004985447
578485.014141316.41	578485.01	4141316	0.000255055	0.000291873	0.000145643	0.000131406	0.000104	4.97653E-06	0	0	5.53943E-09	5.53943E-09	0.005539428
578505.014141316.41	578505.01	4141316	0.000279643	0.000319953	0.000159655	0.000144048	0.000114006	5.4553E-06	0	0	6.07249E-09	6.07249E-09	0.006072492

578525.014141316.41	578525.01	4141316	0.00030818	0.000352658	0.000175974	0.000158773	0.000125659	6.01294E-06	0	0	6.69308E-09	6.69308E-09	0.006693084
578545.014141316.41	578545.01	4141316	0.000341724	0.000390966	0.00019509	0.00017602	0.000139309	6.66611E-06	0	0	7.42033E-09	7.42033E-09	0.007420327
578565.014141316.41	578565.01	4141316	0.000382221	0.000437158	0.000218139	0.000196816	0.000155768	7.45369E-06	0	0	8.29737E-09	8.29737E-09	0.008297367
578585.014141316.41	578585.01	4141316	0.000431174	0.000492992	0.000246	0.000221954	0.000175663	8.40567E-06	0	0	9.35749E-09	9.35749E-09	0.009357489
578605.014141316.41	578605.01	4141316	0.00049192	0.000562051	0.00028046	0.000253045	0.00020027	9.58315E-06	0	0	1.06693E-08	1.06693E-08	0.010669287
578625.014141316.41	578625.01	4141316	0.000566628	0.000646811	0.000322755	0.000291206	0.000230472	1.10283E-05	0	0	1.22798E-08	1.22798E-08	0.012279763
578645.014141316.41	578645.01	4141316	0.000660417	0.000752811	0.000375648	0.000338929	0.000268242	1.28357E-05	0	0	1.42948E-08	1.42948E-08	0.014294808
578665.014141316.41	578665.01	4141316	0.000775512	0.000882525	0.000440375	0.000397328	0.000314461	1.50473E-05	0	0	1.67616E-08	1.67616E-08	0.016761584
578685.014141316.41	578685.01	4141316	0.000920701	0.00104527	0.000521584	0.000470599	0.000372451	1.78222E-05	0	0	1.98587E-08	1.98587E-08	0.019858745
578705.014141316.41	578705.01	4141316	0.001108557	0.001254337	0.000625907	0.000564725	0.000446946	2.13869E-05	0	0	2.38413E-08	2.38413E-08	0.023841251
578725.014141316.41	578725.01	4141316	0.001353154	0.001524059	0.000760497	0.000686159	0.000543053	2.59857E-05	0	0	2.89855E-08	2.89855E-08	0.028985521
579025.014141316.41	579025.01	4141316	0.045629359	0.046431123	0.023168862	0.020904121	0.01654435	0.000791666	0	0	8.95553E-07	8.95553E-07	0.895553128
579045.014141316.41	579045.01	4141316	0.049442278	0.051672718	0.025784387	0.023263981	0.018412037	0.000881037	0	0	9.92856E-07	9.92856E-07	0.992855548
579065.014141316.41	579065.01	4141316	0.050420387	0.054713408	0.027301674	0.024632955	0.019495497	0.000932882	0	0	1.0458E-06	1.0458E-06	1.045801246
579085.014141316.41	579085.01	4141316	0.048540101	0.055062874	0.027476056	0.02479029	0.019620018	0.00093884	0	0	1.04623E-06	1.04623E-06	1.046233108
579105.014141316.41	579105.01	4141316	0.044329831	0.052594398	0.0262443	0.023678938	0.01874045	0.000896752	0	0	9.93559E-07	9.93559E-07	0.993559396
579125.014141316.41	579125.01	4141316	0.03867818	0.047755757	0.023829846	0.021500495	0.017016344	0.000814252	0	0	8.97689E-07	8.97689E-07	0.897689273
579145.014141316.41	579145.01	4141316	0.032625673	0.041574565	0.020745468	0.018717613	0.01481386	0.00070886	0	0	7.7853E-07	7.7853E-07	0.778530099
579165.014141316.41	579165.01	4141316	0.0270247	0.035178052	0.017553645	0.015837788	0.012534653	0.000599798	0	0	6.57099E-07	6.57099E-07	0.657099133
579185.014141316.41	579185.01	4141316	0.02213215	0.029153352	0.014547354	0.01312536	0.01038793	0.000497074	0	0	5.43813E-07	5.43813E-07	0.543812761
579205.014141316.41	579205.01	4141316	0.018042148	0.023870256	0.01191112	0.010746816	0.008505456	0.000406996	0	0	4.4504E-07	4.4504E-07	0.445039518
579225.014141316.41	579225.01	4141316	0.0147775	0.019529884	0.009745299	0.008792703	0.006958893	0.000332991	0	0	3.64163E-07	3.64163E-07	0.364162528
579245.014141316.41	579245.01	4141316	0.012221833	0.016081548	0.008024599	0.0072402	0.005730182	0.000274196	0	0	3.00015E-07	3.00015E-07	0.300015322
579265.014141316.41	579265.01	4141316	0.01020192	0.013342568	0.006657864	0.006007063	0.004754227	0.000227495	0	0	2.49092E-07	2.49092E-07	0.249092261
579285.014141316.41	579285.01	4141316	0.008574631	0.011138732	0.005558163	0.005014856	0.003968956	0.000189919	0	0	2.08113E-07	2.08113E-07	0.208112828
578385.014141336.41	578385.01	4141336	0.000178233	0.000200663	0.00010013	9.03419E-05	7.15002E-05	3.42137E-06	0	0	3.81653E-09	3.81653E-09	0.003816533
578405.014141336.41	578405.01	4141336	0.000189803	0.000213302	0.000106436	9.60323E-05	7.60038E-05	3.63687E-06	0	0	4.0579E-09	4.0579E-09	0.004057902
578425.014141336.41	578425.01	4141336	0.000203043	0.00022783	0.000113686	0.000102573	8.11806E-05	3.88458E-06	0	0	4.33518E-09	4.33518E-09	0.00433518
578445.014141336.41	578445.01	4141336	0.000219064	0.000250307	0.000124902	0.000112693	8.91895E-05	4.26782E-06	0	0	4.75149E-09	4.75149E-09	0.004751494
578465.014141336.41	578465.01	4141336	0.000238144	0.000272002	0.000135727	0.00012246	9.69199E-05	4.63773E-06	0	0	5.16359E-09	5.16359E-09	0.005163588
578485.014141336.41	578485.01	4141336	0.000256112	0.00029272	0.000146066	0.000131788	0.000104302	4.99097E-06	0	0	5.5564E-09	5.5564E-09	0.005556401
578505.014141336.41	578505.01	4141336	0.000279364	0.000319366	0.000159362	0.000143784	0.000113797	5.4453E-06	0	0	6.06203E-09	6.06203E-09	0.006062029
578525.014141336.41	578525.01	4141336	0.00030729	0.00035129	0.000175292	0.000158157	0.000125172	5.98961E-06	0	0	6.66798E-09	6.66798E-09	0.006667985
578545.014141336.41	578545.01	4141336	0.000340444	0.000389142	0.00019418	0.000175199	0.000138659	6.635E-06	0	0	7.3866E-09	7.3866E-09	0.007386598
578565.014141336.41	578565.01	4141336	0.000378772	0.000433119	0.000216124	0.000194998	0.000154329	7.38482E-06	0	0	8.22093E-09	8.22093E-09	0.008220934
578585.014141336.41	578585.01	4141336	0.000425611	0.000486672	0.000242847	0.000219108	0.000173411	8.29792E-06	0	0	9.23744E-09	9.23744E-09	0.009237436
578605.014141336.41	578605.01	4141336	0.000483631	0.000552865	0.000275876	0.00024891	0.000196997	9.42653E-06	0	0	1.04942E-08	1.04942E-08	0.010494202
578625.014141336.41	578625.01	4141336	0.000555781	0.000635019	0.000316871	0.000285897	0.00022627	1.08273E-05	0	0	1.20544E-08	1.20544E-08	0.01205442
578645.014141336.41	578645.01	4141336	0.000643951	0.00073535	0.000366936	0.000331068	0.00026202	1.2538E-05	0	0	1.396E-08	1.396E-08	0.013960004
578665.014141336.41	578665.01	4141336	0.000758267	0.000864739	0.0004315	0.000389321	0.000308124	1.47441E-05	0	0	1.64192E-08	1.64192E-08	0.016419196
578685.014141336.41	578685.01	4141336	0.000898951	0.00102351	0.000510725	0.000460802	0.000364697	1.74512E-05	0	0	1.9438E-08	1.9438E-08	0.019438001
578705.014141336.41	578705.01	4141336	0.001082913	0.001229775	0.000613651	0.000553667	0.000438194	2.09681E-05	0	0	2.33632E-08	2.33632E-08	0.023363237
579025.014141336.41	579025.01	4141336	0.054128224	0.05458845	0.027239321	0.024576696	0.019450971	0.000930751	0	0	1.05426E-06	1.05426E-06	1.054258374
579045.014141336.41	579045.01	4141336	0.058269126	0.060726578	0.030302211	0.027340191	0.021638111	0.001035408	0	0	1.16728E-06	1.16728E-06	1.167283885
579065.014141336.41	579065.01	4141336	0.05860067	0.063960439	0.031915889	0.028796133	0.022790401	0.001090547	0	0	1.22158E-06	1.22158E-06	1.221582591
579085.014141336.41	579085.01	4141336	0.05518616	0.063492009	0.031682145	0.028585237	0.02262349	0.00108256	0	0	1.20417E-06	1.20417E-06	1.204166816
579105.014141336.41	579105.01	4141336	0.049036304	0.059368456	0.029624516	0.02672874	0.021154184	0.001012252	0	0	1.11868E-06	1.11868E-06	1.118682151
579125.014141336.41	579125.01	4141336	0.041618683	0.052605082	0.026249632	0.023683749	0.018744257	0.000896934	0	0	9.86044E-07	9.86044E-07	0.986044324
579145.014141336.41	579145.01	4141336	0.034254743	0.044673565	0.022291851	0.020112838	0.015918097	0.000761699	0	0	8.34285E-07	8.34285E-07	0.834284629
579165.014141336.41	579165.01	4141336	0.027641616	0.036744198	0.018335142	0.016542895	0.013092703	0.000626501	0	0	6.8469E-07	6.8469E-07	0.684690419
579185.014141336.41	579185.01	4141336	0.022203243	0.029755014	0.01484758	0.013396239	0.010602315	0.000507333	0	0	5.53942E-07	5.53942E-07	0.553941768

579205.014141336.41	579205.01	4141336	0.017803058	0.02386778	0.011909884	0.010745701	0.008504574	0.000406954	0	0	4.4432E-07	4.4432E-07	0.444320385
579225.014141336.41	579225.01	4141336	0.014511653	0.019359711	0.009660384	0.008716088	0.006898258	0.00033009	0	0	3.60601E-07	3.60601E-07	0.360600523
579245.014141336.41	579245.01	4141336	0.011909147	0.015772541	0.007870407	0.00710108	0.005620076	0.000268927	0	0	2.9403E-07	2.9403E-07	0.294029683
579265.014141336.41	579265.01	4141336	0.009879778	0.012976098	0.006474998	0.005842071	0.004623647	0.000221247	0	0	2.42132E-07	2.42132E-07	0.242131673
579285.014141336.41	579285.01	4141336	0.008289091	0.01079337	0.005385829	0.004859368	0.003845897	0.000184031	0	0	2.01604E-07	2.01604E-07	0.20160437
578385.014141356.41	578385.01	4141356	0.000182015	0.000205614	0.0001026	9.25711E-05	7.32645E-05	3.50579E-06	0	0	3.90896E-09	3.90896E-09	0.003908962
578405.014141356.41	578405.01	4141356	0.000193808	0.000218514	0.000109037	9.83788E-05	7.78609E-05	3.72573E-06	0	0	4.15526E-09	4.15526E-09	0.004155262
578425.014141356.41	578425.01	4141356	0.000207159	0.000236235	0.00011788	0.000106357	8.41752E-05	4.02788E-06	0	0	4.48553E-09	4.48553E-09	0.004485529
578445.014141356.41	578445.01	4141356	0.000221956	0.000253109	0.0001263	0.000113954	9.01877E-05	4.31559E-06	0	0	4.80592E-09	4.80592E-09	0.004805923
578465.014141356.41	578465.01	4141356	0.00023909	0.000272654	0.000136053	0.000122754	9.7152E-05	4.64884E-06	0	0	5.17702E-09	5.17702E-09	0.00517702
578485.014141356.41	578485.01	4141356	0.00026084	0.000297411	0.000148406	0.0001339	0.000105973	5.07095E-06	0	0	5.64721E-09	5.64721E-09	0.005647213
578505.014141356.41	578505.01	4141356	0.000283258	0.000323145	0.000161248	0.000145486	0.000115143	5.50973E-06	0	0	6.13542E-09	6.13542E-09	0.006135424
578525.014141356.41	578525.01	4141356	0.00030818	0.000351811	0.000175552	0.000158392	0.000125357	5.9985E-06	0	0	6.67911E-09	6.67911E-09	0.00667911
578545.014141356.41	578545.01	4141356	0.00034011	0.00038836	0.00019379	0.000174847	0.000138381	6.62167E-06	0	0	7.37275E-09	7.37275E-09	0.007372751
578565.014141356.41	578565.01	4141356	0.000378327	0.000432076	0.000215604	0.000194528	0.000153958	7.36704E-06	0	0	8.20247E-09	8.20247E-09	0.008202472
578585.014141356.41	578585.01	4141356	0.000422774	0.000483024	0.000241026	0.000217466	0.000172111	8.23571E-06	0	0	9.16919E-09	9.16919E-09	0.00916919
578605.014141356.41	578605.01	4141356	0.000478235	0.000546545	0.000272723	0.000246064	0.000194745	9.31878E-06	0	0	1.03746E-08	1.03746E-08	0.010374623
578625.014141356.41	578625.01	4141356	0.000546379	0.000624465	0.000311604	0.000281145	0.000222509	1.06473E-05	0	0	1.18536E-08	1.18536E-08	0.011853605
578645.014141356.41	578645.01	4141356	0.000631045	0.000721278	0.000359914	0.000324732	0.000257006	1.2298E-05	0	0	1.36912E-08	1.36912E-08	0.013691198
578665.014141356.41	578665.01	4141356	0.000739576	0.000844933	0.000421617	0.000380404	0.000301067	1.44064E-05	0	0	1.60394E-08	1.60394E-08	0.01603938
578685.014141356.41	578685.01	4141356	0.000878424	0.001002597	0.00050029	0.000451387	0.000357245	1.70946E-05	0	0	1.90347E-08	1.90347E-08	0.019034703
579025.014141356.41	579025.01	4141356	0.065206788	0.065138289	0.03250363	0.029326422	0.023210093	0.00111063	0	0	1.25976E-06	1.25976E-06	1.259758086
579045.014141356.41	579045.01	4141356	0.069510903	0.072359408	0.036106926	0.032577499	0.025783124	0.001233752	0	0	1.39112E-06	1.39112E-06	1.391115799
579065.014141356.41	579065.01	4141356	0.068495356	0.075463881	0.03765604	0.033975188	0.026889311	0.001286684	0	0	1.43946E-06	1.43946E-06	1.439458004
579085.014141356.41	579085.01	4141356	0.062716039	0.073560583	0.036706305	0.03311829	0.026211127	0.001254232	0	0	1.39166E-06	1.39166E-06	1.391658337
579105.014141356.41	579105.01	4141356	0.053958336	0.067059243	0.033462175	0.03019127	0.023894568	0.001143382	0	0	1.25954E-06	1.25954E-06	1.259542295
579125.014141356.41	579125.01	4141356	0.044355197	0.057688754	0.028786354	0.025972508	0.020555672	0.000983612	0	0	1.07769E-06	1.07769E-06	1.077687328
579145.014141356.41	579145.01	4141356	0.035419484	0.047457434	0.023680985	0.021366185	0.016910046	0.000809165	0	0	8.83522E-07	8.83522E-07	0.883522272
579165.014141356.41	579165.01	4141356	0.027864517	0.037894751	0.018909262	0.017060894	0.013502668	0.000646118	0	0	7.04307E-07	7.04307E-07	0.704306696
579185.014141356.41	579185.01	4141356	0.021968326	0.029958804	0.01494927	0.013487989	0.010674929	0.000510808	0	0	5.56638E-07	5.56638E-07	0.556637817
579205.014141356.41	579205.01	4141356	0.017461724	0.023697608	0.011824969	0.010669087	0.008443938	0.000404052	0	0	4.40544E-07	4.40544E-07	0.440544227
579225.014141356.41	579225.01	4141356	0.014068409	0.0189234	0.009442667	0.008519653	0.006742791	0.00032265	0	0	3.52144E-07	3.52144E-07	0.352144009
579245.014141356.41	579245.01	4141356	0.01148209	0.015283784	0.00762652	0.006881033	0.005445922	0.000260594	0	0	2.84754E-07	2.84754E-07	0.284753745
579265.014141356.41	579265.01	4141356	0.009511575	0.012524672	0.006249739	0.005638831	0.004462795	0.00021355	0	0	2.33639E-07	2.33639E-07	0.233638657
579285.014141356.41	579285.01	4141356	0.007964946	0.010379667	0.005179394	0.004673111	0.003698486	0.000176977	0	0	1.93859E-07	1.93859E-07	0.19385875
579305.014141356.41	579305.01	4141356	0.006760208	0.008723222	0.004352838	0.003927351	0.003108261	0.000148734	0	0	1.6311E-07	1.6311E-07	0.163109942
578385.014141376.41	578385.01	4141376	0.000186354	0.000212129	0.000105851	9.55043E-05	7.55859E-05	3.61687E-06	0	0	4.02877E-09	4.02877E-09	0.004028768
578405.014141376.41	578405.01	4141376	0.000198481	0.000225811	0.000112678	0.000101664	8.04609E-05	3.85015E-06	0	0	4.28891E-09	4.28891E-09	0.004288915
578425.014141376.41	578425.01	4141376	0.000211776	0.000240991	0.000120253	0.000108498	8.58698E-05	4.10897E-06	0	0	4.5771E-09	4.5771E-09	0.0045771
578445.014141376.41	578445.01	4141376	0.000227018	0.000258255	0.000128868	0.000116271	9.20216E-05	4.40334E-06	0	0	4.90521E-09	4.90521E-09	0.004905207
578465.014141376.41	578465.01	4141376	0.000243818	0.00027741	0.000138426	0.000124895	9.88467E-05	4.72993E-06	0	0	5.26891E-09	5.26891E-09	0.005268907
578485.014141376.41	578485.01	4141376	0.000262676	0.000298974	0.000149186	0.000134604	0.000106531	5.09761E-06	0	0	5.67822E-09	5.67822E-09	0.00567822
578505.014141376.41	578505.01	4141376	0.000285762	0.000325295	0.00016232	0.000146454	0.000115909	5.54639E-06	0	0	6.178E-09	6.178E-09	0.006177999
578525.014141376.41	578525.01	4141376	0.000313854	0.000357284	0.000178283	0.000160856	0.000127307	6.09181E-06	0	0	6.7855E-09	6.7855E-09	0.006785504
578545.014141376.41	578545.01	4141376	0.000341946	0.000389663	0.00019444	0.000175433	0.000138845	6.64389E-06	0	0	7.39946E-09	7.39946E-09	0.007399458
578565.014141376.41	578565.01	4141376	0.000379217	0.000432337	0.000215734	0.000194646	0.00015405	7.37149E-06	0	0	8.2093E-09	8.2093E-09	0.008209297
578585.014141376.41	578585.01	4141376	0.000423386	0.000482959	0.000240994	0.000217437	0.000172088	8.2346E-06	0	0	9.16985E-09	9.16985E-09	0.00916985
578605.014141376.41	578605.01	4141376	0.000476455	0.000543874	0.00027139	0.000244862	0.000193793	9.27323E-06	0	0	1.03255E-08	1.03255E-08	0.010325499
578625.014141376.41	578625.01	4141376	0.000541317	0.000618276	0.000308516	0.000278359	0.000220304	1.05418E-05	0	0	1.17371E-08	1.17371E-08	0.011737122
578645.014141376.41	578645.01	4141376	0.000622145	0.000711049	0.00035481	0.000320127	0.000253361	1.21236E-05	0	0	1.34972E-08	1.34972E-08	0.013497178
578665.014141376.41	578665.01	4141376	0.000725613	0.000829623	0.000413977	0.000373511	0.000295611	1.41453E-05	0	0	1.57472E-08	1.57472E-08	0.015747152

578685.014141376.41	578685.01	4141376	0.00085901	0.000982139	0.000490082	0.000442177	0.000349956	1.67458E-05	0	0	1.86421E-08	1.86421E-08	0.018642087
579005.014141376.41	579005.01	4141376	0.069380288	0.066783984	0.033324822	0.030067343	0.023796487	0.001138689	0	0	1.29875E-06	1.29875E-06	1.298751726
579025.014141376.41	579025.01	4141376	0.079576645	0.078625621	0.03923373	0.03539866	0.028015903	0.001340593	0	0	1.52306E-06	1.52306E-06	1.523063116
579045.014141376.41	579045.01	4141376	0.083651517	0.087070391	0.043447622	0.039200647	0.031024945	0.001484579	0	0	1.67396E-06	1.67396E-06	1.673960508
579065.014141376.41	579065.01	4141376	0.080389372	0.089835171	0.044827231	0.0404454	0.032010092	0.00153172	0	0	1.71032E-06	1.71032E-06	1.710324372
579085.014141376.41	579085.01	4141376	0.071132296	0.085686536	0.042757086	0.03857761	0.03053185	0.001460984	0	0	1.61561E-06	1.61561E-06	1.615610844
579105.014141376.41	579105.01	4141376	0.058796203	0.075590924	0.037719434	0.034032385	0.026934579	0.00128885	0	0	1.41404E-06	1.41404E-06	1.414038266
579125.014141376.41	579125.01	4141376	0.046477076	0.062603425	0.031238747	0.028185181	0.022306869	0.001067409	0	0	1.1648E-06	1.1648E-06	1.164798185
579145.014141376.41	579145.01	4141376	0.035935825	0.049655928	0.024778021	0.022355986	0.017693414	0.00084665	0	0	9.21262E-07	9.21262E-07	0.92126186
579165.014141376.41	579165.01	4141376	0.027679832	0.03854078	0.019231627	0.017351748	0.013732861	0.000657133	0	0	7.14442E-07	7.14442E-07	0.714442127
579185.014141376.41	579185.01	4141376	0.021471845	0.029768109	0.014854114	0.013402135	0.010606981	0.000507556	0	0	5.52083E-07	5.52083E-07	0.552082901
579205.014141376.41	579205.01	4141376	0.016882691	0.023155363	0.011554392	0.010424958	0.008250725	0.000394807	0	0	4.29955E-07	4.29955E-07	0.429954594
579225.014141376.41	579225.01	4141376	0.013511627	0.018286492	0.009124854	0.008232906	0.006515848	0.000311791	0	0	3.40056E-07	3.40056E-07	0.340055574
579245.014141376.41	579245.01	4141376	0.011003577	0.014689093	0.007329772	0.006613292	0.005234021	0.000250454	0	0	2.73584E-07	2.73584E-07	0.273583933
579265.014141376.41	579265.01	4141376	0.009087911	0.011973697	0.005974805	0.005390772	0.004266471	0.000204156	0	0	2.23346E-07	2.23346E-07	0.223345752
579285.014141376.41	579285.01	4141376	0.007637297	0.009942639	0.004961319	0.004476354	0.003542764	0.000169525	0	0	1.85718E-07	1.85718E-07	0.185718348
579305.014141376.41	579305.01	4141376	0.006511606	0.008386787	0.004184958	0.003775881	0.002988382	0.000142998	0	0	1.56854E-07	1.56854E-07	0.156853543
578385.014141396.41	578385.01	4141396	0.000191249	0.000217341	0.000108452	9.78509E-05	7.7443E-05	3.70574E-06	0	0	4.12865E-09	4.12865E-09	0.004128653
578405.014141396.41	578405.01	4141396	0.000203265	0.000230892	0.000115214	0.000103952	8.22716E-05	3.93679E-06	0	0	4.38633E-09	4.38633E-09	0.004386334
578425.014141396.41	578425.01	4141396	0.000216449	0.000245812	0.000122659	0.000110669	8.75877E-05	4.19117E-06	0	0	4.6699E-09	4.6699E-09	0.004669904
578445.014141396.41	578445.01	4141396	0.000231691	0.000263077	0.000131274	0.000118442	9.37395E-05	4.48554E-06	0	0	4.99801E-09	4.99801E-09	0.004998011
578465.014141396.41	578465.01	4141396	0.000249492	0.000283208	0.000141319	0.000127505	0.000100913	4.82879E-06	0	0	5.38068E-09	5.38068E-09	0.005380676
578485.014141396.41	578485.01	4141396	0.000269073	0.000305424	0.000152405	0.000137507	0.000108829	5.20758E-06	0	0	5.80279E-09	5.80279E-09	0.00580279
578505.014141396.41	578505.01	4141396	0.000290713	0.000330051	0.000164694	0.000148595	0.000117604	5.62748E-06	0	0	6.27052E-09	6.27052E-09	0.006270517
578525.014141396.41	578525.01	4141396	0.000318249	0.000361388	0.000180331	0.000162703	0.00012877	6.16179E-06	0	0	6.86569E-09	6.86569E-09	0.006865694
578545.014141396.41	578545.01	4141396	0.00034673	0.000394028	0.000196618	0.000177399	0.0001404	6.71832E-06	0	0	7.48505E-09	7.48505E-09	0.007485053
578565.014141396.41	578565.01	4141396	0.000382054	0.000434422	0.000216774	0.000195584	0.000154793	7.40703E-06	0	0	8.25174E-09	8.25174E-09	0.008251744
578585.014141396.41	578585.01	4141396	0.000424665	0.000483284	0.000241156	0.000217583	0.000172204	8.24016E-06	0	0	9.17886E-09	9.17886E-09	0.009178855
578605.014141396.41	578605.01	4141396	0.000476399	0.000542636	0.000270772	0.000244304	0.000193352	9.25213E-06	0	0	1.03049E-08	1.03049E-08	0.010304917
578625.014141396.41	578625.01	4141396	0.00053976	0.000615409	0.000307085	0.000277068	0.000219283	1.04929E-05	0	0	1.16854E-08	1.16854E-08	0.011685405
578645.014141396.41	578645.01	4141396	0.000618028	0.000705446	0.000352014	0.000317605	0.000251365	1.20281E-05	0	0	1.33931E-08	1.33931E-08	0.013393053
578665.014141396.41	578665.01	4141396	0.00071599	0.000818352	0.000408353	0.000368437	0.000291595	1.39532E-05	0	0	1.55339E-08	1.55339E-08	0.015533881
579005.014141396.41	579005.01	4141396	0.086231605	0.081373266	0.040604789	0.036635699	0.028994944	0.001387441	0	0	1.58728E-06	1.58728E-06	1.587278501
579025.014141396.41	579025.01	4141396	0.098663935	0.096264715	0.048035536	0.043340096	0.034301069	0.001641345	0	0	1.86825E-06	1.86825E-06	1.868254569
579045.014141396.41	579045.01	4141396	0.101788344	0.106223967	0.053005145	0.047823929	0.037849753	0.001811154	0	0	2.04144E-06	2.04144E-06	2.041444239
579065.014141396.41	579065.01	4141396	0.094504564	0.107897546	0.053840252	0.048577404	0.038446083	0.001839689	0	0	2.04839E-06	2.04839E-06	2.048394338
579085.014141396.41	579085.01	4141396	0.079964262	0.099954106	0.049876521	0.045001126	0.035615674	0.001704251	0	0	1.87608E-06	1.87608E-06	1.876079009
579105.014141396.41	579105.01	4141396	0.063117563	0.08477958	0.04230452	0.038169282	0.030208683	0.00144552	0	0	1.57791E-06	1.57791E-06	1.577908904
579125.014141396.41	579125.01	4141396	0.047984265	0.067334503	0.033599528	0.030315197	0.023992648	0.001148076	0	0	1.24714E-06	1.24714E-06	1.247135943
579145.014141396.41	579145.01	4141396	0.035957075	0.051328985	0.025612867	0.023109227	0.018289558	0.000875176	0	0	9.48927E-07	9.48927E-07	0.948927298
579165.014141396.41	579165.01	4141396	0.027033545	0.038511789	0.01921716	0.017338696	0.013722531	0.000656639	0	0	7.1213E-07	7.1213E-07	0.712130287
579185.014141396.41	579185.01	4141396	0.020661788	0.029055235	0.014498394	0.013081186	0.010352969	0.000495401	0	0	5.38023E-07	5.38023E-07	0.538022529
579205.014141396.41	579205.01	4141396	0.016145118	0.022314664	0.011134888	0.010046461	0.007951167	0.000380472	0	0	4.13991E-07	4.13991E-07	0.413990767
579225.014141396.41	579225.01	4141396	0.012872293	0.017476414	0.00872063	0.007868194	0.006227201	0.000297979	0	0	3.24876E-07	3.24876E-07	0.324875682
579245.014141396.41	579245.01	4141396	0.010473218	0.013983646	0.006977758	0.006295687	0.004982657	0.000238426	0	0	2.6044E-07	2.6044E-07	0.260439594
579265.014141396.41	579265.01	4141396	0.00868127	0.011419594	0.005698312	0.005141305	0.004069033	0.000194708	0	0	2.1305E-07	2.1305E-07	0.21304954
579285.014141396.41	579285.01	4141396	0.007328394	0.00951597	0.004748414	0.00428426	0.003390733	0.00016225	0	0	1.77802E-07	1.77802E-07	0.17780205
579305.014141396.41	579305.01	4141396	0.006276466	0.008059928	0.004021858	0.003628724	0.002871916	0.000137424	0	0	1.50793E-07	1.50793E-07	0.150793355
578385.014141416.41	578385.01	4141416	0.000195922	0.000222423	0.000110988	0.000100139	7.92538E-05	3.79238E-06	0	0	4.22576E-09	4.22576E-09	0.004225757
578405.014141416.41	578405.01	4141416	0.000208216	0.00023617	0.000117847	0.000106328	8.4152E-05	4.02677E-06	0	0	4.48745E-09	4.48745E-09	0.004487452
578425.014141416.41	578425.01	4141416	0.000222067	0.00025174	0.000125617	0.000113338	8.97002E-05	4.29226E-06	0	0	4.78366E-09	4.78366E-09	0.004783665

578445.014141416.41	578445.01	4141416	0.000237755	0.000269396	0.000134427	0.000121287	9.59913E-05	4.59329E-06	0	0	5.11948E-09	5.11948E-09	0.005119484
578465.014141416.41	578465.01	4141416	0.000255389	0.000289267	0.000144343	0.000130233	0.000103072	4.9321E-06	0	0	5.49738E-09	5.49738E-09	0.005497376
578485.014141416.41	578485.01	4141416	0.000275637	0.00031207	0.000155721	0.000140499	0.000111197	5.32089E-06	0	0	5.93106E-09	5.93106E-09	0.005931059
578505.014141416.41	578505.01	4141416	0.000297722	0.000337152	0.000168237	0.000151792	0.000120134	5.74856E-06	0	0	6.40757E-09	6.40757E-09	0.006407573
578525.014141416.41	578525.01	4141416	0.0003237	0.000366535	0.000182899	0.000165021	0.000130604	6.24955E-06	0	0	6.96608E-09	6.96608E-09	0.006966082
578545.014141416.41	578545.01	4141416	0.000353795	0.000400804	0.000199999	0.000180449	0.000142815	6.83384E-06	0	0	7.61689E-09	7.61689E-09	0.007616892
578565.014141416.41	578565.01	4141416	0.000387839	0.000439634	0.000219375	0.000197931	0.00015665	7.4959E-06	0	0	8.35415E-09	8.35415E-09	0.008354154
578585.014141416.41	578585.01	4141416	0.000429449	0.000487193	0.000243107	0.000219343	0.000173597	8.30681E-06	0	0	9.25693E-09	9.25693E-09	0.009256925
578605.014141416.41	578605.01	4141416	0.00047957	0.000544525	0.000271715	0.000245155	0.000194025	9.28434E-06	0	0	1.03451E-08	1.03451E-08	0.010345086
578625.014141416.41	578625.01	4141416	0.000540872	0.000614888	0.000306825	0.000276833	0.000219097	1.0484E-05	0	0	1.168E-08	1.168E-08	0.011679961
578645.014141416.41	578645.01	4141416	0.000616193	0.000701603	0.000350096	0.000315874	0.000249995	1.19626E-05	0	0	1.33244E-08	1.33244E-08	0.013324422
578665.014141416.41	578665.01	4141416	0.000711261	0.000811316	0.000404842	0.000365269	0.000289088	1.38332E-05	0	0	1.54044E-08	1.54044E-08	0.01540437
579025.014141416.41	579025.01	4141416	0.124785456	0.12005881	0.059908652	0.054052623	0.042779388	0.002047043	0	0	2.33496E-06	2.33496E-06	2.334958154
579045.014141416.41	579045.01	4141416	0.125460337	0.132005665	0.065870064	0.05943131	0.047036294	0.002250741	0	0	2.53399E-06	2.53399E-06	2.533993749
579065.014141416.41	579065.01	4141416	0.11126454	0.131440487	0.065588043	0.059176857	0.04683491	0.002241104	0	0	2.4844E-06	2.4844E-06	2.484395773
579085.014141416.41	579085.01	4141416	0.089172942	0.117387586	0.058575727	0.05284999	0.041827577	0.002001497	0	0	2.18985E-06	2.18985E-06	2.189852835
579105.014141416.41	579105.01	4141416	0.066688554	0.094626578	0.047218115	0.042602577	0.033717368	0.001613415	0	0	1.75051E-06	1.75051E-06	1.750513334
579125.014141416.41	579125.01	4141416	0.048484584	0.071265992	0.035561318	0.032085224	0.025393518	0.001215109	0	0	1.31342E-06	1.31342E-06	1.313424203
579145.014141416.41	579145.01	4141416	0.035139007	0.051847125	0.025871416	0.023342503	0.018474182	0.000884011	0	0	9.55156E-07	9.55156E-07	0.955155702
579165.014141416.41	579165.01	4141416	0.025903626	0.037645226	0.01878475	0.016948554	0.013413757	0.000641864	0	0	6.94627E-07	6.94627E-07	0.694626639
579185.014141416.41	579185.01	4141416	0.019593616	0.027829239	0.013886629	0.012529221	0.009916122	0.000474498	0	0	5.14763E-07	5.14763E-07	0.514763461
579205.014141416.41	579205.01	4141416	0.015233206	0.021124956	0.010541231	0.009510833	0.00752725	0.000360188	0	0	3.91774E-07	3.91774E-07	0.391773755
579225.014141416.41	579225.01	4141416	0.01217327	0.016518315	0.008242544	0.007436841	0.00588581	0.000281643	0	0	3.07084E-07	3.07084E-07	0.30708413
579245.014141416.41	579245.01	4141416	0.009943082	0.013240608	0.006606987	0.005961158	0.004717897	0.000225757	0	0	2.46676E-07	2.46676E-07	0.246675631
579265.014141416.41	579265.01	4141416	0.008298381	0.010877545	0.005427832	0.004897265	0.00387589	0.000185466	0	0	2.0302E-07	2.0302E-07	0.203019583
579285.014141416.41	579285.01	4141416	0.007031061	0.00909523	0.004538467	0.004094835	0.003240815	0.000155077	0	0	1.70016E-07	1.70016E-07	0.170016399
579305.014141416.41	579305.01	4141416	0.006065301	0.00776167	0.003873029	0.003494443	0.002765641	0.000132339	0	0	1.45273E-07	1.45273E-07	0.145273095
578385.014141436.41	578385.01	4141436	0.000200762	0.000227765	0.000113653	0.000102544	8.11573E-05	3.88347E-06	0	0	4.32763E-09	4.32763E-09	0.004327634
578405.014141436.41	578405.01	4141436	0.000213612	0.000242033	0.000120773	0.000108968	8.62413E-05	4.12674E-06	0	0	4.59951E-09	4.59951E-09	0.004599507
578425.014141436.41	578425.01	4141436	0.000227964	0.000258125	0.000128803	0.000116213	9.19752E-05	4.40112E-06	0	0	4.90574E-09	4.90574E-09	0.00490574
578445.014141436.41	578445.01	4141436	0.00024443	0.000276563	0.000138003	0.000124513	9.85449E-05	4.71549E-06	0	0	5.25667E-09	5.25667E-09	0.005256668
578465.014141436.41	578465.01	4141436	0.000262676	0.000296955	0.000148179	0.000133694	0.000105811	5.06318E-06	0	0	5.6449E-09	5.6449E-09	0.005644896
578485.014141436.41	578485.01	4141436	0.000283258	0.000320018	0.000159687	0.000144078	0.000114029	5.45641E-06	0	0	6.08383E-09	6.08383E-09	0.006083825
578505.014141436.41	578505.01	4141436	0.000305565	0.000345101	0.000172203	0.00015537	0.000122966	5.88408E-06	0	0	6.56097E-09	6.56097E-09	0.006560971
578525.014141436.41	578525.01	4141436	0.000332434	0.00037533	0.000187288	0.00016898	0.000133738	6.39951E-06	0	0	7.13598E-09	7.13598E-09	0.00713598
578545.014141436.41	578545.01	4141436	0.000362306	0.000409078	0.000204128	0.000184174	0.000145763	6.97492E-06	0	0	7.77756E-09	7.77756E-09	0.007777558
578565.014141436.41	578565.01	4141436	0.000396629	0.000448038	0.000223568	0.000201715	0.000159645	7.6392E-06	0	0	8.51776E-09	8.51776E-09	0.00851776
578585.014141436.41	578585.01	4141436	0.000438461	0.000495467	0.000247235	0.000223068	0.000176545	8.44788E-06	0	0	9.41901E-09	9.41901E-09	0.009419012
578605.014141436.41	578605.01	4141436	0.000487692	0.000551562	0.000275226	0.000248323	0.000196533	9.40431E-06	0	0	1.04842E-08	1.04842E-08	0.010484223
578625.014141436.41	578625.01	4141436	0.000547381	0.000619774	0.000309264	0.000279033	0.000220838	1.05674E-05	0	0	1.1779E-08	1.1779E-08	0.011779048
578645.014141436.41	578645.01	4141436	0.000620643	0.000703818	0.000351201	0.000316871	0.000250785	1.20003E-05	0	0	1.33736E-08	1.33736E-08	0.013373596
579025.014141436.41	579025.01	4141436	0.161480827	0.152970222	0.076331256	0.068869928	0.054506391	0.002608193	0	0	2.98209E-06	2.98209E-06	2.982093234
579045.014141436.41	579045.01	4141436	0.156753382	0.168012363	0.083837198	0.075642169	0.059866211	0.002864667	0	0	3.21687E-06	3.21687E-06	3.216874433
579065.014141436.41	579065.01	4141436	0.130892645	0.163206688	0.081439194	0.073478569	0.058153851	0.002782728	0	0	3.06422E-06	3.06422E-06	3.06421626
579085.014141436.41	579085.01	4141436	0.097841362	0.138277611	0.068999728	0.062255053	0.049271116	0.002357679	0	0	2.55913E-06	2.55913E-06	2.559126348
579105.014141436.41	579105.01	4141436	0.068640768	0.10412157	0.051956061	0.046877392	0.037100626	0.001775307	0	0	1.91272E-06	1.91272E-06	1.912717339
579125.014141436.41	579125.01	4141436	0.047571115	0.07347706	0.036664628	0.033080686	0.026181366	0.001252808	0	0	1.34731E-06	1.34731E-06	1.347314975
579145.014141436.41	579145.01	4141436	0.033544372	0.050980041	0.025438746	0.022952126	0.018165222	0.000869227	0	0	9.36325E-07	9.36325E-07	0.936325078
579165.014141436.41	579165.01	4141436	0.024383587	0.035926954	0.017927342	0.016174957	0.012801502	0.000612567	0	0	6.61963E-07	6.61963E-07	0.6619632
579185.014141436.41	579185.01	4141436	0.018375138	0.026195597	0.013071451	0.011793726	0.009334022	0.000446644	0	0	4.84352E-07	4.84352E-07	0.484351913
579205.014141436.41	579205.01	4141436	0.01433064	0.019841432	0.00990076	0.008932967	0.007069904	0.000338303	0	0	3.68035E-07	3.68035E-07	0.368035303

579225.014141436.41	579225.01	4141436	0.011513687	0.015561128	0.007764913	0.007005898	0.005544745	0.000265322	0	0	2.8942E-07	2.8942E-07	0.289419518
579245.014141436.41	579245.01	4141436	0.009475751	0.012559788	0.006267262	0.005654641	0.004475307	0.000214149	0	0	2.34116E-07	2.34116E-07	0.234116433
579265.014141436.41	579265.01	4141436	0.007948814	0.010371523	0.00517533	0.004669445	0.003695584	0.000176838	0	0	1.93679E-07	1.93679E-07	0.193678613
579285.014141436.41	579285.01	4141436	0.006786131	0.008744201	0.004363306	0.003936796	0.003115736	0.000149092	0	0	1.6353E-07	1.6353E-07	0.163529623
579305.014141436.41	579305.01	4141436	0.005875053	0.00749462	0.003739772	0.003374212	0.002670485	0.000127786	0	0	1.40327E-07	1.40327E-07	0.140327083
579325.014141436.41	579325.01	4141436	0.005136812	0.006499581	0.003243253	0.002926227	0.002315932	0.00011082	0	0	1.21815E-07	1.21815E-07	0.121814766
578385.014141456.41	578385.01	4141456	0.000205824	0.000233433	0.000116482	0.000105096	8.3177E-05	3.98011E-06	0	0	4.43552E-09	4.43552E-09	0.004435517
578405.014141456.41	578405.01	4141456	0.000219064	0.000248157	0.000123829	0.000111725	8.84234E-05	4.23116E-06	0	0	4.71602E-09	4.71602E-09	0.00471602
578425.014141456.41	578425.01	4141456	0.000233805	0.00026464	0.000132054	0.000119146	9.42967E-05	4.5122E-06	0	0	5.02981E-09	5.02981E-09	0.005029807
578445.014141456.41	578445.01	4141456	0.00025066	0.000283403	0.000141417	0.000127593	0.000100982	4.83212E-06	0	0	5.38722E-09	5.38722E-09	0.005387215
578465.014141456.41	578465.01	4141456	0.000269463	0.000304382	0.000151885	0.000137038	0.000108457	5.18981E-06	0	0	5.7867E-09	5.7867E-09	0.005786695
578485.014141456.41	578485.01	4141456	0.000290991	0.000328292	0.000163816	0.000147803	0.000116977	5.59749E-06	0	0	6.24228E-09	6.24228E-09	0.006242282
578505.014141456.41	578505.01	4141456	0.000313798	0.000353831	0.00017656	0.000159301	0.000126077	6.03293E-06	0	0	6.72837E-09	6.72837E-09	0.006728373
578525.014141456.41	578525.01	4141456	0.000342447	0.000385754	0.000192489	0.000173674	0.000137452	6.57724E-06	0	0	7.33638E-09	7.33638E-09	0.007336381
578545.014141456.41	578545.01	4141456	0.00037193	0.000418851	0.000209004	0.000188574	0.000149245	7.14154E-06	0	0	7.96611E-09	7.96611E-09	0.007966105
578565.014141456.41	578565.01	4141456	0.000408255	0.00045957	0.000229323	0.000206906	0.000163754	7.83581E-06	0	0	8.74101E-09	8.74101E-09	0.008741012
578585.014141456.41	578585.01	4141456	0.000451033	0.00050765	0.000253315	0.000228553	0.000180886	8.65561E-06	0	0	9.6557E-09	9.6557E-09	0.009655696
578605.014141456.41	578605.01	4141456	0.000500208	0.000563224	0.000281045	0.000253573	0.000200688	9.60315E-06	0	0	1.07122E-08	1.07122E-08	0.010712151
578625.014141456.41	578625.01	4141456	0.000559285	0.000630328	0.00031453	0.000283785	0.000224599	1.07473E-05	0	0	1.1987E-08	1.1987E-08	0.011986965
578645.014141456.41	578645.01	4141456	0.000631657	0.000712743	0.000355655	0.00032089	0.000253965	1.21525E-05	0	0	1.35521E-08	1.35521E-08	0.013552114
579045.014141456.41	579045.01	4141456	0.197843598	0.219835448	0.109696617	0.098973849	0.078331826	0.003748268	0	0	4.18852E-06	4.18852E-06	4.188516698
579065.014141456.41	579065.01	4141456	0.152218744	0.20633261	0.102958779	0.09289463	0.073520491	0.00351804	0	0	3.83629E-06	3.83629E-06	3.836287249
579085.014141456.41	579085.01	4141456	0.103778718	0.161360722	0.080518067	0.072647482	0.057496096	0.002751254	0	0	2.95684E-06	2.95684E-06	2.956837536
579105.014141456.41	579105.01	4141456	0.06779611	0.111095509	0.055436017	0.050017184	0.039585582	0.001894215	0	0	2.02539E-06	2.02539E-06	2.025389864
579125.014141456.41	579125.01	4141456	0.045046877	0.072908885	0.036381112	0.032824884	0.025978914	0.001243121	0	0	1.33078E-06	1.33078E-06	1.330779075
579145.014141456.41	579145.01	4141456	0.03123319	0.048447847	0.024175196	0.021812087	0.01726295	0.000826052	0	0	8.87988E-07	8.87988E-07	0.88798765
579165.014141456.41	579165.01	4141456	0.022634194	0.033490271	0.016711452	0.015077919	0.011933262	0.00057102	0	0	6.16795E-07	6.16795E-07	0.616795433
579185.014141456.41	579185.01	4141456	0.017152932	0.024371717	0.012161346	0.010972583	0.008684137	0.000415546	0	0	4.50791E-07	4.50791E-07	0.450790886
579205.014141456.41	579205.01	4141456	0.013488318	0.018564553	0.009263605	0.008358094	0.006614926	0.000316532	0	0	3.44577E-07	3.44577E-07	0.344577409
579225.014141456.41	579225.01	4141456	0.010936211	0.014690396	0.007330422	0.006613879	0.005234486	0.000250476	0	0	2.73414E-07	2.73414E-07	0.27341432
579245.014141456.41	579245.01	4141456	0.009053978	0.01193402	0.005955007	0.005372909	0.004252333	0.000203479	0	0	2.22595E-07	2.22595E-07	0.222594831
579265.014141456.41	579265.01	4141456	0.007646308	0.009932801	0.00495641	0.004471925	0.003539258	0.000169358	0	0	1.85582E-07	1.85582E-07	0.185581594
578385.014141476.41	578385.01	4141476	0.000210608	0.000238841	0.00011918	0.00010753	8.51038E-05	4.07231E-06	0	0	4.53831E-09	4.53831E-09	0.004538312
578405.014141476.41	578405.01	4141476	0.000224459	0.000254281	0.000126885	0.000114482	9.06056E-05	4.33558E-06	0	0	4.83237E-09	4.83237E-09	0.004832375
578425.014141476.41	578425.01	4141476	0.000239813	0.000271351	0.000135402	0.000122167	9.66877E-05	4.62662E-06	0	0	5.15757E-09	5.15757E-09	0.005157572
578445.014141476.41	578445.01	4141476	0.000256779	0.000290244	0.00014483	0.000130673	0.00010342	4.94876E-06	0	0	5.51745E-09	5.51745E-09	0.005517446
578465.014141476.41	578465.01	4141476	0.000276249	0.000311874	0.000155623	0.000140411	0.000111127	5.31756E-06	0	0	5.92957E-09	5.92957E-09	0.00592957
578485.014141476.41	578485.01	4141476	0.000298834	0.000336892	0.000168107	0.000151675	0.000120041	5.74412E-06	0	0	6.40643E-09	6.40643E-09	0.00640643
578505.014141476.41	578505.01	4141476	0.000323033	0.000363799	0.000181533	0.000163789	0.000129629	6.20289E-06	0	0	6.91904E-09	6.91904E-09	0.00691904
578525.014141476.41	578525.01	4141476	0.000353294	0.000397351	0.000198276	0.000178895	0.000141584	6.77497E-06	0	0	7.5585E-09	7.5585E-09	0.007558499
578545.014141476.41	578545.01	4141476	0.00038261	0.000430057	0.000214596	0.000193619	0.000153238	7.33261E-06	0	0	8.1813E-09	8.1813E-09	0.0081813
578565.014141476.41	578565.01	4141476	0.000419881	0.000471492	0.000235272	0.000212274	0.000168002	8.0391E-06	0	0	8.97071E-09	8.97071E-09	0.008970714
578585.014141476.41	578585.01	4141476	0.000463382	0.000520029	0.000259491	0.000234126	0.000185297	8.86667E-06	0	0	9.89497E-09	9.89497E-09	0.009894975
578605.014141476.41	578605.01	4141476	0.000514449	0.000577166	0.000288002	0.00025985	0.000205656	9.84087E-06	0	0	1.09826E-08	1.09826E-08	0.010982594
578625.014141476.41	578625.01	4141476	0.000574861	0.000644987	0.000321845	0.000290385	0.000229822	1.09972E-05	0	0	1.2273E-08	1.2273E-08	0.01227302
578645.014141476.41	578645.01	4141476	0.000648457	0.000727858	0.000363197	0.000327695	0.000259351	1.24102E-05	0	0	1.38492E-08	1.38492E-08	0.013849166
579065.014141476.41	579065.01	4141476	0.170675878	0.262466098	0.130969065	0.118166929	0.093521991	0.004475134	0	0	4.81484E-06	4.81484E-06	4.81484169
579085.014141476.41	579085.01	4141476	0.104839825	0.183866407	0.091748274	0.082779943	0.065515328	0.003134983	0	0	3.33119E-06	3.33119E-06	3.331187659
579105.014141476.41	579105.01	4141476	0.063798562	0.113037181	0.0564049	0.05089136	0.040277439	0.001927322	0	0	2.04609E-06	2.04609E-06	2.046086297
579125.014141476.41	579125.01	4141476	0.041099005	0.068694644	0.03427823	0.030927557	0.024477294	0.001171267	0	0	1.25004E-06	1.25004E-06	1.250044954
579145.014141476.41	579145.01	4141476	0.028463577	0.044336999	0.022123906	0.01996131	0.015798172	0.000755961	0	0	8.12302E-07	8.12302E-07	0.812302153

579165.014141476.41	579165.01	4141476	0.020905439	0.030730834	0.015334508	0.013835571	0.010950019	0.000523971	0	0	5.66361E-07	5.66361E-07	0.56636083
579185.014141476.41	579185.01	4141476	0.015984686	0.022497215	0.01122598	0.010128648	0.008016214	0.000383585	0	0	4.16548E-07	4.16548E-07	0.41654769
579205.014141476.41	579205.01	4141476	0.012704629	0.017334973	0.008650051	0.007804515	0.006176802	0.000295567	0	0	3.22066E-07	3.22066E-07	0.322066278
579225.014141476.41	579225.01	4141476	0.010390388	0.013861359	0.006916738	0.006240632	0.004939083	0.000236341	0	0	2.58187E-07	2.58187E-07	0.258186896
578385.014141496.41	578385.01	4141496	0.00021517	0.000244118	0.000121813	0.000109906	8.69841E-05	4.16229E-06	0	0	4.63832E-09	4.63832E-09	0.004638325
578405.014141496.41	578405.01	4141496	0.000229633	0.00026021	0.000129843	0.000117151	9.27181E-05	4.43667E-06	0	0	4.94487E-09	4.94487E-09	0.004944873
578425.014141496.41	578425.01	4141496	0.000245487	0.000277801	0.000138621	0.000125071	9.8986E-05	4.73659E-06	0	0	5.28009E-09	5.28009E-09	0.005280091
578445.014141496.41	578445.01	4141496	0.000263121	0.000297476	0.000148439	0.000133929	0.000105997	5.07206E-06	0	0	5.65476E-09	5.65476E-09	0.005654758
578465.014141496.41	578465.01	4141496	0.000283258	0.000319757	0.000159557	0.00014396	0.000113936	5.45197E-06	0	0	6.07953E-09	6.07953E-09	0.006079525
578485.014141496.41	578485.01	4141496	0.000306567	0.000345557	0.000172431	0.000155576	0.000123129	5.89186E-06	0	0	6.57134E-09	6.57134E-09	0.006571336
578505.014141496.41	578505.01	4141496	0.000331711	0.000373441	0.000186345	0.00016813	0.000133065	6.36729E-06	0	0	7.10275E-09	7.10275E-09	0.007102754
578525.014141496.41	578525.01	4141496	0.000363585	0.000408687	0.000203933	0.000183998	0.000145624	6.96825E-06	0	0	7.77474E-09	7.77474E-09	0.007774738
578545.014141496.41	578545.01	4141496	0.000394125	0.000442565	0.000220838	0.000199251	0.000157695	7.54589E-06	0	0	8.42036E-09	8.42036E-09	0.008420361
578565.014141496.41	578565.01	4141496	0.000432008	0.000484457	0.000241741	0.000218111	0.000172622	8.26015E-06	0	0	9.21904E-09	9.21904E-09	0.009219036
578585.014141496.41	578585.01	4141496	0.000476677	0.000533906	0.000266416	0.000240374	0.000190242	9.10327E-06	0	0	1.01617E-08	1.01617E-08	0.01016166
578605.014141496.41	578605.01	4141496	0.000528968	0.000591955	0.000295382	0.000266509	0.000210926	1.0093E-05	0	0	1.12678E-08	1.12678E-08	0.011267801
578625.014141496.41	578625.01	4141496	0.000590826	0.000660688	0.00032968	0.000297454	0.000235417	1.1265E-05	0	0	1.25774E-08	1.25774E-08	0.01257738
578645.014141496.41	578645.01	4141496	0.000667538	0.0007461	0.0003723	0.000335908	0.000265851	1.27213E-05	0	0	1.42043E-08	1.42043E-08	0.014204287
579085.014141496.41	579085.01	4141496	0.098342015	0.197313085	0.098458088	0.088833878	0.070306652	0.003364254	0	0	3.53462E-06	3.53462E-06	3.53462157
579105.014141496.41	579105.01	4141496	0.057281672	0.107585802	0.053684693	0.048437052	0.038335002	0.001834374	0	0	1.93765E-06	1.93765E-06	1.937651474
579125.014141496.41	579125.01	4141496	0.036764183	0.061685654	0.030780785	0.027771984	0.021979849	0.001051761	0	0	1.1221E-06	1.1221E-06	1.122100221
579145.014141496.41	579145.01	4141496	0.025812396	0.039646314	0.019783282	0.01784948	0.014126785	0.000675983	0	0	7.27385E-07	7.27385E-07	0.727385436
579165.014141496.41	579165.01	4141496	0.019274589	0.027912826	0.013928339	0.012566853	0.009945906	0.000475923	0	0	5.15238E-07	5.15238E-07	0.515237583
579185.014141496.41	579185.01	4141496	0.014970919	0.020829956	0.010394028	0.009378019	0.007422136	0.000355158	0	0	3.86162E-07	3.86162E-07	0.386162213
579205.014141496.41	579205.01	4141496	0.012011781	0.016256085	0.008111693	0.00731878	0.005792373	0.000277172	0	0	3.02299E-07	3.02299E-07	0.302299254
578385.014141516.41	578385.01	4141516	0.000218841	0.000248353	0.000123927	0.000111813	8.84931E-05	4.23449E-06	0	0	4.71861E-09	4.71861E-09	0.004718613
578405.014141516.41	578405.01	4141516	0.000234139	0.000265422	0.000132444	0.000119498	9.45752E-05	4.52553E-06	0	0	5.04365E-09	5.04365E-09	0.005043653
578425.014141516.41	578425.01	4141516	0.000250994	0.00028412	0.000141774	0.000127916	0.000101238	4.84434E-06	0	0	5.39999E-09	5.39999E-09	0.005399987
578445.014141516.41	578445.01	4141516	0.00026924	0.000304447	0.000151917	0.000137067	0.000108481	5.19092E-06	0	0	5.78714E-09	5.78714E-09	0.005787139
578465.014141516.41	578465.01	4141516	0.000290101	0.000327575	0.000163458	0.00014748	0.000116722	5.58527E-06	0	0	6.22793E-09	6.22793E-09	0.006227933
578485.014141516.41	578485.01	4141516	0.000314021	0.000354026	0.000176657	0.000159389	0.000126147	6.03627E-06	0	0	6.73223E-09	6.73223E-09	0.006732229
578505.014141516.41	578505.01	4141516	0.000340277	0.000383083	0.000191156	0.000172471	0.0001365	6.5317E-06	0	0	7.28615E-09	7.28615E-09	0.007286152
578525.014141516.41	578525.01	4141516	0.000373988	0.000420284	0.000209719	0.000189219	0.000149756	7.16598E-06	0	0	7.99559E-09	7.99559E-09	0.007995594
578545.014141516.41	578545.01	4141516	0.000405307	0.000454944	0.000227014	0.000204824	0.000162106	7.75695E-06	0	0	8.65633E-09	8.65633E-09	0.008656325
578565.014141516.41	578565.01	4141516	0.00044547	0.000499246	0.000249121	0.00022477	0.000177891	8.51231E-06	0	0	9.50124E-09	9.50124E-09	0.009501244
578585.014141516.41	578585.01	4141516	0.000491419	0.000549998	0.000274446	0.000247619	0.000195975	9.37765E-06	0	0	1.0469E-08	1.0469E-08	0.010468998
578605.014141516.41	578605.01	4141516	0.000545489	0.000609545	0.00030416	0.000274428	0.000217193	1.0393E-05	0	0	1.16049E-08	1.16049E-08	0.011604912
578625.014141516.41	578625.01	4141516	0.000610074	0.000680689	0.00033966	0.000306459	0.000242543	1.1606E-05	0	0	1.2962E-08	1.2962E-08	0.012961998
578645.014141516.41	578645.01	4141516	0.000689232	0.000768056	0.000383255	0.000345792	0.000273674	1.30956E-05	0	0	1.46281E-08	1.46281E-08	0.014628098
579085.014141516.41	579085.01	4141516	0.084422022	0.189699696	0.094659051	0.085406194	0.067593847	0.003234443	0	0	3.36951E-06	3.36951E-06	3.369511804
579105.014141516.41	579105.01	4141516	0.049648547	0.093620268	0.046715972	0.042149518	0.033358799	0.001596257	0	0	1.68557E-06	1.68557E-06	1.6855679
579125.014141516.41	579125.01	4141516	0.032773533	0.053463502	0.026677978	0.024070224	0.019050129	0.000911571	0	0	9.75115E-07	9.75115E-07	0.975114921
579145.014141516.41	579145.01	4141516	0.023508557	0.03523988	0.017584496	0.015865624	0.012556684	0.000600852	0	0	6.48144E-07	6.48144E-07	0.648144188
579165.014141516.41	579165.01	4141516	0.017809456	0.025367017	0.012657995	0.011420684	0.009038782	0.000432516	0	0	4.69076E-07	4.69076E-07	0.469075675
578385.014141536.41	578385.01	4141536	0.000222791	0.000252913	0.000126202	0.000113866	9.01181E-05	4.31225E-06	0	0	4.80507E-09	4.80507E-09	0.004805066
578405.014141536.41	578405.01	4141536	0.000238144	0.000270048	0.000134752	0.00012158	9.62234E-05	4.6044E-06	0	0	5.13134E-09	5.13134E-09	0.005131339
578425.014141536.41	578425.01	4141536	0.000255611	0.000289462	0.00014444	0.000130321	0.000103141	4.93543E-06	0	0	5.50123E-09	5.50123E-09	0.005501232
578445.014141536.41	578445.01	4141536	0.000275248	0.000311288	0.000155331	0.000140147	0.000110918	5.30756E-06	0	0	5.91705E-09	5.91705E-09	0.005917055
578465.014141536.41	578465.01	4141536	0.000296832	0.000335263	0.000167294	0.000150941	0.000119461	5.71635E-06	0	0	6.37387E-09	6.37387E-09	0.006373874
578485.014141536.41	578485.01	4141536	0.000321475	0.000362561	0.000180916	0.000163231	0.000129188	6.18178E-06	0	0	6.8942E-09	6.8942E-09	0.006894197
578505.014141536.41	578505.01	4141536	0.000348677	0.000392595	0.000195903	0.000176753	0.00013989	6.69388E-06	0	0	7.46693E-09	7.46693E-09	0.007466927

578525.014141536.41	578525.01	4141536	0.000384947	0.000432467	0.000215799	0.000194704	0.000154097	7.37371E-06	0	0	8.2277E-09	8.2277E-09	0.008227702
578545.014141536.41	578545.01	4141536	0.000416265	0.000467257	0.000233159	0.000210368	0.000166493	7.96689E-06	0	0	8.89058E-09	8.89058E-09	0.008890583
578565.014141536.41	578565.01	4141536	0.000458876	0.000514165	0.000256566	0.000231486	0.000183208	8.76669E-06	0	0	9.78544E-09	9.78544E-09	0.009785445
578585.014141536.41	578585.01	4141536	0.00050744	0.000567589	0.000283223	0.000255539	0.000202243	9.67758E-06	0	0	1.08047E-08	1.08047E-08	0.010804689
578605.014141536.41	578605.01	4141536	0.000563569	0.000629286	0.00031401	0.000283316	0.000224227	1.07295E-05	0	0	1.19819E-08	1.19819E-08	0.011981917
578625.014141536.41	578625.01	4141536	0.00063149	0.000703818	0.000351201	0.000316871	0.000250785	1.20003E-05	0	0	1.34044E-08	1.34044E-08	0.01340437
578645.014141536.41	578645.01	4141536	0.000712429	0.000792552	0.000395479	0.000356821	0.000282402	1.35133E-05	0	0	1.50981E-08	1.50981E-08	0.015098094
578665.014141536.41	578665.01	4141536	0.000810669	0.000900311	0.00044925	0.000405336	0.000320799	1.53506E-05	0	0	1.71548E-08	1.71548E-08	0.017154788
579105.014141536.41	579105.01	4141536	0.042525032	0.074617189	0.037233546	0.033593992	0.026587617	0.001272248	0	0	1.35181E-06	1.35181E-06	1.351811458
579125.014141536.41	579125.01	4141536	0.029119265	0.045445921	0.022677252	0.020460566	0.016193303	0.000774868	0	0	8.32459E-07	8.32459E-07	0.832459317
579185.014141536.41	579185.01	4141536	0.012873183	0.017564302	0.008764485	0.007907763	0.006258517	0.000299477	0	0	3.26328E-07	3.26328E-07	0.326328337
578385.014141556.41	578385.01	4141556	0.000226851	0.000257539	0.00012851	0.000115949	9.17663E-05	4.39112E-06	0	0	4.89291E-09	4.89291E-09	0.004892909
578405.014141556.41	578405.01	4141556	0.00024265	0.000275129	0.000137288	0.000123868	9.80342E-05	4.69105E-06	0	0	5.22797E-09	5.22797E-09	0.005227969
578425.014141556.41	578425.01	4141556	0.00026034	0.00029487	0.000147138	0.000132756	0.000105068	5.02763E-06	0	0	5.60387E-09	5.60387E-09	0.005603869
578445.014141556.41	578445.01	4141556	0.000280477	0.000317216	0.000158289	0.000142816	0.000113031	5.40864E-06	0	0	6.02971E-09	6.02971E-09	0.006029711
578465.014141556.41	578465.01	4141556	0.00030334	0.00034256	0.000170935	0.000154227	0.000122061	5.84076E-06	0	0	6.51273E-09	6.51273E-09	0.006512735
578485.014141556.41	578485.01	4141556	0.000328707	0.00037064	0.000184947	0.000166869	0.000132066	6.31953E-06	0	0	7.04801E-09	7.04801E-09	0.007048008
578505.014141556.41	578505.01	4141556	0.000357299	0.000402237	0.000200714	0.000181094	0.000143325	6.85828E-06	0	0	7.65048E-09	7.65048E-09	0.007650484
578525.014141556.41	578525.01	4141556	0.000393513	0.000442109	0.00022061	0.000199046	0.000157533	7.53811E-06	0	0	8.4111E-09	8.4111E-09	0.0084111
578545.014141556.41	578545.01	4141556	0.000427335	0.000479571	0.000239303	0.000215911	0.000170881	8.17684E-06	0	0	9.12516E-09	9.12516E-09	0.009125157
578565.014141556.41	578565.01	4141556	0.000471504	0.000528173	0.000263555	0.000237793	0.000188199	9.00552E-06	0	0	1.00524E-08	1.00524E-08	0.010052386
578585.014141556.41	578585.01	4141556	0.000522459	0.000584072	0.000291448	0.000262959	0.000208117	9.95862E-06	0	0	1.11193E-08	1.11193E-08	0.011119265
578605.014141556.41	578605.01	4141556	0.000582927	0.000650395	0.000324543	0.000292819	0.000231749	1.10894E-05	0	0	1.23851E-08	1.23851E-08	0.012385125
578625.014141556.41	578625.01	4141556	0.000653853	0.000728054	0.000363295	0.000327783	0.00025942	1.24136E-05	0	0	1.38677E-08	1.38677E-08	0.013867699
578645.014141556.41	578645.01	4141556	0.00073863	0.000820567	0.000409458	0.000369434	0.000292385	1.39909E-05	0	0	1.56347E-08	1.56347E-08	0.01563466
578665.014141556.41	578665.01	4141556	0.000840263	0.000931518	0.000464822	0.000419386	0.000331919	1.58827E-05	0	0	1.77537E-08	1.77537E-08	0.017753654
578685.014141556.41	578685.01	4141556	0.000964925	0.001067486	0.000532669	0.000480601	0.000380367	1.8201E-05	0	0	2.03508E-08	2.03508E-08	0.020350771
579165.014141556.41	579165.01	4141556	0.014486843	0.020020139	0.009989934	0.009013424	0.007133581	0.00034135	0	0	3.71427E-07	3.71427E-07	0.371427078
579185.014141556.41	579185.01	4141556	0.01152943	0.015588231	0.007778437	0.0070181	0.005554403	0.000265785	0	0	2.89911E-07	2.89911E-07	0.289911365
579205.014141556.41	579205.01	4141556	0.009394756	0.012498351	0.006236605	0.005626981	0.004453416	0.000213101	0	0	2.32873E-07	2.32873E-07	0.232872962
578385.014141576.41	578385.01	4141576	0.000231357	0.000262555	0.000131014	0.000118207	9.35538E-05	4.47666E-06	0	0	4.98846E-09	4.98846E-09	0.004988464
578405.014141576.41	578405.01	4141576	0.000247545	0.000280602	0.000140019	0.000126332	9.99842E-05	4.78436E-06	0	0	5.33215E-09	5.33215E-09	0.005332154
578425.014141576.41	578425.01	4141576	0.000265847	0.000300929	0.000150162	0.000135484	0.000107227	5.13094E-06	0	0	5.71946E-09	5.71946E-09	0.005719464
578445.014141576.41	578445.01	4141576	0.000286596	0.000323927	0.000161638	0.000145838	0.000115422	5.52306E-06	0	0	6.15779E-09	6.15779E-09	0.006157792
578465.014141576.41	578465.01	4141576	0.000309626	0.000349466	0.000174381	0.000157336	0.000124522	5.95851E-06	0	0	6.64451E-09	6.64451E-09	0.006644514
578485.014141576.41	578485.01	4141576	0.000335994	0.000378653	0.000188946	0.000170476	0.000134922	6.45616E-06	0	0	7.2009E-09	7.2009E-09	0.007200903
578505.014141576.41	578505.01	4141576	0.000366478	0.000412271	0.000205721	0.000185612	0.0001469	7.02935E-06	0	0	7.84207E-09	7.84207E-09	0.007842068
578525.014141576.41	578525.01	4141576	0.000403805	0.00045338	0.000226234	0.00020412	0.000161549	7.73029E-06	0	0	8.62627E-09	8.62627E-09	0.008626265
578545.014141576.41	578545.01	4141576	0.000440909	0.00049423	0.000246618	0.000222511	0.000176104	8.42678E-06	0	0	9.40553E-09	9.40553E-09	0.009405531
578565.014141576.41	578565.01	4141576	0.000486579	0.00054446	0.000271683	0.000245126	0.000194002	9.28323E-06	0	0	1.03639E-08	1.03639E-08	0.010363896
578585.014141576.41	578585.01	4141576	0.000539927	0.0006029	0.000300844	0.000271436	0.000214826	1.02796E-05	0	0	1.14795E-08	1.14795E-08	0.011479484
578605.014141576.41	578605.01	4141576	0.000602953	0.000671829	0.000335239	0.000302469	0.000239386	1.14549E-05	0	0	1.27956E-08	1.27956E-08	0.012795602
578625.014141576.41	578625.01	4141576	0.000678385	0.000754049	0.000376266	0.000339486	0.000268683	1.28568E-05	0	0	1.43662E-08	1.43662E-08	0.014366206
578645.014141576.41	578645.01	4141576	0.00077045	0.000854119	0.000426201	0.00038454	0.00030434	1.4563E-05	0	0	1.62785E-08	1.62785E-08	0.016278537
578665.014141576.41	578665.01	4141576	0.000879036	0.000971911	0.000484978	0.000437572	0.000346312	1.65714E-05	0	0	1.85301E-08	1.85301E-08	0.01853013
578685.014141576.41	578685.01	4141576	0.001010707	0.001114525	0.000556141	0.000501779	0.000397128	1.9003E-05	0	0	2.12568E-08	2.12568E-08	0.021256778
578705.014141576.41	578705.01	4141576	0.001174755	0.001291798	0.0006446	0.000581591	0.000460294	2.20256E-05	0	0	2.46472E-08	2.46472E-08	0.024647156
579145.014141576.41	579145.01	4141576	0.01568969	0.021747988	0.01085212	0.009791333	0.007749249	0.00037081	0	0	4.03349E-07	4.03349E-07	0.403348684
579165.014141576.41	579165.01	4141576	0.012338318	0.016755592	0.008360944	0.007543667	0.005970357	0.000285688	0	0	3.11467E-07	3.11467E-07	0.311467393
579185.014141576.41	579185.01	4141576	0.009956767	0.013325238	0.006649217	0.00599926	0.004748052	0.0002272	0	0	2.48111E-07	2.48111E-07	0.248110835
579205.014141576.41	579205.01	4141576	0.008203591	0.010840995	0.005409594	0.00488081	0.003862866	0.000184843	0	0	2.02148E-07	2.02148E-07	0.202147612

579225.014141576.41	579225.01	4141576	0.006876081	0.008993009	0.00448746	0.004048814	0.003204392	0.000153334	0	0	1.6789E-07	1.6789E-07	0.167890106
579245.014141576.41	579245.01	4141576	0.005846516	0.007569347	0.00377706	0.003407855	0.002697112	0.00012906	0	0	1.41479E-07	1.41479E-07	0.141479111
579265.014141576.41	579265.01	4141576	0.005032621	0.006476322	0.003231647	0.002915756	0.002307645	0.000110423	0	0	1.21135E-07	1.21135E-07	0.121135418
578385.014141596.41	578385.01	4141596	0.000236308	0.000267898	0.000133679	0.000120612	9.54574E-05	4.56774E-06	0	0	5.09066E-09	5.09066E-09	0.005090657
578405.014141596.41	578405.01	4141596	0.000253497	0.000286987	0.000143205	0.000129207	0.000102259	4.89322E-06	0	0	5.45439E-09	5.45439E-09	0.005454387
578425.014141596.41	578425.01	4141596	0.000272244	0.000307835	0.000153608	0.000138593	0.000109688	5.24868E-06	0	0	5.85156E-09	5.85156E-09	0.005851559
578445.014141596.41	578445.01	4141596	0.000293772	0.00033168	0.000165506	0.000149328	0.000118184	5.65525E-06	0	0	6.30607E-09	6.30607E-09	0.006306071
578465.014141596.41	578465.01	4141596	0.000317859	0.000358326	0.000178803	0.000161325	0.000127679	6.10958E-06	0	0	6.81407E-09	6.81407E-09	0.006814066
578485.014141596.41	578485.01	4141596	0.000345339	0.000388621	0.00019392	0.000174964	0.000138474	6.62612E-06	0	0	7.39189E-09	7.39189E-09	0.007391886
578505.014141596.41	578505.01	4141596	0.000377826	0.000424454	0.0002118	0.000191097	0.000151241	7.23708E-06	0	0	8.07528E-09	8.07528E-09	0.008075281
578525.014141596.41	578525.01	4141596	0.000416154	0.000466476	0.000232769	0.000210016	0.000166215	7.95356E-06	0	0	8.87737E-09	8.87737E-09	0.008877368
578545.014141596.41	578545.01	4141596	0.000456318	0.000510582	0.000254778	0.000229873	0.000181931	8.7056E-06	0	0	9.71906E-09	9.71906E-09	0.009719062
578565.014141596.41	578565.01	4141596	0.000505771	0.000564657	0.000281761	0.000254219	0.000201199	9.62759E-06	0	0	1.07516E-08	1.07516E-08	0.010751581
578585.014141596.41	578585.01	4141596	0.000562456	0.000626484	0.000312612	0.000282054	0.000223229	1.06818E-05	0	0	1.19325E-08	1.19325E-08	0.011932537
578605.014141596.41	578605.01	4141596	0.000628987	0.000698931	0.000348763	0.000314671	0.000249043	1.1917E-05	0	0	1.33166E-08	1.33166E-08	0.013316646
578625.014141596.41	578625.01	4141596	0.00070898	0.000785646	0.000392033	0.000353712	0.000279942	1.33955E-05	0	0	1.49744E-08	1.49744E-08	0.014974363
578645.014141596.41	578645.01	4141596	0.000806218	0.000890734	0.000444471	0.000401024	0.000317386	1.51873E-05	0	0	1.69841E-08	1.69841E-08	0.016984143
578665.014141596.41	578665.01	4141596	0.000926653	0.001020317	0.000509133	0.000459365	0.00036356	1.73968E-05	0	0	1.94639E-08	1.94639E-08	0.019463919
578685.014141596.41	578685.01	4141596	0.001073456	0.001177655	0.000587643	0.000530201	0.000419622	2.00794E-05	0	0	2.24764E-08	2.24764E-08	0.022476435
578705.014141596.41	578705.01	4141596	0.001249408	0.001365874	0.000681563	0.000614941	0.000486689	2.32886E-05	0	0	2.60812E-08	2.60812E-08	0.026081179
578725.014141596.41	578725.01	4141596	0.001479319	0.001610578	0.000803669	0.000725111	0.000573882	2.74609E-05	0	0	3.0771E-08	3.0771E-08	0.030770999
578745.014141596.41	578745.01	4141596	0.00178099	0.001930336	0.000963226	0.000869072	0.000687818	3.29129E-05	0	0	3.69028E-08	3.69028E-08	0.036902761
579105.014141596.41	579105.01	4141596	0.020427037	0.028259165	0.01410116	0.012722781	0.010069313	0.000481828	0	0	5.24222E-07	5.24222E-07	0.524221534
579145.014141596.41	579145.01	4141596	0.012434165	0.016803282	0.008384741	0.007565138	0.00598735	0.000286502	0	0	3.12526E-07	3.12526E-07	0.312526182
579165.014141596.41	579165.01	4141596	0.010055117	0.013435016	0.006703995	0.006048684	0.004787169	0.000229071	0	0	2.50201E-07	2.50201E-07	0.250201169
579185.014141596.41	579185.01	4141596	0.008289592	0.010967322	0.00547263	0.004937684	0.003907879	0.000186996	0	0	2.04476E-07	2.04476E-07	0.204475953
579205.014141596.41	579205.01	4141596	0.006946729	0.009112886	0.004547277	0.004102784	0.003247106	0.000155378	0	0	1.70068E-07	1.70068E-07	0.170068469
579225.014141596.41	579225.01	4141596	0.005903257	0.007682383	0.003833465	0.003458746	0.002737389	0.000130987	0	0	1.43505E-07	1.43505E-07	0.143505149
579245.014141596.41	579245.01	4141596	0.005077235	0.006558216	0.003272512	0.002952626	0.002336825	0.00011182	0	0	1.22613E-07	1.22613E-07	0.122613218
579265.014141596.41	579265.01	4141596	0.004411199	0.005670218	0.002829406	0.002552834	0.002020414	9.66791E-05	0	0	1.06072E-07	1.06072E-07	0.106071914
579285.014141596.41	579285.01	4141596	0.003861538	0.004917017	0.002453563	0.002213729	0.001752033	8.38368E-05	0	0	9.20849E-08	9.20849E-08	0.092084863
579305.014141596.41	579305.01	4141596	0.003421074	0.004335812	0.002163545	0.00195206	0.001544938	7.3927E-05	0	0	8.12455E-08	8.12455E-08	0.081245514
579325.014141596.41	579325.01	4141596	0.003046697	0.003845817	0.00191904	0.001731456	0.001370343	6.55725E-05	0	0	7.20986E-08	7.20986E-08	0.072098601
579345.014141596.41	579345.01	4141596	0.002729227	0.003442472	0.001717774	0.001549862	0.001226623	5.86953E-05	0	0	6.45428E-08	6.45428E-08	0.064542837
578385.014141616.41	578385.01	4141616	0.000241537	0.000273501	0.000136475	0.000123135	9.74538E-05	4.66328E-06	0	0	5.19794E-09	5.19794E-09	0.005197939
578405.014141616.41	578405.01	4141616	0.000259728	0.000293632	0.000146521	0.000132198	0.000104627	5.00652E-06	0	0	5.58171E-09	5.58171E-09	0.005581708
578425.014141616.41	578425.01	4141616	0.000279976	0.000316109	0.000157736	0.000142318	0.000112636	5.38976E-06	0	0	6.01002E-09	6.01002E-09	0.006010016
578445.014141616.41	578445.01	4141616	0.000302506	0.000340931	0.000170123	0.000153493	0.000121481	5.81299E-06	0	0	6.48349E-09	6.48349E-09	0.006483493
578465.014141616.41	578465.01	4141616	0.000327928	0.000368946	0.000184102	0.000166106	0.000131463	6.29065E-06	0	0	7.01785E-09	7.01785E-09	0.00701785
578485.014141616.41	578485.01	4141616	0.000356966	0.000400869	0.000200031	0.000180479	0.000142838	6.83495E-06	0	0	7.62696E-09	7.62696E-09	0.007626963
578505.014141616.41	578505.01	4141616	0.00039101	0.0004382	0.000218659	0.000197286	0.00015614	7.47146E-06	0	0	8.3395E-09	8.3395E-09	0.008339501
578525.014141616.41	578525.01	4141616	0.000432954	0.000483936	0.000241481	0.000217877	0.000172436	8.25127E-06	0	0	9.21312E-09	9.21312E-09	0.009213119
578545.014141616.41	578545.01	4141616	0.000474564	0.000529541	0.000264238	0.000238409	0.000188686	9.02885E-06	0	0	1.00836E-08	1.00836E-08	0.01008364
578565.014141616.41	578565.01	4141616	0.000528133	0.000587785	0.000293301	0.000264631	0.00020944	1.00219E-05	0	0	1.11966E-08	1.11966E-08	0.011196636
578585.014141616.41	578585.01	4141616	0.000589436	0.000654238	0.000326461	0.00029455	0.000233118	1.1155E-05	0	0	1.2467E-08	1.2467E-08	0.012467013
578605.014141616.41	578605.01	4141616	0.000662253	0.000732875	0.0003657	0.000329953	0.000261138	1.24958E-05	0	0	1.39711E-08	1.39711E-08	0.013971076
578625.014141616.41	578625.01	4141616	0.000749867	0.000827147	0.000412742	0.000372396	0.000294729	1.41031E-05	0	0	1.57751E-08	1.57751E-08	0.01577511
578645.014141616.41	578645.01	4141616	0.00085417	0.000938945	0.000468528	0.00042273	0.000334565	1.60093E-05	0	0	1.79157E-08	1.79157E-08	0.017915654
578665.014141616.41	578665.01	4141616	0.000984896	0.001078171	0.000538001	0.000485412	0.000384174	1.83832E-05	0	0	2.05837E-08	2.05837E-08	0.020583721
578685.014141616.41	578685.01	4141616	0.001150334	0.00125336	0.000625419	0.000564285	0.000446597	2.13702E-05	0	0	2.39436E-08	2.39436E-08	0.023943645
578705.014141616.41	578705.01	4141616	0.001358161	0.001472069	0.000734554	0.000662752	0.000524528	2.50993E-05	0	0	2.81419E-08	2.81419E-08	0.028141901

578725.014141616.41	578725.01	4141616	0.001616887	0.001742964	0.000869729	0.000784713	0.000621053	2.97181E-05	0	0	3.33456E-08	3.33456E-08	0.033345605
578745.014141616.41	578745.01	4141616	0.001957387	0.00209699	0.001046386	0.000944102	0.0007472	3.57544E-05	0	0	4.0153E-08	4.0153E-08	0.040152954
579065.014141616.41	579065.01	4141616	0.022494568	0.034559777	0.017245129	0.015559429	0.012314349	0.000589256	0	0	6.34046E-07	6.34046E-07	0.634045979
579085.014141616.41	579085.01	4141616	0.01756714	0.025232677	0.01259096	0.011360202	0.008990914	0.000430226	0	0	4.66172E-07	4.66172E-07	0.466171656
579105.014141616.41	579105.01	4141616	0.01407208	0.019419975	0.009690455	0.00874322	0.006919731	0.000331117	0	0	3.60348E-07	3.60348E-07	0.360347823
579125.014141616.41	579125.01	4141616	0.011456223	0.015518129	0.007743457	0.006986539	0.005529424	0.000264589	0	0	2.88547E-07	2.88547E-07	0.288547018
579165.014141616.41	579165.01	4141616	0.007908039	0.010469509	0.005224224	0.00471356	0.003730498	0.000178509	0	0	1.9518E-07	1.9518E-07	0.195179686
579185.014141616.41	579185.01	4141616	0.006690339	0.008798276	0.004390289	0.003961141	0.003135004	0.000150014	0	0	1.6415E-07	1.6415E-07	0.16415009
579205.014141616.41	579205.01	4141616	0.005726971	0.007474619	0.003729791	0.003365207	0.002663358	0.000127445	0	0	1.39577E-07	1.39577E-07	0.139576968
579225.014141616.41	579225.01	4141616	0.004953796	0.00641912	0.003203104	0.002890003	0.002287263	0.000109448	0	0	1.19968E-07	1.19968E-07	0.119967975
579245.014141616.41	579245.01	4141616	0.004323084	0.00556461	0.002776708	0.002505287	0.001982783	9.48785E-05	0	0	1.04079E-07	1.04079E-07	0.104079416
579265.014141616.41	579265.01	4141616	0.003802794	0.004868871	0.002429538	0.002192053	0.001734877	8.30159E-05	0	0	9.11238E-08	9.11238E-08	0.091123812
579285.014141616.41	579285.01	4141616	0.003354265	0.004258413	0.002124924	0.001917214	0.001517359	7.26074E-05	0	0	7.97789E-08	7.97789E-08	0.079778919
579305.014141616.41	579305.01	4141616	0.002996854	0.003789201	0.00189079	0.001705966	0.001350169	6.46071E-05	0	0	7.10231E-08	7.10231E-08	0.071023053
579325.014141616.41	579325.01	4141616	0.002695071	0.003394912	0.001694042	0.00152845	0.001209676	5.78844E-05	0	0	6.36612E-08	6.36612E-08	0.063661214
579345.014141616.41	579345.01	4141616	0.002432729	0.003064536	0.001529186	0.001379709	0.001091956	5.22514E-05	0	0	5.74658E-08	5.74658E-08	0.057465807
578385.014141636.41	578385.01	4141636	0.000247879	0.000280211	0.000139824	0.000126156	9.98449E-05	4.77769E-06	0	0	5.32665E-09	5.32665E-09	0.005326651
578405.014141636.41	578405.01	4141636	0.000266904	0.000301255	0.000150324	0.00013563	0.000107343	5.13649E-06	0	0	5.72784E-09	5.72784E-09	0.005727838
578425.014141636.41	578425.01	4141636	0.000288265	0.000324839	0.000162093	0.000146248	0.000115747	5.53861E-06	0	0	6.17758E-09	6.17758E-09	0.006177576
578445.014141636.41	578445.01	4141636	0.000312519	0.000351485	0.000175389	0.000158245	0.000125241	5.99294E-06	0	0	6.68604E-09	6.68604E-09	0.006686044
578465.014141636.41	578465.01	4141636	0.000339999	0.000381585	0.000190409	0.000171796	0.000135966	6.50615E-06	0	0	7.26064E-09	7.26064E-09	0.007260639
578485.014141636.41	578485.01	4141636	0.000370706	0.000415202	0.000207184	0.000186931	0.000147945	7.07934E-06	0	0	7.90244E-09	7.90244E-09	0.007902435
578505.014141636.41	578505.01	4141636	0.000406753	0.000454618	0.000226852	0.000204677	0.00016199	7.75139E-06	0	0	8.65505E-09	8.65505E-09	0.008655054
578525.014141636.41	578525.01	4141636	0.000449308	0.000500875	0.000249934	0.000225503	0.000178472	8.54008E-06	0	0	9.53901E-09	9.53901E-09	0.009539008
578545.014141636.41	578545.01	4141636	0.000496704	0.000552278	0.000275584	0.000248646	0.000196788	9.41653E-06	0	0	1.05216E-08	1.05216E-08	0.010521614
578565.014141636.41	578565.01	4141636	0.000554001	0.000614171	0.000306468	0.000276511	0.000218842	1.04718E-05	0	0	1.17054E-08	1.17054E-08	0.011705381
578585.014141636.41	578585.01	4141636	0.000623146	0.000688507	0.000343561	0.000309978	0.000245329	1.17393E-05	0	0	1.31281E-08	1.31281E-08	0.01312808
578605.014141636.41	578605.01	4141636	0.000704085	0.000775157	0.000386799	0.00034899	0.000276204	1.32167E-05	0	0	1.47874E-08	1.47874E-08	0.014787405
578625.014141636.41	578625.01	4141636	0.000800211	0.000877639	0.000437937	0.000395129	0.00031272	1.4964E-05	0	0	1.6751E-08	1.6751E-08	0.016751031
578645.014141636.41	578645.01	4141636	0.000918977	0.001003509	0.000500745	0.000451798	0.00035757	1.71102E-05	0	0	1.91648E-08	1.91648E-08	0.019164799
578665.014141636.41	578665.01	4141636	0.00106539	0.001157719	0.000577695	0.000521226	0.000412519	1.97395E-05	0	0	2.21246E-08	2.21246E-08	0.022124612
578685.014141636.41	578685.01	4141636	0.001254859	0.001355711	0.000676492	0.000610365	0.000483067	2.31153E-05	0	0	2.59289E-08	2.59289E-08	0.02592895
578705.014141636.41	578705.01	4141636	0.001498344	0.001608038	0.000802401	0.000723967	0.000572976	2.74176E-05	0	0	3.0783E-08	3.0783E-08	0.030783048
578725.014141636.41	578725.01	4141636	0.001801072	0.001919912	0.000958025	0.000864379	0.000684103	3.27351E-05	0	0	3.67877E-08	3.67877E-08	0.036787737
579045.014141636.41	579045.01	4141636	0.018130597	0.030018872	0.014979244	0.013515033	0.010696333	0.000511832	0	0	5.46742E-07	5.46742E-07	0.546741527
579065.014141636.41	579065.01	4141636	0.014149292	0.021964286	0.010960052	0.009888714	0.00782632	0.000374498	0	0	4.02548E-07	4.02548E-07	0.402547555
579085.014141636.41	579085.01	4141636	0.011528929	0.016952997	0.008459448	0.007632542	0.006040697	0.000289054	0	0	3.12428E-07	3.12428E-07	0.312428354
579105.014141636.41	579105.01	4141636	0.009656598	0.013586751	0.00677971	0.006116998	0.004841235	0.000231659	0	0	2.51574E-07	2.51574E-07	0.25157419
579125.014141636.41	579125.01	4141636	0.008210099	0.011183751	0.005580627	0.005035124	0.003984997	0.000190687	0	0	2.07821E-07	2.07821E-07	0.207821477
579165.014141636.41	579165.01	4141636	0.006078597	0.008039276	0.004011552	0.003619426	0.002864557	0.000137072	0	0	1.49891E-07	1.49891E-07	0.149891247
579185.014141636.41	579185.01	4141636	0.005295074	0.006927161	0.003456613	0.003118732	0.002468288	0.00011811	0	0	1.29319E-07	1.29319E-07	0.129318754
579205.014141636.41	579205.01	4141636	0.004637995	0.006020336	0.003004113	0.002710463	0.002145168	0.000102649	0	0	1.12492E-07	1.12492E-07	0.112492193
579225.014141636.41	579225.01	4141636	0.004088445	0.005267134	0.002628269	0.002371358	0.001876787	8.98064E-05	0	0	9.85055E-08	9.85055E-08	0.098505458
579245.014141636.41	579245.01	4141636	0.003625007	0.004645601	0.002318128	0.002091533	0.001655322	7.9209E-05	0	0	8.69355E-08	8.69355E-08	0.086935527
579265.014141636.41	579265.01	4141636	0.00323255	0.004113584	0.002052655	0.001852009	0.001465753	7.0138E-05	0	0	7.7044E-08	7.7044E-08	0.077043971
579285.014141636.41	579285.01	4141636	0.002890271	0.00365851	0.001825575	0.001647127	0.001303601	6.23788E-05	0	0	6.85643E-08	6.85643E-08	0.068564299
579305.014141636.41	579305.01	4141636	0.002606011	0.003286633	0.001640011	0.001479701	0.001171094	5.60382E-05	0	0	6.1622E-08	6.1622E-08	0.061621959
579325.014141636.41	579325.01	4141636	0.00236019	0.002966615	0.001480324	0.001335623	0.001057065	5.05818E-05	0	0	5.56443E-08	5.56443E-08	0.055644342
579345.014141636.41	579345.01	4141636	0.002149081	0.002692854	0.001343718	0.001212371	0.000959518	4.59141E-05	0	0	5.05284E-08	5.05284E-08	0.050528428
578385.014141656.41	578385.01	4141656	0.000255667	0.00028842	0.00014392	0.000129852	0.00010277	4.91766E-06	0	0	5.48419E-09	5.48419E-09	0.005484191
578405.014141656.41	578405.01	4141656	0.00027586	0.000310636	0.000155006	0.000139854	0.000110686	5.29645E-06	0	0	5.90804E-09	5.90804E-09	0.005908041

578425.014141656.41	578425.01	4141656	0.000298111	0.000335068	0.000167197	0.000150853	0.000119391	5.71301E-06	0	0	6.37428E-09	6.37428E-09	0.006374279
578445.014141656.41	578445.01	4141656	0.000323811	0.000363212	0.000181241	0.000163525	0.00012942	6.19289E-06	0	0	6.91157E-09	6.91157E-09	0.006911575
578465.014141656.41	578465.01	4141656	0.000354073	0.000396244	0.000197723	0.000178396	0.00014119	6.75609E-06	0	0	7.54243E-09	7.54243E-09	0.007542434
578485.014141656.41	578485.01	4141656	0.00038745	0.000432597	0.000215864	0.000194763	0.000154143	7.37593E-06	0	0	8.23695E-09	8.23695E-09	0.008236953
578505.014141656.41	578505.01	4141656	0.000428225	0.000476769	0.000237905	0.00021465	0.000169883	8.12907E-06	0	0	9.08146E-09	9.08146E-09	0.009081458
578525.014141656.41	578525.01	4141656	0.000472116	0.000524264	0.000261605	0.000236033	0.000186806	8.93887E-06	0	0	9.98962E-09	9.98962E-09	0.009989624
578545.014141656.41	578545.01	4141656	0.000524518	0.000580684	0.000289758	0.000261434	0.000206909	9.90085E-06	0	0	1.10692E-08	1.10692E-08	0.011069206
578565.014141656.41	578565.01	4141656	0.000587377	0.000648114	0.000323405	0.000291793	0.000230936	1.10506E-05	0	0	1.23601E-08	1.23601E-08	0.012360127
578585.014141656.41	578585.01	4141656	0.000662698	0.00072851	0.000363522	0.000327988	0.000259583	1.24213E-05	0	0	1.39003E-08	1.39003E-08	0.013900316
578605.014141656.41	578605.01	4141656	0.000753761	0.000825193	0.000411766	0.000371516	0.000294033	1.40698E-05	0	0	1.57539E-08	1.57539E-08	0.015753908
578625.014141656.41	578625.01	4141656	0.000866853	0.000944417	0.000471259	0.000425194	0.000336515	1.61026E-05	0	0	1.80419E-08	1.80419E-08	0.018041933
578645.014141656.41	578645.01	4141656	0.001002363	0.001086575	0.000542195	0.000489196	0.000387169	1.85265E-05	0	0	2.07719E-08	2.07719E-08	0.020771945
578665.014141656.41	578665.01	4141656	0.001171973	0.001263263	0.000630361	0.000568743	0.000450126	2.1539E-05	0	0	2.41684E-08	2.41684E-08	0.024168429
578685.014141656.41	578685.01	4141656	0.001399771	0.001498194	0.00074759	0.000674514	0.000533837	2.55447E-05	0	0	2.8691E-08	2.8691E-08	0.028691007
578705.014141656.41	578705.01	4141656	0.001675853	0.001781663	0.000889039	0.000802136	0.000634843	3.03779E-05	0	0	3.41514E-08	3.41514E-08	0.034151418
578725.014141656.41	578725.01	4141656	0.002045391	0.002157905	0.001076782	0.000971528	0.000768905	3.6793E-05	0	0	4.14077E-08	4.14077E-08	0.041407709
579005.014141656.41	579005.01	4141656	0.021838768	0.035367705	0.01764828	0.015923173	0.01260223	0.000603031	0	0	6.45516E-07	6.45516E-07	0.645516179
579025.014141656.41	579025.01	4141656	0.015637344	0.025519338	0.012734002	0.011489262	0.009093057	0.000435113	0	0	4.65427E-07	4.65427E-07	0.465426796
579045.014141656.41	579045.01	4141656	0.011919883	0.018856556	0.009409312	0.008489559	0.006718973	0.000321511	0	0	3.44946E-07	3.44946E-07	0.344945854
579065.014141656.41	579065.01	4141656	0.009532881	0.014612867	0.007291736	0.006578974	0.005206861	0.000249154	0	0	2.68154E-07	2.68154E-07	0.268153942
579085.014141656.41	579085.01	4141656	0.007939079	0.011733227	0.005854813	0.005282509	0.004180787	0.000200055	0	0	2.16119E-07	2.16119E-07	0.216118881
579105.014141656.41	579105.01	4141656	0.006806268	0.009703082	0.004841782	0.004368501	0.003457405	0.000165441	0	0	1.79408E-07	1.79408E-07	0.179408116
579125.014141656.41	579125.01	4141656	0.005940917	0.008201239	0.004092371	0.003692344	0.002922268	0.000139834	0	0	1.52173E-07	1.52173E-07	0.152173026
579145.014141656.41	579145.01	4141656	0.00524195	0.007062478	0.003524136	0.003179654	0.002516504	0.000120418	0	0	1.31401E-07	1.31401E-07	0.131400749
579185.014141656.41	579185.01	4141656	0.004151916	0.00542786	0.002708471	0.002443719	0.001934056	9.25468E-05	0	0	1.01337E-07	1.01337E-07	0.101337467
579205.014141656.41	579205.01	4141656	0.003715291	0.004813754	0.002402035	0.002167238	0.001715238	8.20761E-05	0	0	8.99661E-08	8.99661E-08	0.089966149
579225.014141656.41	579225.01	4141656	0.003336519	0.004290988	0.002141178	0.00193188	0.001528966	7.31628E-05	0	0	8.02661E-08	8.02661E-08	0.08026606
579245.014141656.41	579245.01	4141656	0.003005977	0.003847055	0.001919658	0.001732013	0.001370784	6.55936E-05	0	0	7.20035E-08	7.20035E-08	0.072003506
579265.014141656.41	579265.01	4141656	0.002718324	0.003443905	0.001718489	0.001550508	0.001227133	5.87197E-05	0	0	6.45356E-08	6.45356E-08	0.064535555
579285.014141656.41	579285.01	4141656	0.002463325	0.003109359	0.001551552	0.001399889	0.001107928	5.30156E-05	0	0	5.82922E-08	5.82922E-08	0.058292182
579305.014141656.41	579305.01	4141656	0.002248378	0.002828366	0.001411338	0.001273381	0.001007804	4.82246E-05	0	0	5.30461E-08	5.30461E-08	0.053046057
579325.014141656.41	579325.01	4141656	0.002049563	0.002570371	0.0012826	0.001157227	0.000915875	4.38257E-05	0	0	4.82252E-08	4.82252E-08	0.048225161
579345.014141656.41	579345.01	4141656	0.001878228	0.00234873	0.001172003	0.00105744	0.0008369	4.00466E-05	0	0	4.40821E-08	4.40821E-08	0.044082057
578385.014141676.41	578385.01	4141676	0.000265012	0.000298258	0.000148829	0.000134281	0.000106275	5.08539E-06	0	0	5.67302E-09	5.67302E-09	0.005673023
578405.014141676.41	578405.01	4141676	0.000286095	0.000321386	0.00016037	0.000144694	0.000114516	5.47974E-06	0	0	6.11445E-09	6.11445E-09	0.006114448
578425.014141676.41	578425.01	4141676	0.00030996	0.000347446	0.000173374	0.000156426	0.000123802	5.92407E-06	0	0	6.61214E-09	6.61214E-09	0.006612137
578445.014141676.41	578445.01	4141676	0.000337718	0.000377676	0.000188458	0.000170036	0.000134574	6.4395E-06	0	0	7.18967E-09	7.18967E-09	0.007189671
578465.014141676.41	578465.01	4141676	0.00037065	0.000413443	0.000206306	0.00018614	0.000147318	7.04934E-06	0	0	7.87325E-09	7.87325E-09	0.007873253
578485.014141676.41	578485.01	4141676	0.000407254	0.00045312	0.000226104	0.000204003	0.000161456	7.72584E-06	0	0	8.63175E-09	8.63175E-09	0.00863175
578505.014141676.41	578505.01	4141676	0.000452312	0.000501591	0.000250291	0.000225825	0.000178727	8.5523E-06	0	0	9.55935E-09	9.55935E-09	0.009559354
578525.014141676.41	578525.01	4141676	0.000501376	0.000554298	0.000276591	0.000249555	0.000197508	9.45097E-06	0	0	1.05682E-08	1.05682E-08	0.010568194
578545.014141676.41	578545.01	4141676	0.000559953	0.000616973	0.000307866	0.000277772	0.00021984	1.05196E-05	0	0	1.17685E-08	1.17685E-08	0.01176849
578565.014141676.41	578565.01	4141676	0.0006301	0.000691635	0.000345122	0.000311386	0.000246443	1.17926E-05	0	0	1.31994E-08	1.31994E-08	0.013199406
578585.014141676.41	578585.01	4141676	0.000714933	0.000781412	0.00038992	0.000351805	0.000278433	1.33233E-05	0	0	1.49214E-08	1.49214E-08	0.014921376
578605.014141676.41	578605.01	4141676	0.000817288	0.000889235	0.000443723	0.00040035	0.000316853	1.51618E-05	0	0	1.69908E-08	1.69908E-08	0.016990824
578625.014141676.41	578625.01	4141676	0.000945456	0.001023445	0.000510693	0.000460773	0.000364674	1.74501E-05	0	0	1.95689E-08	1.95689E-08	0.019568858
578645.014141676.41	578645.01	4141676	0.001108224	0.001192575	0.000595088	0.000536918	0.000424939	2.03338E-05	0	0	2.28212E-08	2.28212E-08	0.022821236
578665.014141676.41	578665.01	4141676	0.001313603	0.001404508	0.000700842	0.000632335	0.000500455	2.39473E-05	0	0	2.69008E-08	2.69008E-08	0.026900751
578685.014141676.41	578685.01	4141676	0.001567322	0.00166537	0.00083101	0.000749779	0.000593405	2.83951E-05	0	0	3.19247E-08	3.19247E-08	0.031924708
578705.014141676.41	578705.01	4141676	0.001901481	0.002006692	0.001001328	0.000903448	0.000715025	3.42148E-05	0	0	3.85044E-08	3.85044E-08	0.038504447
578985.014141676.41	578985.01	4141676	0.020256426	0.02989209	0.01491598	0.013457953	0.010651158	0.00050967	0	0	5.5068E-07	5.5068E-07	0.550680492

579005.014141676.41	579005.01	4141676	0.014622242	0.022198892	0.011077119	0.009994338	0.007909915	0.000378499	0	0	4.0776E-07	4.0776E-07	0.407760243
579025.014141676.41	579025.01	4141676	0.010897494	0.016579621	0.008273135	0.007464442	0.005907655	0.000282688	0	0	3.04476E-07	3.04476E-07	0.304476374
579045.014141676.41	579045.01	4141676	0.008497641	0.012800583	0.006387417	0.005763051	0.004561107	0.000218254	0	0	2.35315E-07	2.35315E-07	0.235314672
579065.014141676.41	579065.01	4141676	0.00688882	0.010223241	0.005101338	0.004602686	0.003642748	0.00017431	0	0	1.88225E-07	1.88225E-07	0.188224848
579085.014141676.41	579085.01	4141676	0.005785103	0.008444445	0.004213729	0.00380184	0.003008927	0.000143981	0	0	1.55744E-07	1.55744E-07	0.155743842
579105.014141676.41	579105.01	4141676	0.00501087	0.00711968	0.003552679	0.003205407	0.002536886	0.000121393	0	0	1.31689E-07	1.31689E-07	0.131689012
579125.014141676.41	579125.01	4141676	0.004435175	0.006131286	0.003059476	0.002760415	0.002184702	0.00010454	0	0	1.13747E-07	1.13747E-07	0.113747473
579145.014141676.41	579145.01	4141676	0.003976743	0.005374567	0.002681878	0.002419726	0.001915067	9.16382E-05	0	0	9.99612E-08	9.99612E-08	0.099961189
579165.014141676.41	579165.01	4141676	0.003590907	0.00477108	0.002380741	0.002148026	0.001700033	8.13485E-05	0	0	8.89092E-08	8.89092E-08	0.088909174
579185.014141676.41	579185.01	4141676	0.00326042	0.004273072	0.002132238	0.001923813	0.001522582	7.28573E-05	0	0	7.97546E-08	7.97546E-08	0.079754555
579205.014141676.41	579205.01	4141676	0.002970987	0.003851355	0.001921804	0.001733949	0.001372316	6.56669E-05	0	0	7.19752E-08	7.19752E-08	0.071975189
579225.014141676.41	579225.01	4141676	0.002712427	0.003487751	0.001740368	0.001570248	0.001242757	5.94673E-05	0	0	6.52423E-08	6.52423E-08	0.06524228
579245.014141676.41	579245.01	4141676	0.002480291	0.0031706	0.001582111	0.001427461	0.001129749	5.40598E-05	0	0	5.93508E-08	5.93508E-08	0.059350784
579265.014141676.41	579265.01	4141676	0.0022738	0.002891432	0.001442808	0.001301774	0.001030276	4.92999E-05	0	0	5.41587E-08	5.41587E-08	0.054158746
579285.014141676.41	579285.01	4141676	0.002089837	0.002638193	0.001316443	0.001187762	0.000940042	4.49821E-05	0	0	4.94585E-08	4.94585E-08	0.049458459
579305.014141676.41	579305.01	4141676	0.001918169	0.002407756	0.001201457	0.001084015	0.000857932	4.1053E-05	0	0	4.51693E-08	4.51693E-08	0.045169288
579325.014141676.41	579325.01	4141676	0.001774203	0.002220124	0.001107829	0.000999539	0.000791075	3.78538E-05	0	0	4.1665E-08	4.1665E-08	0.041664961
579345.014141676.41	579345.01	4141676	0.001641864	0.002055489	0.001025677	0.000925418	0.000732412	3.50468E-05	0	0	3.85731E-08	3.85731E-08	0.03857308
578385.014141696.41	578385.01	4141696	0.000275637	0.000309398	0.000154388	0.000139297	0.000110245	5.27534E-06	0	0	5.88699E-09	5.88699E-09	0.005886985
578405.014141696.41	578405.01	4141696	0.000298334	0.000334155	0.000166742	0.000150443	0.000119066	5.69746E-06	0	0	6.35986E-09	6.35986E-09	0.006359861
578425.014141696.41	578425.01	4141696	0.000324924	0.000363082	0.000181176	0.000163466	0.000129374	6.19067E-06	0	0	6.91258E-09	6.91258E-09	0.006912581
578445.014141696.41	578445.01	4141696	0.000356298	0.000397025	0.000198113	0.000178748	0.000141468	6.76942E-06	0	0	7.56165E-09	7.56165E-09	0.007561646
578465.014141696.41	578465.01	4141696	0.000391288	0.000434878	0.000217001	0.00019579	0.000154956	7.41481E-06	0	0	8.28547E-09	8.28547E-09	0.008285466
578485.014141696.41	578485.01	4141696	0.000431229	0.000477877	0.000238458	0.000215149	0.000170277	8.14796E-06	0	0	9.10825E-09	9.10825E-09	0.009108255
578505.014141696.41	578505.01	4141696	0.000480738	0.000530909	0.000264921	0.000239025	0.000189174	9.05218E-06	0	0	1.01237E-08	1.01237E-08	0.010123732
578525.014141696.41	578525.01	4141696	0.000537813	0.000591694	0.000295252	0.000266391	0.000210833	1.00886E-05	0	0	1.12886E-08	1.12886E-08	0.011288593
578565.014141696.41	578565.01	4141696	0.000683225	0.000745905	0.000372202	0.00033582	0.000265781	1.27179E-05	0	0	1.42456E-08	1.42456E-08	0.014245565
578585.014141696.41	578585.01	4141696	0.000779962	0.000847735	0.000423015	0.000381665	0.000302065	1.44542E-05	0	0	1.62002E-08	1.62002E-08	0.016200177
578605.014141696.41	578605.01	4141696	0.000898394	0.000971715	0.00048488	0.000437484	0.000346242	1.65681E-05	0	0	1.85818E-08	1.85818E-08	0.018581824
578625.014141696.41	578625.01	4141696	0.001044474	0.001123971	0.000560855	0.000506032	0.000400494	1.91641E-05	0	0	2.15084E-08	2.15084E-08	0.021508441
578645.014141696.41	578645.01	4141696	0.001235167	0.001321311	0.000659327	0.000594878	0.00047081	2.25288E-05	0	0	2.53055E-08	2.53055E-08	0.025305501
578665.014141696.41	578665.01	4141696	0.001473367	0.001566928	0.000781888	0.000705459	0.000558328	2.67166E-05	0	0	3.00339E-08	3.00339E-08	0.030033885
578685.014141696.41	578685.01	4141696	0.00177298	0.001875284	0.000935756	0.000844286	0.000668202	3.19742E-05	0	0	3.59717E-08	3.59717E-08	0.035971689
578945.014141696.41	578945.01	4141696	0.02318024	0.031825162	0.015880572	0.014328257	0.01133995	0.00054263	0	0	5.90871E-07	5.90871E-07	0.590870526
578965.014141696.41	578965.01	4141696	0.018277177	0.02581082	0.01287945	0.011620493	0.009196918	0.000440083	0	0	4.77725E-07	4.77725E-07	0.477725248
578985.014141696.41	578985.01	4141696	0.013826092	0.02002698	0.009993347	0.009016504	0.007136019	0.000341467	0	0	3.69665E-07	3.69665E-07	0.369665438
579005.014141696.41	579005.01	4141696	0.010431052	0.015243065	0.007606201	0.0068627	0.005431413	0.000259899	0	0	2.811E-07	2.811E-07	0.281100158
579025.014141696.41	579025.01	4141696	0.00807331	0.011694528	0.005835502	0.005265086	0.004166997	0.000199396	0	0	2.15861E-07	2.15861E-07	0.215861155
579045.014141696.41	579045.01	4141696	0.006435896	0.009243968	0.004612687	0.0041618	0.003293813	0.000157613	0	0	1.70782E-07	1.70782E-07	0.170782099
579065.014141696.41	579065.01	4141696	0.005272378	0.007557881	0.003771339	0.003402693	0.002693026	0.000128864	0	0	1.39661E-07	1.39661E-07	0.139661122
579085.014141696.41	579085.01	4141696	0.004450028	0.006325108	0.003156192	0.002847677	0.002253764	0.000107845	0	0	1.16988E-07	1.16988E-07	0.116987636
579105.014141696.41	579105.01	4141696	0.003863262	0.005409813	0.002699465	0.002435595	0.001927626	9.22391E-05	0	0	1.00221E-07	1.00221E-07	0.100220806
579125.014141696.41	579125.01	4141696	0.003433145	0.004715507	0.002353011	0.002123006	0.001680231	8.0401E-05	0	0	8.75447E-08	8.75447E-08	0.087544667
579145.014141696.41	579145.01	4141696	0.003098542	0.004182057	0.002086822	0.001882837	0.001490152	7.13055E-05	0	0	7.77936E-08	7.77936E-08	0.077793588
579165.014141696.41	579165.01	4141696	0.002826076	0.003754998	0.001873722	0.001690567	0.001337982	6.4024E-05	0	0	6.99742E-08	6.99742E-08	0.069974208
579185.014141696.41	579185.01	4141696	0.002593105	0.00340247	0.001697813	0.001531853	0.001212369	5.80132E-05	0	0	6.34966E-08	6.34966E-08	0.063496637
579205.014141696.41	579205.01	4141696	0.002392844	0.003104277	0.001549016	0.001397601	0.001106117	5.2929E-05	0	0	5.80084E-08	5.80084E-08	0.058008384
579225.014141696.41	579225.01	4141696	0.002212219	0.00284524	0.001419758	0.001280978	0.001013817	4.85123E-05	0	0	5.32219E-08	5.32219E-08	0.053221894
579245.014141696.41	579245.01	4141696	0.002049507	0.002613175	0.001303959	0.001176498	0.000931127	4.45555E-05	0	0	4.89313E-08	4.89313E-08	0.048931257
579265.014141696.41	579265.01	4141696	0.001899979	0.00241349	0.001204317	0.001086596	0.000859975	4.11508E-05	0	0	4.52123E-08	4.52123E-08	0.04521228
579285.014141696.41	579285.01	4141696	0.00176458	0.002230939	0.001113226	0.001004408	0.000794929	3.80382E-05	0	0	4.18161E-08	4.18161E-08	0.041816104

579305.014141696.41	579305.01	4141696	0.001640529	0.002055098	0.001025482	0.000925242	0.000732273	3.50401E-05	0	0	3.85628E-08	3.85628E-08	0.038562843
579325.014141696.41	579325.01	4141696	0.001528605	0.00191496	0.000955554	0.000862149	0.000682339	3.26507E-05	0	0	3.59331E-08	3.59331E-08	0.035933068
579345.014141696.41	579345.01	4141696	0.001425193	0.001783096	0.000889755	0.000802782	0.000635353	3.04024E-05	0	0	3.3464E-08	3.3464E-08	0.033463959
578385.014141716.41	578385.01	4141716	0.000288432	0.000322754	0.000161052	0.00014531	0.000115004	5.50307E-06	0	0	6.14365E-09	6.14365E-09	0.006143651
578405.014141716.41	578405.01	4141716	0.000313687	0.000350248	0.000174771	0.000157688	0.0001248	5.97184E-06	0	0	6.66893E-09	6.66893E-09	0.006668934
578425.014141716.41	578425.01	4141716	0.000343504	0.000382497	0.000190864	0.000172207	0.000136291	6.5217E-06	0	0	7.28563E-09	7.28563E-09	0.007285631
578445.014141716.41	578445.01	4141716	0.000377715	0.000419372	0.000209264	0.000188809	0.000149431	7.15043E-06	0	0	7.99112E-09	7.99112E-09	0.007991118
578465.014141716.41	578465.01	4141716	0.000415486	0.000460026	0.00022955	0.000207112	0.000163916	7.84359E-06	0	0	8.76905E-09	8.76905E-09	0.008769053
578485.014141716.41	578485.01	4141716	0.000460156	0.000507846	0.000253412	0.000228641	0.000180956	8.65894E-06	0	0	9.6848E-09	9.6848E-09	0.009684803
578505.014141716.41	578505.01	4141716	0.000516396	0.000567719	0.000283288	0.000255597	0.00020229	9.6798E-06	0	0	1.08322E-08	1.08322E-08	0.010832247
578525.014141716.41	578525.01	4141716	0.00058315	0.000638407	0.000318561	0.000287422	0.000227477	1.08851E-05	0	0	1.2188E-08	1.2188E-08	0.012187963
578605.014141716.41	578605.01	4141716	0.000994075	0.001070157	0.000534002	0.000481804	0.000381319	1.82465E-05	0	0	2.04775E-08	2.04775E-08	0.020477539
578625.014141716.41	578625.01	4141716	0.001166856	0.001249972	0.000623729	0.00056276	0.00044539	2.13124E-05	0	0	2.39346E-08	2.39346E-08	0.023934617
578645.014141716.41	578645.01	4141716	0.001386475	0.001477867	0.000737447	0.000665362	0.000526594	2.51981E-05	0	0	2.83179E-08	2.83179E-08	0.0283179
578665.014141716.41	578665.01	4141716	0.001656049	0.001757688	0.000877076	0.000791342	0.0006263	2.99692E-05	0	0	3.36996E-08	3.36996E-08	0.033699649
578685.014141716.41	578685.01	4141716	0.002008787	0.002123767	0.001059747	0.000956158	0.000756741	3.62109E-05	0	0	4.07406E-08	4.07406E-08	0.040740585
578905.014141716.41	578905.01	4141716	0.020198072	0.025922878	0.012935366	0.011670943	0.009236847	0.000441994	0	0	4.85024E-07	4.85024E-07	0.485023656
578925.014141716.41	578925.01	4141716	0.01893192	0.025087001	0.012518269	0.011294616	0.008939007	0.000427742	0	0	4.6764E-07	4.6764E-07	0.467639831
578945.014141716.41	578945.01	4141716	0.016040815	0.021895683	0.010925819	0.009857828	0.007801876	0.000373329	0	0	4.06782E-07	4.06782E-07	0.406781754
578965.014141716.41	578965.01	4141716	0.012772885	0.017925104	0.008944523	0.008070202	0.006387078	0.000305629	0	0	3.31997E-07	3.31997E-07	0.331996966
578985.014141716.41	578985.01	4141716	0.009948089	0.014174732	0.007073109	0.006381718	0.005050744	0.000241684	0	0	2.62103E-07	2.62103E-07	0.262102711
579005.014141716.41	579005.01	4141716	0.007798507	0.011056838	0.005517298	0.004977986	0.003939775	0.000188523	0	0	2.0456E-07	2.0456E-07	0.204559778
579025.014141716.41	579025.01	4141716	0.006231184	0.008727588	0.004355016	0.003929316	0.003109816	0.000148808	0	0	1.61681E-07	1.61681E-07	0.161681157
579045.014141716.41	579045.01	4141716	0.005074119	0.007048276	0.003517049	0.00317326	0.002511443	0.000120175	0	0	1.3069E-07	1.3069E-07	0.130690282
579065.014141716.41	579065.01	4141716	0.004212273	0.005830097	0.002909185	0.002624814	0.002077382	9.94051E-05	0	0	1.08146E-07	1.08146E-07	0.108145541
579085.014141716.41	579085.01	4141716	0.003573384	0.004939885	0.002464974	0.002224024	0.001760181	8.42267E-05	0	0	9.16447E-08	9.16447E-08	0.091644702
579105.014141716.41	579105.01	4141716	0.003101602	0.00426128	0.002126354	0.001918504	0.00151838	7.26562E-05	0	0	7.91094E-08	7.91094E-08	0.079109428
579125.014141716.41	579125.01	4141716	0.002755873	0.003741837	0.001867155	0.001684642	0.001333292	6.37996E-05	0	0	6.95579E-08	6.95579E-08	0.069557903
579145.014141716.41	579145.01	4141716	0.002491083	0.003338427	0.001665856	0.00150302	0.001189549	5.69213E-05	0	0	6.21505E-08	6.21505E-08	0.062150515
579165.014141716.41	579165.01	4141716	0.002278806	0.003017758	0.001505844	0.001358649	0.001075288	5.14538E-05	0	0	5.62573E-08	5.62573E-08	0.05625731
579185.014141716.41	579185.01	4141716	0.00210291	0.002754616	0.001374538	0.001240177	0.000981526	4.69671E-05	0	0	5.14165E-08	5.14165E-08	0.051416511
579205.014141716.41	579205.01	4141716	0.001953938	0.002533496	0.0012642	0.001140625	0.000902736	4.3197E-05	0	0	4.73454E-08	4.73454E-08	0.047345448
579225.014141716.41	579225.01	4141716	0.001821765	0.00234202	0.001168654	0.001054419	0.000834509	3.99322E-05	0	0	4.38112E-08	4.38112E-08	0.043811155
579245.014141716.41	579245.01	4141716	0.001702388	0.002157645	0.001076652	0.00097141	0.000768813	3.67886E-05	0	0	4.04303E-08	4.04303E-08	0.04043033
579265.014141716.41	579265.01	4141716	0.001593746	0.002017116	0.001006529	0.000908142	0.000718739	3.43925E-05	0	0	3.78034E-08	3.78034E-08	0.037803416
579285.014141716.41	579285.01	4141716	0.001493393	0.001883102	0.000939657	0.000847806	0.000670987	3.21075E-05	0	0	3.53075E-08	3.53075E-08	0.035307513
579305.014141716.41	579305.01	4141716	0.001397545	0.001748567	0.000872525	0.000787236	0.00062305	2.98136E-05	0	0	3.28158E-08	3.28158E-08	0.032815793
579325.014141716.41	579325.01	4141716	0.001314826	0.001639505	0.000818104	0.000738134	0.000584189	2.79541E-05	0	0	3.07816E-08	3.07816E-08	0.030781629
579345.014141716.41	579345.01	4141716	0.001236057	0.001542431	0.000769664	0.00069443	0.0005496	2.6299E-05	0	0	2.89565E-08	2.89565E-08	0.028956464
578385.014141736.41	578385.01	4141736	0.000303618	0.000338781	0.00016905	0.000152525	0.000120715	5.77633E-06	0	0	6.45118E-09	6.45118E-09	0.006451176
578405.014141736.41	578405.01	4141736	0.000332434	0.000369923	0.000184589	0.000166546	0.000131811	6.30731E-06	0	0	7.04676E-09	7.04676E-09	0.007046757
578425.014141736.41	578425.01	4141736	0.00036531	0.000405299	0.000202242	0.000182473	0.000144416	6.91049E-06	0	0	7.72373E-09	7.72373E-09	0.007723732
578445.014141736.41	578445.01	4141736	0.000401802	0.00044452	0.000221813	0.000200131	0.000158391	7.57921E-06	0	0	8.47439E-09	8.47439E-09	0.008474388
578465.014141736.41	578465.01	4141736	0.000444024	0.000489734	0.000244375	0.000220487	0.000174502	8.35013E-06	0	0	9.3402E-09	9.3402E-09	0.009340196
578485.014141736.41	578485.01	4141736	0.000494923	0.000544069	0.000271487	0.00024495	0.000193863	9.27656E-06	0	0	1.03811E-08	1.03811E-08	0.010381118
578505.014141736.41	578505.01	4141736	0.000564292	0.000619969	0.000309361	0.000279121	0.000220908	1.05707E-05	0	0	1.18302E-08	1.18302E-08	0.011830248
578625.014141736.41	578625.01	4141736	0.001304869	0.001395322	0.000696258	0.000628199	0.000497182	2.37907E-05	0	0	2.67244E-08	2.67244E-08	0.026724404
578645.014141736.41	578645.01	4141736	0.001545906	0.001647909	0.000822297	0.000741918	0.000587184	2.80974E-05	0	0	3.15759E-08	3.15759E-08	0.031575858
578665.014141736.41	578665.01	4141736	0.00185314	0.001970468	0.000983252	0.00088714	0.000702118	3.35971E-05	0	0	3.77696E-08	3.77696E-08	0.037769625
578865.014141736.41	578865.01	4141736	0.014403791	0.017417453	0.008691208	0.007841649	0.006206192	0.000296973	0	0	3.28248E-07	3.28248E-07	0.328247606
578885.014141736.41	578885.01	4141736	0.015480195	0.019329742	0.00964543	0.008702595	0.006887579	0.000329579	0	0	3.62854E-07	3.62854E-07	0.362853732

578905.014141736.41	578905.01	4141736	0.01526853	0.01965608	0.00980827	0.008849518	0.00700386	0.000335143	0	0	3.67638E-07	3.67638E-07	0.367637761
578925.014141736.41	578925.01	4141736	0.013776305	0.018233394	0.009098358	0.008209	0.006496928	0.000310885	0	0	3.3993E-07	3.3993E-07	0.339930354
578945.014141736.41	578945.01	4141736	0.011567368	0.015745047	0.007856687	0.007088702	0.005610279	0.000268458	0	0	2.92606E-07	2.92606E-07	0.29260644
578965.014141736.41	578965.01	4141736	0.00933757	0.01297271	0.006473307	0.005840546	0.00462244	0.000221189	0	0	2.40538E-07	2.40538E-07	0.240537564
578985.014141736.41	578985.01	4141736	0.007472081	0.010465274	0.005222111	0.004711653	0.003728989	0.000178436	0	0	1.93873E-07	1.93873E-07	0.193873027
579005.014141736.41	579005.01	4141736	0.006040046	0.008381835	0.004182487	0.003773652	0.002986618	0.000142913	0	0	1.55434E-07	1.55434E-07	0.155434059
579025.014141736.41	579025.01	4141736	0.004954964	0.006772039	0.003379208	0.003048893	0.002413015	0.000115466	0	0	1.25794E-07	1.25794E-07	0.125794385
579045.014141736.41	579045.01	4141736	0.004116036	0.005567867	0.002778334	0.002506753	0.001983944	9.4934E-05	0	0	1.03546E-07	1.03546E-07	0.103545781
579065.014141736.41	579065.01	4141736	0.003461571	0.004675309	0.002332952	0.002104908	0.001665908	7.97156E-05	0	0	8.69621E-08	8.69621E-08	0.086962055
579085.014141736.41	579085.01	4141736	0.002956802	0.003996053	0.001994008	0.001799095	0.001423875	6.8134E-05	0	0	7.43224E-08	7.43224E-08	0.074322448
579105.014141736.41	579105.01	4141736	0.002571799	0.003466903	0.001729965	0.001560862	0.001235328	5.91119E-05	0	0	6.44993E-08	6.44993E-08	0.064499337
579125.014141736.41	579125.01	4141736	0.002283535	0.003056522	0.001525187	0.001376101	0.001089101	5.21147E-05	0	0	5.69103E-08	5.69103E-08	0.056910329
579145.014141736.41	579145.01	4141736	0.002061634	0.002735657	0.001365077	0.001231642	0.00097477	4.66439E-05	0	0	5.09866E-08	5.09866E-08	0.050986598
579165.014141736.41	579165.01	4141736	0.001886072	0.002480855	0.001237932	0.001116925	0.000883979	4.22994E-05	0	0	4.62843E-08	4.62843E-08	0.046284342
579185.014141736.41	579185.01	4141736	0.001742829	0.002272895	0.001134162	0.001023298	0.000809879	3.87536E-05	0	0	4.24467E-08	4.24467E-08	0.042446677
579205.014141736.41	579205.01	4141736	0.00162423	0.002100313	0.001048044	0.000945598	0.000748384	3.5811E-05	0	0	3.92626E-08	3.92626E-08	0.039262631
579225.014141736.41	579225.01	4141736	0.001521262	0.001952096	0.000974085	0.000878868	0.000695571	3.32839E-05	0	0	3.6525E-08	3.6525E-08	0.036524968
579245.014141736.41	579245.01	4141736	0.001429754	0.001821209	0.000908773	0.000819941	0.000648934	3.10522E-05	0	0	3.41058E-08	3.41058E-08	0.034105755
579265.014141736.41	579265.01	4141736	0.001346646	0.00169801	0.000847297	0.000764474	0.000605035	2.89516E-05	0	0	3.18372E-08	3.18372E-08	0.031837219
579285.014141736.41	579285.01	4141736	0.001270324	0.001595594	0.000796192	0.000718365	0.000568542	2.72054E-05	0	0	2.99309E-08	2.99309E-08	0.029930851
579305.014141736.41	579305.01	4141736	0.001199676	0.00150725	0.000752109	0.000678591	0.000537064	2.56991E-05	0	0	2.82728E-08	2.82728E-08	0.028272772
579325.014141736.41	579325.01	4141736	0.001133979	0.001419753	0.000708449	0.000639198	0.000505887	2.42073E-05	0	0	2.66427E-08	2.66427E-08	0.026642713
579345.014141736.41	579345.01	4141736	0.001072288	0.001338772	0.000668039	0.000602739	0.000477031	2.28265E-05	0	0	2.51315E-08	2.51315E-08	0.025131514
578385.014141756.41	578385.01	4141756	0.000322866	0.000359108	0.000179193	0.000161677	0.000127957	6.12291E-06	0	0	6.84117E-09	6.84117E-09	0.006841169
578405.014141756.41	578405.01	4141756	0.000354462	0.000393051	0.00019613	0.000176959	0.000140052	6.70165E-06	0	0	7.49086E-09	7.49086E-09	0.007490865
578425.014141756.41	578425.01	4141756	0.000390287	0.000431555	0.000215343	0.000194294	0.000153772	7.35816E-06	0	0	8.2278E-09	8.2278E-09	0.008227802
578445.014141756.41	578445.01	4141756	0.000431563	0.000475727	0.000237385	0.000214181	0.000169511	8.1113E-06	0	0	9.07373E-09	9.07373E-09	0.009073728

Cubberley Community Center Master Plan

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Worker Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition I - Phase III	2033	0.327567987	8	0.005159082
Demolition II - Phase III	2034	0.31	8	0.004870008
Grading- Phase III	2034	0.36	8	0.005742208
Building Construction I- Phase III	2034	0.17	8	0.002753265
Building Construction II- Phase III	2035	0.16	8	0.002597177
Paving- Phase III	2035	0.13	8	0.001968872
Architectural Coating- Phase III	2035	0.01	8	8.74444E-05

Risk Summary	
Maximum Risk, Uncc	0.506
UTM X	579005.01
UTM Y	4141276.41

AERMOD Column Identifier:			*12*	*13*	*13*	*13*	*13*	*13*	*13*					
			Demolition I - Phase III	Demolition II - Phase III	Grading- Phase III	ng Construction I- Ph	ng Construction II- Ph	Paving- Phase III	ectural Coating- Ph	Child Risk				
Unique Identifier	X (UTM)	Y (UTM)	2033	2034	2034	2034	2035	2035	2035	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.41	578385.01	4141176	0.000266157	0.000246568	0.000290728	0.000139398	0.000131495	9.9684E-05	4.42731E-06	0	0	5.59025E-09	5.59025E-09	0.005590254
578405.014141176.41	578405.01	4141176	0.000295719	0.000273451	0.000322425	0.000154596	0.000145832	0.000110552	4.91E-06	0	0	6.20093E-09	6.20093E-09	0.006200933
578425.014141176.41	578425.01	4141176	0.000330697	0.000305203	0.000359864	0.000172547	0.000162765	0.000123389	5.48014E-06	0	0	6.92238E-09	6.92238E-09	0.006922378
578445.014141176.41	578445.01	4141176	0.00037264	0.000343092	0.000404539	0.000193968	0.000182971	0.000138707	6.16046E-06	0	0	7.78369E-09	7.78369E-09	0.007783695
578465.014141176.41	578465.01	4141176	0.00041964	0.00038551	0.000454553	0.000217948	0.000205593	0.000155856	6.9221E-06	0	0	8.74806E-09	8.74806E-09	0.008748063
578485.014141176.41	578485.01	4141176	0.000476183	0.000436158	0.000514272	0.000246582	0.000232603	0.000176332	7.83152E-06	0	0	9.90048E-09	9.90048E-09	0.009900483
578505.014141176.41	578505.01	4141176	0.000555685	0.000497666	0.000586796	0.000281356	0.000265406	0.000201199	8.93594E-06	0	0	1.13238E-08	1.13238E-08	0.011323827
578525.014141176.41	578525.01	4141176	0.000636476	0.000568427	0.00067023	0.000321361	0.000303143	0.000229807	1.02065E-05	0	0	1.29378E-08	1.29378E-08	0.012937833
578545.014141176.41	578545.01	4141176	0.000733725	0.000664659	0.000783697	0.000375766	0.000354463	0.000268712	1.19344E-05	0	0	1.5105E-08	1.5105E-08	0.015105038
578565.014141176.41	578565.01	4141176	0.000845419	0.000749933	0.000884243	0.000423975	0.000399939	0.000303187	1.34656E-05	0	0	1.70816E-08	1.70816E-08	0.017081579
578585.014141176.41	578585.01	4141176	0.000978936	0.000876894	0.001033942	0.000495753	0.000467648	0.000354515	1.57452E-05	0	0	1.99523E-08	1.99523E-08	0.019952306
578605.014141176.41	578605.01	4141176	0.001135978	0.001011062	0.00119214	0.000571605	0.0005392	0.000408758	1.81543E-05	0	0	2.30211E-08	2.30211E-08	0.023021064
578625.014141176.41	578625.01	4141176	0.001317268	0.00115015	0.001356137	0.000650239	0.000613375	0.000464989	2.06517E-05	0	0	2.6243E-08	2.6243E-08	0.026242977
578645.014141176.41	578645.01	4141176	0.001531061	0.001327613	0.001565383	0.000750568	0.000708016	0.000536734	2.38382E-05	0	0	3.03153E-08	3.03153E-08	0.030315335
578665.014141176.41	578665.01	4141176	0.001789737	0.001540968	0.001816949	0.000871188	0.000821799	0.000622991	2.76691E-05	0	0	3.52149E-08	3.52149E-08	0.035214945
578685.014141176.41	578685.01	4141176	0.002103358	0.001819727	0.002145633	0.001028785	0.000970461	0.000735689	3.26745E-05	0	0	4.1563E-08	4.1563E-08	0.041562991
578705.014141176.41	578705.01	4141176	0.002467331	0.002118551	0.002497975	0.001197725	0.001129824	0.000856499	3.804E-05	0	0	4.8429E-08	4.8429E-08	0.048429029
578725.014141176.41	578725.01	4141176	0.002897547	0.002469045	0.002911242	0.001395878	0.001316743	0.000998199	4.43334E-05	0	0	5.64896E-08	5.64896E-08	0.056489572
578745.014141176.41	578745.01	4141176	0.003414848	0.002886648	0.003403636	0.00163197	0.001539451	0.001167029	5.18318E-05	0	0	6.61038E-08	6.61038E-08	0.066103817
578765.014141176.41	578765.01	4141176	0.004014746	0.003366831	0.003969818	0.001903442	0.001795533	0.00136116	6.04538E-05	0	0	7.717E-08	7.717E-08	0.07716996
578785.014141176.41	578785.01	4141176	0.004732736	0.003936086	0.004641025	0.002225272	0.002099117	0.001591302	7.06752E-05	0	0	9.03038E-08	9.03038E-08	0.090303816
578805.014141176.41	578805.01	4141176	0.00557898	0.004600745	0.005424721	0.002601037	0.002453579	0.001860013	8.26096E-05	0	0	1.05656E-07	1.05656E-07	0.105656243
578825.014141176.41	578825.01	4141176	0.00658077	0.005381359	0.00634514	0.003042358	0.002869881	0.002175604	9.6626E-05	0	0	1.23704E-07	1.23704E-07	0.123704417
578845.014141176.41	578845.01	4141176	0.007743885	0.006283089	0.007408367	0.003552153	0.003350774	0.00254016	0.000112817	0	0	1.44566E-07	1.44566E-07	0.14456583
578865.014141176.41	578865.01	4141176	0.008998935	0.007257627	0.00855744	0.004103109	0.003870495	0.002934151	0.000130316	0	0	1.67107E-07	1.67107E-07	0.167107269
578885.014141176.41	578885.01	4141176	0.010363255	0.008325765	0.009816878	0.004706982	0.004440134	0.003365984	0.000149495	0	0	1.91789E-07	1.91789E-07	0.19178896
578905.014141176.41	578905.01	4141176	0.011759302	0.009440315	0.01113104	0.005337095	0.005034524	0.00381658	0.000169507	0	0	2.17483E-07	2.17483E-07	0.217482507
578925.014141176.41	578925.01	4141176	0.013115367	0.010560856	0.012452265	0.005970593	0.005632109	0.004269598	0.000189627	0	0	2.4321E-07	2.4321E-07	0.243209739
578945.014141176.41	578945.01	4141176	0.014338895	0.01162992	0.013712794	0.00657499	0.006202241	0.004701805	0.000208823	0	0	2.67601E-07	2.67601E-07	0.267600666
578965.014141176.41	578965.01	4141176	0.015283677	0.012536277	0.014781476	0.0070874	0.006685602	0.005068232	0.000225098	0	0	2.88076E-07	2.88076E-07	0.28807596
578985.014141176.41	578985.01	4141176	0.015891624	0.013229133	0.01559842	0.007479108	0.007055102	0.005348343	0.000237538	0	0	3.03477E-07	3.03477E-07	0.303476833

579005.014141176.41	579005.01	4141176	0.016105674	0.013644593	0.016088288	0.007713989	0.007276667	0.005516308	0.000244998	0	0	3.12381E-07	3.12381E-07	0.312380846
579025.014141176.41	579025.01	4141176	0.015965708	0.013793567	0.016263942	0.007798211	0.007356115	0.005576535	0.000247673	0	0	3.15097E-07	3.15097E-07	0.315097114
579045.014141176.41	579045.01	4141176	0.015496851	0.013665534	0.016112979	0.007725828	0.007287835	0.005524774	0.000245374	0	0	3.11467E-07	3.11467E-07	0.311467349
579065.014141176.41	579065.01	4141176	0.014747958	0.013270869	0.015647631	0.007502703	0.00707736	0.005365216	0.000238288	0	0	3.0181E-07	3.0181E-07	0.301809532
579085.014141176.41	579085.01	4141176	0.013778567	0.012637135	0.014900397	0.007144421	0.006739389	0.005109007	0.000226909	0	0	2.86814E-07	2.86814E-07	0.286814085
579105.014141176.41	579105.01	4141176	0.012687421	0.011838453	0.013958675	0.006692885	0.006313452	0.004786112	0.000212568	0	0	2.68203E-07	2.68203E-07	0.268202696
579125.014141176.41	579125.01	4141176	0.011548244	0.010937648	0.012896539	0.006183614	0.005833052	0.00442193	0.000196393	0	0	2.47413E-07	2.47413E-07	0.247412697
579145.014141176.41	579145.01	4141176	0.010415464	0.009989311	0.011778359	0.00564747	0.005327304	0.004038531	0.000179365	0	0	2.25672E-07	2.25672E-07	0.225671929
579165.014141176.41	579165.01	4141176	0.009318386	0.009029969	0.010647202	0.005105105	0.004815686	0.003650683	0.000162139	0	0	2.03786E-07	2.03786E-07	0.203786241
579185.014141176.41	579185.01	4141176	0.008325108	0.00813228	0.00958874	0.004597595	0.004336948	0.003287761	0.000146021	0	0	1.8338E-07	1.8338E-07	0.183380287
579205.014141176.41	579205.01	4141176	0.007407616	0.007281928	0.008586093	0.004116847	0.003883455	0.002943976	0.000130752	0	0	1.64102E-07	1.64102E-07	0.16410184
579225.014141176.41	579225.01	4141176	0.006589076	0.006508571	0.007674231	0.003679629	0.003471024	0.002631319	0.000116866	0	0	1.46604E-07	1.46604E-07	0.14660386
578385.014141196.41	578385.01	4141196	0.000261823	0.000242721	0.000286192	0.000137223	0.000129443	9.81286E-05	4.35823E-06	0	0	5.50263E-09	5.50263E-09	0.005502629
578405.014141196.41	578405.01	4141196	0.000290817	0.000269165	0.000317372	0.000152173	0.000143546	0.00010882	4.83305E-06	0	0	6.10316E-09	6.10316E-09	0.006103164
578425.014141196.41	578425.01	4141196	0.000325332	0.000300577	0.000354409	0.000169932	0.000160298	0.000121519	5.39707E-06	0	0	6.81667E-09	6.81667E-09	0.006816669
578445.014141196.41	578445.01	4141196	0.000365521	0.000336956	0.000397303	0.000190498	0.000179699	0.000136226	6.05028E-06	0	0	7.64348E-09	7.64348E-09	0.007643483
578465.014141196.41	578465.01	4141196	0.000413191	0.000380007	0.000448064	0.000214837	0.000202658	0.000153631	6.82328E-06	0	0	8.62218E-09	8.62218E-09	0.008622178
578485.014141196.41	578485.01	4141196	0.000470096	0.00043119	0.000508415	0.000243774	0.000229954	0.000174324	7.74232E-06	0	0	9.78627E-09	9.78627E-09	0.009786265
578505.014141196.41	578505.01	4141196	0.000548204	0.000491627	0.000579676	0.000277942	0.000262185	0.000198758	8.82751E-06	0	0	1.11848E-08	1.11848E-08	0.011184798
578525.014141196.41	578525.01	4141196	0.000630595	0.000564093	0.00066512	0.000318911	0.000300831	0.000228054	1.01287E-05	0	0	1.28369E-08	1.28369E-08	0.01283692
578545.014141196.41	578545.01	4141196	0.000728462	0.000661152	0.000779562	0.000373783	0.000352593	0.000267294	1.18714E-05	0	0	1.50223E-08	1.50223E-08	0.015022292
578565.014141196.41	578565.01	4141196	0.000844697	0.000762497	0.000899057	0.000431079	0.00040664	0.000308266	1.36912E-05	0	0	1.7335E-08	1.7335E-08	0.017335039
578585.014141196.41	578585.01	4141196	0.000981928	0.000881082	0.00103888	0.000498121	0.000469881	0.000356208	1.58204E-05	0	0	2.00439E-08	2.00439E-08	0.020043901
578605.014141196.41	578605.01	4141196	0.001142324	0.001018319	0.001200696	0.000575708	0.00054307	0.000411691	1.82846E-05	0	0	2.31823E-08	2.31823E-08	0.023182311
578625.014141196.41	578625.01	4141196	0.001332436	0.001163932	0.001372388	0.00065803	0.000620725	0.00047056	2.08992E-05	0	0	2.65561E-08	2.65561E-08	0.026556087
578645.014141196.41	578645.01	4141196	0.001564646	0.001374608	0.001620796	0.000777137	0.000733079	0.000555734	2.4682E-05	0	0	3.13431E-08	3.13431E-08	0.031343137
578665.014141196.41	578665.01	4141196	0.001846693	0.001609294	0.001897513	0.000909817	0.000858237	0.000650614	2.8896E-05	0	0	3.67271E-08	3.67271E-08	0.036727118
578685.014141196.41	578685.01	4141196	0.00217414	0.00187958	0.002216205	0.001062623	0.001002381	0.000759886	3.37492E-05	0	0	4.29336E-08	4.29336E-08	0.042933554
578705.014141196.41	578705.01	4141196	0.002563806	0.002198662	0.002592435	0.001243017	0.001172548	0.000888887	3.94785E-05	0	0	5.02673E-08	5.02673E-08	0.050267321
578725.014141196.41	578725.01	4141196	0.003029258	0.002576526	0.003037972	0.001456643	0.001374063	0.001041652	4.62633E-05	0	0	5.89609E-08	5.89609E-08	0.058960906
578745.014141196.41	578745.01	4141196	0.003589225	0.003026759	0.00356884	0.001711182	0.001614172	0.001223674	5.43476E-05	0	0	6.93313E-08	6.93313E-08	0.069331291
578765.014141196.41	578765.01	4141196	0.00426491	0.003564505	0.004202894	0.002015197	0.001900952	0.001441077	6.40032E-05	0	0	8.17325E-08	8.17325E-08	0.081732537
578785.014141196.41	578785.01	4141196	0.005056313	0.004188255	0.004938356	0.002367836	0.002233598	0.00169325	7.5203E-05	0	0	9.6134E-08	9.6134E-08	0.096134
578805.014141196.41	578805.01	4141196	0.00600641	0.004929227	0.005812033	0.002786745	0.002628759	0.001992814	8.85077E-05	0	0	1.13264E-07	1.13264E-07	0.113263832
578825.014141196.41	578825.01	4141196	0.007120926	0.005790732	0.006827829	0.003273798	0.0030882	0.002341107	0.000103977	0	0	1.33202E-07	1.33202E-07	0.133201845
578845.014141196.41	578845.01	4141196	0.008423698	0.006791713	0.008008083	0.003839704	0.003622023	0.002745789	0.00012195	0	0	1.56385E-07	1.56385E-07	0.156384993
578865.014141196.41	578865.01	4141196	0.00989027	0.007918535	0.009336715	0.004476754	0.004222958	0.003201347	0.000142183	0	0	1.82483E-07	1.82483E-07	0.182482714
578885.014141196.41	578885.01	4141196	0.011428863	0.009112223	0.010744187	0.005151607	0.004859552	0.003683937	0.000163616	0	0	2.10096E-07	2.10096E-07	0.210096074
578905.014141196.41	578905.01	4141196	0.013017035	0.010370779	0.012228146	0.005863134	0.005530741	0.004192753	0.000186215	0	0	2.39135E-07	2.39135E-07	0.239135199
578925.014141196.41	578925.01	4141196	0.014552842	0.011636105	0.013720087	0.006578487	0.006205539	0.004704305	0.000208934	0	0	2.68197E-07	2.68197E-07	0.268196603
578945.014141196.41	578945.01	4141196	0.015898743	0.012819322	0.015115213	0.00724742	0.00683655	0.005182662	0.00023018	0	0	2.95174E-07	2.95174E-07	0.295173765
578965.014141196.41	578965.01	4141196	0.01692117	0.013821861	0.016297304	0.007814207	0.007371205	0.005587975	0.000248181	0	0	3.17772E-07	3.17772E-07	0.317772173
578985.014141196.41	578985.01	4141196	0.017487792	0.014524993	0.017126364	0.008211724	0.007746185	0.00587224	0.000260806	0	0	3.33291E-07	3.33291E-07	0.333290776
579005.014141196.41	579005.01	4141196	0.017634568	0.014940794	0.017616634	0.008446798	0.007967932	0.006040343	0.000268272	0	0	3.42054E-07	3.42054E-07	0.342053797
579025.014141196.41	579025.01	4141196	0.017371352	0.015042919	0.017737048	0.008504534	0.008022395	0.00608163	0.000270106	0	0	3.43548E-07	3.43548E-07	0.343548089
579045.014141196.41	579045.01	4141196	0.016705159	0.014793282	0.017442702	0.008363401	0.007889264	0.005980705	0.000265624	0	0	3.37016E-07	3.37016E-07	0.337016027
579065.014141196.41	579065.01	4141196	0.015757075	0.014259529	0.016813356	0.008061643	0.007604613	0.005764917	0.00025604	0	0	3.24097E-07	3.24097E-07	0.324096937
579085.014141196.41	579085.01	4141196	0.014561664	0.013445946	0.015854063	0.007601683	0.007170728	0.005435997	0.000241431	0	0	3.04954E-07	3.04954E-07	0.304953809
579105.014141196.41	579105.01	4141196	0.013261678	0.01246683	0.014699592	0.007048139	0.006648566	0.005040156	0.000223851	0	0	2.82221E-07	2.82221E-07	0.282220649
579125.014141196.41	579125.01	4141196	0.01195122	0.011406727	0.013449629	0.006448808	0.006083212	0.004611571	0.000204816	0	0	2.5782E-07	2.5782E-07	0.257820489
579145.014141196.41	579145.01	4141196	0.010702413	0.010341072	0.012193119	0.005846339	0.005514898	0.004180743	0.000185681	0	0	2.33443E-07	2.33443E-07	0.233443182
579165.014141196.41	579165.01	4141196	0.009515205	0.009285254	0.010948208	0.005249431	0.00495183	0.003753891	0.000166723	0	0	2.09401E-07	2.09401E-07	0.209400998
579185.014141196.41	579185.01	4141196	0.008418745	0.008279257	0.00976204	0.004680689	0.004415331	0.003347181	0.00014866	0	0	1.8657E-07	1.8657E-07	0.186569631
579205.014141196.41	579205.01	4141196	0.007443575	0.007362965	0.008681644	0.004162662	0.003926672	0.002976738	0.000132207	0	0	1.65826E-07	1.65826E-07	0.165825861

579225.014141196.41	579225.01	4141196	0.006589592	0.006546459	0.007718905	0.003701049	0.00349123	0.002646637	0.000117546	0	0	1.47374E-07	1.47374E-07	0.147374094
579245.014141196.41	579245.01	4141196	0.005850709	0.005830763	0.00687503	0.003296429	0.003109548	0.002357291	0.000104695	0	0	1.31222E-07	1.31222E-07	0.131221703
578385.014141216.41	578385.01	4141216	0.000257541	0.000238825	0.000281598	0.00013502	0.000127366	9.65535E-05	4.28827E-06	0	0	5.41413E-09	5.41413E-09	0.00541413
578405.014141216.41	578405.01	4141216	0.000286071	0.00026488	0.000312319	0.00014975	0.00014126	0.000107087	4.7561E-06	0	0	6.00574E-09	6.00574E-09	0.006005735
578425.014141216.41	578425.01	4141216	0.000319554	0.000295463	0.00034838	0.000167041	0.000157571	0.000119451	5.30525E-06	0	0	6.70017E-09	6.70017E-09	0.006700166
578445.014141216.41	578445.01	4141216	0.000359072	0.000331404	0.000390757	0.00018736	0.000176738	0.000133982	5.95059E-06	0	0	7.51661E-09	7.51661E-09	0.007516609
578465.014141216.41	578465.01	4141216	0.000406329	0.000374163	0.000441174	0.000211533	0.000199541	0.000151268	6.71835E-06	0	0	8.48846E-09	8.48846E-09	0.008488464
578485.014141216.41	578485.01	4141216	0.000462615	0.000424859	0.00050095	0.000240195	0.000226578	0.000171764	7.62865E-06	0	0	9.64131E-09	9.64131E-09	0.009641305
578505.014141216.41	578505.01	4141216	0.000539588	0.000484566	0.00057135	0.00027395	0.000258419	0.000195903	8.70071E-06	0	0	1.10225E-08	1.10225E-08	0.011022515
578525.014141216.41	578525.01	4141216	0.000623166	0.000558346	0.000658344	0.000315662	0.000297766	0.000225731	1.00255E-05	0	0	1.27039E-08	1.27039E-08	0.012703936
578545.014141216.41	578545.01	4141216	0.00072222	0.000656818	0.000774452	0.000371333	0.000350281	0.000265542	1.17936E-05	0	0	1.49206E-08	1.49206E-08	0.014920586
578565.014141216.41	578565.01	4141216	0.000840827	0.000760549	0.000896761	0.000429977	0.000405601	0.000307479	1.36562E-05	0	0	1.7287E-08	1.7287E-08	0.017286989
578585.014141216.41	578585.01	4141216	0.000982444	0.000883273	0.001041464	0.00049936	0.00047105	0.000357094	1.58598E-05	0	0	2.00895E-08	2.00895E-08	0.02008952
578605.014141216.41	578605.01	4141216	0.001148721	0.001025867	0.001209596	0.000579975	0.000547095	0.000414743	1.84202E-05	0	0	2.33496E-08	2.33496E-08	0.023349602
578625.014141216.41	578625.01	4141216	0.001350545	0.001197194	0.001411607	0.000676835	0.000638464	0.000484008	2.14964E-05	0	0	2.72711E-08	2.72711E-08	0.027271087
578645.014141216.41	578645.01	4141216	0.001598851	0.00140563	0.001657373	0.000794675	0.000749623	0.000568276	2.52391E-05	0	0	3.20481E-08	3.20481E-08	0.032048052
578665.014141216.41	578665.01	4141216	0.001891577	0.001648985	0.001944312	0.000932256	0.000879404	0.00066666	2.96087E-05	0	0	3.76315E-08	3.76315E-08	0.037631477
578685.014141216.41	578685.01	4141216	0.002244975	0.001940016	0.002287466	0.001096791	0.001034612	0.00078432	3.48343E-05	0	0	4.43161E-08	4.43161E-08	0.044316094
578705.014141216.41	578705.01	4141216	0.00266219	0.002280673	0.002689133	0.001289382	0.001216284	0.000922043	4.09511E-05	0	0	5.21484E-08	5.21484E-08	0.052148363
578725.014141216.41	578725.01	4141216	0.003165097	0.002687514	0.003168837	0.001519389	0.001433252	0.001086522	4.82562E-05	0	0	6.15125E-08	6.15125E-08	0.06151249
578745.014141216.41	578745.01	4141216	0.003777686	0.003177972	0.003747135	0.001796671	0.001694814	0.001284807	5.70627E-05	0	0	7.28151E-08	7.28151E-08	0.072815122
578765.014141216.41	578765.01	4141216	0.004525598	0.003770068	0.004445273	0.002131413	0.002010579	0.001524183	6.76942E-05	0	0	8.64784E-08	8.64784E-08	0.086478401
578785.014141216.41	578785.01	4141216	0.005421163	0.004471008	0.005271749	0.00252769	0.002384391	0.001807563	8.02801E-05	0	0	1.02676E-07	1.02676E-07	0.102675743
578805.014141216.41	578805.01	4141216	0.006479394	0.00529029	0.00623776	0.002990872	0.002821314	0.002138786	9.49908E-05	0	0	1.21633E-07	1.21633E-07	0.121632924
578825.014141216.41	578825.01	4141216	0.007739087	0.00625533	0.007375636	0.003536459	0.00333597	0.002528938	0.000112319	0	0	1.43992E-07	1.43992E-07	0.143991803
578845.014141216.41	578845.01	4141216	0.009211541	0.007375432	0.008696344	0.00416971	0.003933321	0.002981778	0.000132431	0	0	1.69966E-07	1.69966E-07	0.169966034
578925.014141216.41	578925.01	4141216	0.016209991	0.012862032	0.015165573	0.007271566	0.006859327	0.005199929	0.000230947	0	0	2.96725E-07	2.96725E-07	0.296725048
578945.014141216.41	578945.01	4141216	0.017681774	0.014166512	0.01670368	0.008009056	0.007555007	0.005727312	0.00025437	0	0	3.2644E-07	3.2644E-07	0.326440488
578965.014141216.41	578965.01	4141216	0.018804287	0.01529538	0.018034724	0.008647263	0.008157032	0.006183696	0.000274639	0	0	3.51823E-07	3.51823E-07	0.351823271
578985.014141216.41	578985.01	4141216	0.019368123	0.016060166	0.01893648	0.009079636	0.008564893	0.006492888	0.000288371	0	0	3.68587E-07	3.68587E-07	0.368587264
579005.014141216.41	579005.01	4141216	0.019389172	0.016441585	0.01938621	0.009295271	0.008768304	0.00664709	0.00029522	0	0	3.76376E-07	3.76376E-07	0.376375935
579025.014141216.41	579025.01	4141216	0.018895809	0.016415092	0.019354972	0.009280294	0.008754175	0.006636379	0.000294744	0	0	3.74753E-07	3.74753E-07	0.374753437
579045.014141216.41	579045.01	4141216	0.017989616	0.016014777	0.018882963	0.009053975	0.008540688	0.006474538	0.000287556	0	0	3.64635E-07	3.64635E-07	0.364635102
579065.014141216.41	579065.01	4141216	0.016785796	0.01529426	0.018033403	0.00864663	0.008156435	0.006183243	0.000274619	0	0	3.47363E-07	3.47363E-07	0.347362621
579085.014141216.41	579085.01	4141216	0.015350488	0.014285632	0.016844135	0.008076401	0.007618534	0.00577547	0.000256508	0	0	3.23733E-07	3.23733E-07	0.32373287
579105.014141216.41	579105.01	4141216	0.013830312	0.013110207	0.015458195	0.007411873	0.006991679	0.005300263	0.000235403	0	0	2.96531E-07	2.96531E-07	0.296530714
579125.014141216.41	579125.01	4141216	0.012355692	0.011890562	0.014020117	0.006722345	0.006341242	0.004807179	0.000213503	0	0	2.68531E-07	2.68531E-07	0.268531105
579145.014141216.41	579145.01	4141216	0.010958045	0.01067345	0.012585024	0.006034249	0.005692155	0.004315118	0.000191649	0	0	2.40752E-07	2.40752E-07	0.240752137
579165.014141216.41	579165.01	4141216	0.009646297	0.009485947	0.011184844	0.005362893	0.00505886	0.003835028	0.000170327	0	0	2.13763E-07	2.13763E-07	0.213763072
579185.014141216.41	579185.01	4141216	0.008476165	0.008395017	0.009898532	0.004746134	0.004477066	0.003393981	0.000150738	0	0	1.89046E-07	1.89046E-07	0.189045682
579205.014141216.41	579205.01	4141216	0.007458794	0.007425691	0.008755603	0.004198124	0.003960124	0.003002097	0.000133333	0	0	1.67133E-07	1.67133E-07	0.167132587
579225.014141216.41	579225.01	4141216	0.006585413	0.006580549	0.007759101	0.003720322	0.00350941	0.002660419	0.000118158	0	0	1.48057E-07	1.48057E-07	0.148056897
579245.014141216.41	579245.01	4141216	0.00581475	0.005826039	0.00686946	0.003293759	0.003107029	0.002355382	0.000104611	0	0	1.31047E-07	1.31047E-07	0.131046752
578385.014141236.41	578385.01	4141236	0.000252589	0.000234296	0.000276258	0.00013246	0.00012495	9.47224E-05	4.20695E-06	0	0	5.31131E-09	5.31131E-09	0.005311305
578405.014141236.41	578405.01	4141236	0.000281325	0.000260643	0.000307323	0.000147355	0.000139001	0.000105374	4.68002E-06	0	0	5.9093E-09	5.9093E-09	0.005909295
578425.014141236.41	578425.01	4141236	0.00031393	0.000290447	0.000342465	0.000164205	0.000154896	0.000117424	5.21518E-06	0	0	6.58598E-09	6.58598E-09	0.00658598
578445.014141236.41	578445.01	4141236	0.000352726	0.000325804	0.000384154	0.000184193	0.000173751	0.000131718	5.85003E-06	0	0	7.38897E-09	7.38897E-09	0.007388973
578465.014141236.41	578465.01	4141236	0.0003989	0.000367783	0.000433652	0.000207927	0.000196139	0.000148689	6.6038E-06	0	0	8.34263E-09	8.34263E-09	0.008342629
578485.014141236.41	578485.01	4141236	0.000454206	0.000417749	0.000492567	0.000236175	0.000222786	0.00016889	7.50098E-06	0	0	9.47849E-09	9.47849E-09	0.009478487
578505.014141236.41	578505.01	4141236	0.000532572	0.00047955	0.000565435	0.000271114	0.000255744	0.000193875	8.61065E-06	0	0	1.09053E-08	1.09053E-08	0.010905267
578525.014141236.41	578525.01	4141236	0.00061584	0.000563752	0.000664718	0.000318718	0.000300649	0.000227917	1.01226E-05	0	0	1.27976E-08	1.27976E-08	0.012797559
578545.014141236.41	578545.01	4141236	0.000713553	0.000650438	0.000766929	0.000367726	0.000346879	0.000262963	1.16791E-05	0	0	1.4772E-08	1.4772E-08	0.014772029
578565.014141236.41	578565.01	4141236	0.000833553	0.000755777	0.000891133	0.000427279	0.000403056	0.000305549	1.35705E-05	0	0	1.71741E-08	1.71741E-08	0.017174117
578585.014141236.41	578585.01	4141236	0.000979968	0.00088303	0.001041177	0.000499222	0.00047092	0.000356996	1.58554E-05	0	0	2.00791E-08	2.00791E-08	0.020079133

578605.014141236.41	578605.01	4141236	0.001152384	0.00103137	0.001216085	0.000583087	0.00055003	0.000416968	1.8519E-05	0	0	2.34694E-08	2.34694E-08	0.023469363
578625.014141236.41	578625.01	4141236	0.001361894	0.001209515	0.001426135	0.000683801	0.000645035	0.000488989	2.17177E-05	0	0	2.75461E-08	2.75461E-08	0.027546146
578645.014141236.41	578645.01	4141236	0.001620416	0.001426864	0.001682409	0.000806679	0.000760947	0.00057686	2.56203E-05	0	0	3.25265E-08	3.25265E-08	0.032526477
578665.014141236.41	578665.01	4141236	0.001932283	0.001686045	0.00198801	0.000953208	0.000899169	0.000681643	3.02741E-05	0	0	3.84733E-08	3.84733E-08	0.038473266
578685.014141236.41	578685.01	4141236	0.002311114	0.001997434	0.002355166	0.001129252	0.001065232	0.000807533	3.58653E-05	0	0	4.5627E-08	4.5627E-08	0.04562702
578705.014141236.41	578705.01	4141236	0.002764597	0.00236658	0.002790426	0.001337949	0.001262098	0.000956773	4.24936E-05	0	0	5.41173E-08	5.41173E-08	0.054117338
578725.014141236.41	578725.01	4141236	0.003313059	0.002808534	0.003311531	0.001587808	0.001497792	0.001135449	5.04292E-05	0	0	6.42944E-08	6.42944E-08	0.064294373
578745.014141236.41	578745.01	4141236	0.003977859	0.003338634	0.00393657	0.001887501	0.001780495	0.00134976	5.99475E-05	0	0	7.65165E-08	7.65165E-08	0.076516482
578765.014141236.41	578765.01	4141236	0.004797327	0.003984105	0.004697643	0.002252419	0.002124725	0.001610715	7.15374E-05	0	0	9.14205E-08	9.14205E-08	0.091420548
578785.014141236.41	578785.01	4141236	0.005814853	0.004774702	0.005629833	0.002699384	0.00254635	0.001930341	8.57331E-05	0	0	1.09706E-07	1.09706E-07	0.109705973
578805.014141236.41	578805.01	4141236	0.007012018	0.005693964	0.006713732	0.00321909	0.003036594	0.002301986	0.000102239	0	0	1.30998E-07	1.30998E-07	0.13099813
578825.014141236.41	578825.01	4141236	0.008449751	0.006784749	0.007999872	0.003835767	0.003618309	0.002742974	0.000121825	0	0	1.56301E-07	1.56301E-07	0.156300911
578945.014141236.41	578945.01	4141236	0.019798545	0.015756959	0.01857897	0.008908217	0.008403193	0.006370306	0.000282927	0	0	3.63379E-07	3.63379E-07	0.363378836
578965.014141236.41	578965.01	4141236	0.020931221	0.016949575	0.01998518	0.009582465	0.009039216	0.006852463	0.000304341	0	0	3.90078E-07	3.90078E-07	0.390077987
578985.014141236.41	578985.01	4141236	0.02149191	0.017797931	0.020985472	0.010062083	0.009491644	0.007195441	0.000319574	0	0	4.08531E-07	4.08531E-07	0.408531428
579005.014141236.41	579005.01	4141236	0.02132522	0.018111803	0.021355558	0.010239531	0.009659032	0.007322334	0.00032521	0	0	4.14536E-07	4.14536E-07	0.4145362
579025.014141236.41	579025.01	4141236	0.020571943	0.017947878	0.021162275	0.010146856	0.009571611	0.007256062	0.000322267	0	0	4.09553E-07	4.09553E-07	0.409552533
579045.014141236.41	579045.01	4141236	0.019353265	0.017341465	0.020447255	0.00980402	0.009248211	0.007010898	0.000311378	0	0	3.94564E-07	3.94564E-07	0.394563577
579065.014141236.41	579065.01	4141236	0.017818954	0.016369703	0.019301455	0.009254633	0.00872997	0.006618029	0.000293929	0	0	3.71464E-07	3.71464E-07	0.371464495
579085.014141236.41	579085.01	4141236	0.016142613	0.015158094	0.017872851	0.008569648	0.008083818	0.006128194	0.000272174	0	0	3.43184E-07	3.43184E-07	0.34318449
579105.014141236.41	579105.01	4141236	0.014397863	0.013773941	0.016240801	0.007787115	0.007345648	0.005568601	0.000247321	0	0	3.11252E-07	3.11252E-07	0.311251615
579125.014141236.41	579125.01	4141236	0.012711153	0.012345129	0.014556095	0.006979335	0.006583663	0.004990953	0.000221665	0	0	2.7854E-07	2.7854E-07	0.278539839
579145.014141236.41	579145.01	4141236	0.011140057	0.01094768	0.012908368	0.006189285	0.005838403	0.004425985	0.000196573	0	0	2.46719E-07	2.46719E-07	0.246718889
579165.014141236.41	579165.01	4141236	0.009739934	0.009656057	0.01138542	0.005459064	0.005149579	0.003903801	0.000173381	0	0	2.17422E-07	2.17422E-07	0.217421981
579185.014141236.41	579185.01	4141236	0.008506346	0.00848706	0.01000706	0.004798171	0.004526153	0.003431193	0.000152391	0	0	1.9098E-07	1.9098E-07	0.190980414
579205.014141236.41	579205.01	4141236	0.007445897	0.007462313	0.008798785	0.004218828	0.003979655	0.003016903	0.000133991	0	0	1.67848E-07	1.67848E-07	0.167847626
579225.014141236.41	579225.01	4141236	0.006548268	0.006582741	0.007761685	0.003721561	0.003510579	0.002661305	0.000118198	0	0	1.4802E-07	1.4802E-07	0.148019713
579245.014141236.41	579245.01	4141236	0.005755162	0.005797306	0.006835581	0.003277515	0.003091706	0.002343765	0.000104095	0	0	1.30332E-07	1.30332E-07	0.130332492
578385.014141256.41	578385.01	4141256	0.000248152	0.000230059	0.000271262	0.000130064	0.000122691	9.30095E-05	4.13087E-06	0	0	5.21555E-09	5.21555E-09	0.005215546
578405.014141256.41	578405.01	4141256	0.000276062	0.000255724	0.000301523	0.000144574	0.000136378	0.000103385	4.5917E-06	0	0	5.79788E-09	5.79788E-09	0.005797881
578425.014141256.41	578425.01	4141256	0.000314652	0.000285821	0.00033701	0.000161589	0.000152428	0.000115553	5.13211E-06	0	0	6.49366E-09	6.49366E-09	0.006493655
578445.014141256.41	578445.01	4141256	0.000346587	0.000320349	0.000377722	0.00018111	0.000170842	0.000129512	5.75209E-06	0	0	7.26476E-09	7.26476E-09	0.007264756
578465.014141256.41	578465.01	4141256	0.000391471	0.000361257	0.000425957	0.000204237	0.000192659	0.000146051	6.48662E-06	0	0	8.19383E-09	8.19383E-09	0.008193829
578485.014141256.41	578485.01	4141256	0.000454567	0.000410736	0.000484298	0.00023221	0.000219046	0.000166055	7.37506E-06	0	0	9.33693E-09	9.33693E-09	0.009336928
578505.014141256.41	578505.01	4141256	0.000523337	0.000472147	0.000556707	0.000266929	0.000251796	0.000190882	8.47773E-06	0	0	1.07347E-08	1.07347E-08	0.010734702
578525.014141256.41	578525.01	4141256	0.000605264	0.000555181	0.000654612	0.000313872	0.000296078	0.000224451	9.96866E-06	0	0	1.26003E-08	1.26003E-08	0.01260032
578545.014141256.41	578545.01	4141256	0.000702925	0.000642208	0.000757225	0.000363073	0.00034249	0.000259635	1.15313E-05	0	0	1.45816E-08	1.45816E-08	0.014581596
578565.014141256.41	578565.01	4141256	0.000823905	0.000749007	0.000883152	0.000423452	0.000399446	0.000302813	1.34489E-05	0	0	1.70155E-08	1.70155E-08	0.017015496
578585.014141256.41	578585.01	4141256	0.000973519	0.000879572	0.0010371	0.000497267	0.000469076	0.000355598	1.57933E-05	0	0	1.99948E-08	1.99948E-08	0.019994767
578605.014141256.41	578605.01	4141256	0.001154345	0.001035607	0.00122108	0.000585482	0.00055229	0.000418681	1.8595E-05	0	0	2.35597E-08	2.35597E-08	0.023559678
578625.014141256.41	578625.01	4141256	0.001369736	0.00121945	0.001437849	0.000689418	0.000650333	0.000493006	2.18961E-05	0	0	2.77651E-08	2.77651E-08	0.027765054
578645.014141256.41	578645.01	4141256	0.001634397	0.001442448	0.001700785	0.00081549	0.000769258	0.00058316	2.59001E-05	0	0	3.28736E-08	3.28736E-08	0.032873555
578665.014141256.41	578665.01	4141256	0.001966229	0.001718382	0.002026138	0.00097149	0.000916414	0.000694717	3.08547E-05	0	0	3.92043E-08	3.92043E-08	0.039204305
578685.014141256.41	578685.01	4141256	0.002368638	0.002048958	0.002415919	0.001158381	0.00109271	0.000828364	3.67905E-05	0	0	4.67994E-08	4.67994E-08	0.046799389
578705.014141256.41	578705.01	4141256	0.00286618	0.002452779	0.002892063	0.001386682	0.001308068	0.000991623	4.40414E-05	0	0	5.60904E-08	5.60904E-08	0.056090428
578725.014141256.41	578725.01	4141256	0.003463756	0.002932573	0.003457785	0.001657934	0.001563942	0.001185596	5.26564E-05	0	0	6.71436E-08	6.71436E-08	0.067143558
578745.014141256.41	578745.01	4141256	0.004194695	0.003512688	0.004141797	0.001985903	0.001873318	0.001420128	6.30727E-05	0	0	8.05263E-08	8.05263E-08	0.080526334
578765.014141256.41	578765.01	4141256	0.005100217	0.004221956	0.004978092	0.002386888	0.002251571	0.001706874	7.58081E-05	0	0	9.69146E-08	9.69146E-08	0.096914611
578785.014141256.41	578785.01	4141256	0.006227941	0.005092665	0.006004741	0.002879145	0.00271592	0.002058889	9.14423E-05	0	0	1.17068E-07	1.17068E-07	0.117068499
578805.014141256.41	578805.01	4141256	0.007620841	0.006151891	0.007253672	0.00347798	0.003280806	0.002487119	0.000110461	0	0	1.41632E-07	1.41632E-07	0.141632124
578965.014141256.41	578965.01	4141256	0.023436988	0.018898309	0.022282924	0.010684184	0.010078476	0.007640307	0.000339332	0	0	4.35144E-07	4.35144E-07	0.435144417
578985.014141256.41	578985.01	4141256	0.023846825	0.019727428	0.023260535	0.011152927	0.010520646	0.007975508	0.00035422	0	0	4.52876E-07	4.52876E-07	0.45287571
579005.014141256.41	579005.01	4141256	0.023502817	0.020014125	0.023598579	0.011315012	0.010673541	0.008091415	0.000359368	0	0	4.57939E-07	4.57939E-07	0.45793901
579025.014141256.41	579025.01	4141256	0.022390777	0.019645125	0.023163492	0.011106397	0.010476753	0.007942234	0.000352742	0	0	4.48004E-07	4.48004E-07	0.448003737

579045.014141256.41	579045.01	4141256	0.020803121	0.018790438	0.022155734	0.010623199	0.010020949	0.007596697	0.000337395	0	0	4.27164E-07	4.27164E-07	0.427163864
579065.014141256.41	579065.01	4141256	0.018910048	0.017538651	0.020679757	0.0099155	0.00935337	0.007090618	0.000314919	0	0	3.97592E-07	3.97592E-07	0.397591783
579085.014141256.41	579085.01	4141256	0.016918487	0.01605028	0.018924824	0.009074047	0.008559621	0.006488891	0.000288194	0	0	3.63001E-07	3.63001E-07	0.363000747
579105.014141256.41	579105.01	4141256	0.014885035	0.014390532	0.016967822	0.008135706	0.007674477	0.00581788	0.000258392	0	0	3.24839E-07	3.24839E-07	0.324838868
579125.014141256.41	579125.01	4141256	0.012988505	0.012743447	0.01502575	0.007204524	0.006796086	0.005151987	0.000228817	0	0	2.87235E-07	2.87235E-07	0.287235055
579145.014141256.41	579145.01	4141256	0.011283428	0.011192934	0.013197546	0.00632794	0.005969196	0.004525138	0.000200977	0	0	2.52012E-07	2.52012E-07	0.25201249
579165.014141256.41	579165.01	4141256	0.009794311	0.009792563	0.011546374	0.005536238	0.005222378	0.003958989	0.000175832	0	0	2.20312E-07	2.20312E-07	0.220312466
579185.014141256.41	579185.01	4141256	0.008514033	0.008559039	0.01009193	0.004838864	0.004564539	0.003460293	0.000153683	0	0	1.92458E-07	1.92458E-07	0.192458405
579205.014141256.41	579205.01	4141256	0.007412518	0.007479163	0.008818653	0.004228355	0.003988641	0.003023715	0.000134294	0	0	1.68116E-07	1.68116E-07	0.168116278
579225.014141256.41	579225.01	4141256	0.006475577	0.006548797	0.007721662	0.003702371	0.003492476	0.002647582	0.000117588	0	0	1.47171E-07	1.47171E-07	0.147170866
579245.014141256.41	579245.01	4141256	0.005675713	0.005746999	0.006776264	0.003249073	0.003064877	0.002323427	0.000103191	0	0	1.29137E-07	1.29137E-07	0.12913663
579265.014141256.41	579265.01	4141256	0.004987594	0.005052049	0.005956851	0.002856182	0.00269426	0.002042469	9.0713E-05	0	0	1.13517E-07	1.13517E-07	0.113516979
578385.014141276.41	578385.01	4141276	0.000251402	0.000232835	0.000274535	0.000131634	0.000124171	9.41318E-05	4.18072E-06	0	0	5.27904E-09	5.27904E-09	0.005279039
578405.014141276.41	578405.01	4141276	0.000271058	0.000251	0.000295953	0.000141903	0.000133859	0.000101476	4.50688E-06	0	0	5.69099E-09	5.69099E-09	0.005690988
578425.014141276.41	578425.01	4141276	0.000302683	0.000280123	0.000330292	0.000158368	0.00014939	0.00011325	5.0298E-06	0	0	6.35168E-09	6.35168E-09	0.006351678
578445.014141276.41	578445.01	4141276	0.000347206	0.00031509	0.000371521	0.000178136	0.000168037	0.000127386	5.65765E-06	0	0	7.15935E-09	7.15935E-09	0.007159353
578465.014141276.41	578465.01	4141276	0.000391935	0.000355218	0.000418837	0.000200823	0.000189438	0.00014361	6.37819E-06	0	0	8.07227E-09	8.07227E-09	0.008072268
578485.014141276.41	578485.01	4141276	0.000446312	0.000403918	0.000476259	0.000228356	0.00021541	0.000163298	7.25264E-06	0	0	9.18038E-09	9.18038E-09	0.009180381
578505.014141276.41	578505.01	4141276	0.000512245	0.000462602	0.000545452	0.000261533	0.000246706	0.000187023	8.30634E-06	0	0	1.05166E-08	1.05166E-08	0.010516557
578525.014141276.41	578525.01	4141276	0.000593294	0.000534678	0.000630437	0.000302281	0.000285144	0.000216162	9.60052E-06	0	0	1.21578E-08	1.21578E-08	0.012157821
578545.014141276.41	578545.01	4141276	0.000691007	0.00063276	0.000746085	0.000357732	0.000337451	0.000255816	1.13616E-05	0	0	1.43636E-08	1.43636E-08	0.014363613
578565.014141276.41	578565.01	4141276	0.000810956	0.000739267	0.000871667	0.000417946	0.000394252	0.000298875	1.32741E-05	0	0	1.67893E-08	1.67893E-08	0.016789314
578585.014141276.41	578585.01	4141276	0.000962375	0.000872121	0.001028315	0.000493055	0.000465103	0.000352586	1.56595E-05	0	0	1.9819E-08	1.9819E-08	0.019819017
578605.014141276.41	578605.01	4141276	0.0011464	0.001031809	0.001216602	0.000583334	0.000550264	0.000417145	1.85268E-05	0	0	2.34651E-08	2.34651E-08	0.023465102
578625.014141276.41	578625.01	4141276	0.001374431	0.001227096	0.001446864	0.00069374	0.000654411	0.000496097	2.20334E-05	0	0	2.79306E-08	2.79306E-08	0.027930579
578645.014141276.41	578645.01	4141276	0.001649049	0.001459249	0.001720595	0.000824988	0.000778218	0.000589953	2.62018E-05	0	0	3.32468E-08	3.32468E-08	0.033246822
578665.014141276.41	578665.01	4141276	0.001993727	0.001746482	0.002059271	0.000987376	0.0009314	0.000706077	3.13593E-05	0	0	3.98352E-08	3.98352E-08	0.039835161
578685.014141276.41	578685.01	4141276	0.002421879	0.002098243	0.00247403	0.001186244	0.001118994	0.000848289	3.76754E-05	0	0	4.79169E-08	4.79169E-08	0.047916869
578705.014141276.41	578705.01	4141276	0.002955122	0.002530407	0.002983594	0.001430569	0.001349467	0.001023006	4.54352E-05	0	0	5.78617E-08	5.78617E-08	0.057861743
578725.014141276.41	578725.01	4141276	0.003620644	0.003062651	0.00361116	0.001731473	0.001633313	0.001238184	5.4992E-05	0	0	7.01289E-08	7.01289E-08	0.070128937
578745.014141276.41	578745.01	4141276	0.004424635	0.003697797	0.004360058	0.002090554	0.001972037	0.001494965	6.63965E-05	0	0	8.47894E-08	8.47894E-08	0.084789399
578765.014141276.41	578765.01	4141276	0.0054418	0.004489563	0.005293626	0.00253818	0.002394286	0.001815064	8.06132E-05	0	0	1.03098E-07	1.03098E-07	0.103097755
578785.014141276.41	578785.01	4141276	0.006708354	0.005460253	0.006438163	0.003086961	0.002911955	0.0022075	9.80426E-05	0	0	1.25586E-07	1.25586E-07	0.125586393
578985.014141276.41	578985.01	4141276	0.026569169	0.021978151	0.025914354	0.012425376	0.011720957	0.008885442	0.000394633	0	0	5.04548E-07	5.04548E-07	0.504548368
579005.014141276.41	579005.01	4141276	0.025869185	0.022114365	0.026074963	0.012502385	0.0117936	0.008940511	0.000397079	0	0	5.05774E-07	5.05774E-07	0.505774361
579025.014141276.41	579025.01	4141276	0.024400137	0.021564541	0.025426668	0.012191541	0.011500379	0.008718225	0.000387206	0	0	4.91384E-07	4.91384E-07	0.491383639
579045.014141276.41	579045.01	4141276	0.022343623	0.020378256	0.024027924	0.011520873	0.010867732	0.008238628	0.000365906	0	0	4.62782E-07	4.62782E-07	0.462781826
579065.014141276.41	579065.01	4141276	0.020045717	0.018796721	0.022163142	0.010626751	0.010024299	0.007599237	0.000337508	0	0	4.25626E-07	4.25626E-07	0.425626136
579085.014141276.41	579085.01	4141276	0.017613932	0.016910713	0.019939357	0.009560493	0.00901849	0.006836751	0.000303644	0	0	3.81996E-07	3.81996E-07	0.381995627
579105.014141276.41	579105.01	4141276	0.015319275	0.014982823	0.017666189	0.008470558	0.007990346	0.006057334	0.000269027	0	0	3.37816E-07	3.37816E-07	0.337816452
579125.014141276.41	579125.01	4141276	0.013225823	0.013117171	0.015466407	0.00741581	0.006995393	0.005303079	0.000235528	0	0	2.95343E-07	2.95343E-07	0.295343029
579145.014141276.41	579145.01	4141276	0.011400282	0.011419292	0.013464443	0.006455912	0.006089913	0.004616651	0.000205041	0	0	2.56864E-07	2.56864E-07	0.256864228
579165.014141276.41	579165.01	4141276	0.009816289	0.009900336	0.011673449	0.005597168	0.005279854	0.00400256	0.000177767	0	0	2.22548E-07	2.22548E-07	0.222548467
579185.014141276.41	579185.01	4141276	0.008468324	0.008579298	0.010115818	0.004850317	0.004575343	0.003468484	0.000154047	0	0	1.92769E-07	1.92769E-07	0.192769147
579205.014141276.41	579205.01	4141276	0.007331107	0.007447362	0.008781156	0.004210376	0.003971681	0.003010859	0.000133723	0	0	1.67292E-07	1.67292E-07	0.167291758
579225.014141276.41	579225.01	4141276	0.006374046	0.006483928	0.007645175	0.003665697	0.003457882	0.002621357	0.000116423	0	0	1.45631E-07	1.45631E-07	0.145630877
579245.014141276.41	579245.01	4141276	0.005563296	0.0056608	0.006674627	0.003200341	0.003018907	0.002288578	0.000101644	0	0	1.2714E-07	1.2714E-07	0.127139719
579265.014141276.41	579265.01	4141276	0.00488756	0.00496994	0.005860038	0.002809762	0.002650471	0.002009274	8.92387E-05	0	0	1.1163E-07	1.1163E-07	0.11163033
578385.014141296.41	578385.01	4141296	0.000240878	0.000222608	0.000262476	0.000125852	0.000118717	8.99972E-05	3.99708E-06	0	0	5.0483E-09	5.0483E-09	0.005048303
578405.014141296.41	578405.01	4141296	0.000275082	0.000254361	0.000299916	0.000143803	0.000135651	0.000102834	4.56722E-06	0	0	5.76805E-09	5.76805E-09	0.005768046
578425.014141296.41	578425.01	4141296	0.000303612	0.000275058	0.00032432	0.000155504	0.000146689	0.000111202	4.93886E-06	0	0	6.25091E-09	6.25091E-09	0.00625091
578445.014141296.41	578445.01	4141296	0.000340396	0.000308515	0.000363769	0.000174419	0.000164531	0.000124728	5.5396E-06	0	0	7.01092E-09	7.01092E-09	0.007010925
578465.014141296.41	578465.01	4141296	0.000385074	0.000349082	0.000411601	0.000197354	0.000186166	0.000141129	6.26801E-06	0	0	7.93262E-09	7.93262E-09	0.007932624
578485.014141296.41	578485.01	4141296	0.000438419	0.000397198	0.000468334	0.000224556	0.000211826	0.000160581	7.13196E-06	0	0	9.02661E-09	9.02661E-09	0.009026606

578505.014141296.41	578505.01	4141296	0.000502546	0.000454567	0.000535978	0.00025699	0.000242421	0.000183775	8.16206E-06	0	0	1.03321E-08	1.03321E-08	0.01033212
578525.014141296.41	578525.01	4141296	0.000581377	0.000524743	0.000618723	0.000296664	0.000279846	0.000212146	9.42213E-06	0	0	1.193E-08	1.193E-08	0.011929953
578545.014141296.41	578545.01	4141296	0.000677903	0.000622095	0.00073351	0.000351702	0.000331763	0.000251504	1.11701E-05	0	0	1.41183E-08	1.41183E-08	0.014118308
578565.014141296.41	578565.01	4141296	0.000797233	0.000728699	0.000859207	0.000411971	0.000388616	0.000294602	1.30843E-05	0	0	1.65446E-08	1.65446E-08	0.016544624
578585.014141296.41	578585.01	4141296	0.000946382	0.000860579	0.001014706	0.00048653	0.000458947	0.000347919	1.54523E-05	0	0	1.95496E-08	1.95496E-08	0.019549565
578605.014141296.41	578605.01	4141296	0.001133915	0.00102426	0.001207701	0.000579067	0.000546238	0.000414093	1.83913E-05	0	0	2.32844E-08	2.32844E-08	0.023284426
578625.014141296.41	578625.01	4141296	0.001369014	0.001226658	0.001446347	0.000693492	0.000654177	0.00049592	2.20255E-05	0	0	2.79098E-08	2.79098E-08	0.027909772
578645.014141296.41	578645.01	4141296	0.001660554	0.001474054	0.001738051	0.000833358	0.000786114	0.000595938	2.64677E-05	0	0	3.35726E-08	3.35726E-08	0.033572639
578665.014141296.41	578665.01	4141296	0.00201684	0.001772001	0.00208936	0.001001803	0.000945009	0.000716394	3.18175E-05	0	0	4.0404E-08	4.0404E-08	0.040403982
578685.014141296.41	578685.01	4141296	0.002470323	0.002145141	0.002529328	0.001212758	0.001144005	0.000867249	3.85175E-05	0	0	4.89754E-08	4.89754E-08	0.048975361
578705.014141296.41	578705.01	4141296	0.003042827	0.002608863	0.003076101	0.001474924	0.001391308	0.001054725	4.68439E-05	0	0	5.96471E-08	5.96471E-08	0.05964714
578725.014141296.41	578725.01	4141296	0.003762983	0.003183524	0.003753681	0.00179981	0.001697775	0.001287052	5.71624E-05	0	0	7.28955E-08	7.28955E-08	0.07289549
578745.014141296.41	578745.01	4141296	0.004670723	0.003896932	0.004594857	0.002203135	0.002078235	0.001575472	6.99721E-05	0	0	8.93727E-08	8.93727E-08	0.089372673
579005.014141296.41	579005.01	4141296	0.028517858	0.024518103	0.028909202	0.013861342	0.013075515	0.009912307	0.00044024	0	0	5.60391E-07	5.60391E-07	0.560391094
579025.014141296.41	579025.01	4141296	0.026514277	0.023653433	0.027889673	0.013372499	0.012614386	0.009562734	0.000424714	0	0	5.38434E-07	5.38434E-07	0.538434101
579045.014141296.41	579045.01	4141296	0.023930247	0.022082661	0.026037581	0.012484461	0.011776692	0.008927694	0.000396509	0	0	5.00868E-07	5.00868E-07	0.500867804
579065.014141296.41	579065.01	4141296	0.021061282	0.020014369	0.023598866	0.011315149	0.010673671	0.008091514	0.000359372	0	0	4.52576E-07	4.52576E-07	0.452575922
579085.014141296.41	579085.01	4141296	0.018265678	0.01777134	0.02095412	0.010047051	0.009477463	0.007184691	0.000319097	0	0	4.00898E-07	4.00898E-07	0.400898387
579105.014141296.41	579105.01	4141296	0.015706258	0.015554367	0.018340095	0.008793682	0.00829515	0.006288401	0.000279289	0	0	3.50269E-07	3.50269E-07	0.350269009
579125.014141296.41	579125.01	4141296	0.013416606	0.013458559	0.015868936	0.007608814	0.007177455	0.005441097	0.000241658	0	0	3.02692E-07	3.02692E-07	0.302692287
579145.014141296.41	579145.01	4141296	0.011423755	0.011561155	0.013631714	0.006536114	0.006165569	0.004674004	0.000207589	0	0	2.59796E-07	2.59796E-07	0.25979551
579165.014141296.41	579165.01	4141296	0.009775532	0.009948014	0.011729665	0.005624123	0.00530528	0.004021835	0.000178623	0	0	2.23427E-07	2.23427E-07	0.223426657
579185.014141296.41	579185.01	4141296	0.0083719	0.00854774	0.010078608	0.004832476	0.004558514	0.003455725	0.000153481	0	0	1.91917E-07	1.91917E-07	0.191916562
579205.014141296.41	579205.01	4141296	0.007208527	0.007371341	0.00869152	0.004167397	0.003931139	0.002980124	0.000132358	0	0	1.65479E-07	1.65479E-07	0.165479111
579225.014141296.41	579225.01	4141296	0.006242283	0.006384483	0.007527919	0.003609476	0.003404847	0.002581152	0.000114638	0	0	1.43323E-07	1.43323E-07	0.143322542
579245.014141296.41	579245.01	4141296	0.005427664	0.005546355	0.006539686	0.003135639	0.002957873	0.002242309	9.95886E-05	0	0	1.24518E-07	1.24518E-07	0.124518401
579265.014141296.41	579265.01	4141296	0.004762761	0.004858271	0.005728369	0.00274663	0.002590918	0.001964127	8.72336E-05	0	0	1.09089E-07	1.09089E-07	0.10908918
579285.014141296.41	579285.01	4141296	0.004201453	0.004274747	0.005040338	0.002416734	0.002279724	0.001728217	7.6756E-05	0	0	9.60102E-08	9.60102E-08	0.09601016
578385.014141316.41	578385.01	4141316	0.000238195	0.000219443	0.000258744	0.000124062	0.000117029	8.87174E-05	3.94024E-06	0	0	4.97815E-09	4.97815E-09	0.004978148
578405.014141316.41	578405.01	4141316	0.00026301	0.000242575	0.000286019	0.00013714	0.000129365	9.80695E-05	4.3556E-06	0	0	5.50227E-09	5.50227E-09	0.005502273
578425.014141316.41	578425.01	4141316	0.000302219	0.000279051	0.000329029	0.000157762	0.000148818	0.000112816	5.01056E-06	0	0	6.32891E-09	6.32891E-09	0.006328909
578445.014141316.41	578445.01	4141316	0.000335547	0.000303791	0.000358199	0.000171749	0.000162012	0.000122818	5.45478E-06	0	0	6.90437E-09	6.90437E-09	0.006904372
578465.014141316.41	578465.01	4141316	0.000377129	0.000341339	0.000402471	0.000192976	0.000182036	0.000137998	6.12898E-06	0	0	7.75797E-09	7.75797E-09	0.007757975
578485.014141316.41	578485.01	4141316	0.000429184	0.000388578	0.000458171	0.000219683	0.000207229	0.000157096	6.97719E-06	0	0	8.83133E-09	8.83133E-09	0.008831327
578505.014141316.41	578505.01	4141316	0.000492744	0.000454761	0.000536207	0.0002571	0.000242524	0.000183853	8.16556E-06	0	0	1.03145E-08	1.03145E-08	0.010314523
578525.014141316.41	578525.01	4141316	0.000569975	0.00052523	0.000619297	0.00029694	0.000280106	0.000212343	9.43088E-06	0	0	1.19148E-08	1.19148E-08	0.011914771
578545.014141316.41	578545.01	4141316	0.000664438	0.000610894	0.000720303	0.00034537	0.00032579	0.000246975	1.0969E-05	0	0	1.38613E-08	1.38613E-08	0.013861334
578565.014141316.41	578565.01	4141316	0.000782684	0.000717255	0.000845712	0.000405501	0.000382512	0.000289976	1.28788E-05	0	0	1.62803E-08	1.62803E-08	0.016280326
578585.014141316.41	578585.01	4141316	0.000930802	0.000849086	0.001001154	0.000480032	0.000452818	0.000343273	1.52459E-05	0	0	1.9282E-08	1.9282E-08	0.01928201
578605.014141316.41	578605.01	4141316	0.001119521	0.001015056	0.001196848	0.000573863	0.00054133	0.000410372	1.8226E-05	0	0	2.30659E-08	2.30659E-08	0.023065941
578625.014141316.41	578625.01	4141316	0.001357561	0.001221447	0.001440203	0.000690546	0.000651398	0.000493813	2.19319E-05	0	0	2.77788E-08	2.77788E-08	0.027778815
578645.014141316.41	578645.01	4141316	0.001661018	0.001480385	0.001745516	0.000836938	0.00078949	0.000598498	2.65813E-05	0	0	3.37022E-08	3.37022E-08	0.033702172
578665.014141316.41	578665.01	4141316	0.002038147	0.001797082	0.002118932	0.001015982	0.000958384	0.000726534	3.22678E-05	0	0	4.09599E-08	4.09599E-08	0.040959936
578685.014141316.41	578685.01	4141316	0.002514124	0.002190043	0.002582271	0.001238143	0.001167951	0.000885402	3.93237E-05	0	0	4.99831E-08	4.99831E-08	0.049983114
578705.014141316.41	578705.01	4141316	0.003124082	0.002684641	0.003165449	0.001517765	0.00143172	0.001085361	4.82046E-05	0	0	6.1364E-08	6.1364E-08	0.061363989
578725.014141316.41	578725.01	4141316	0.003905941	0.003307612	0.003899993	0.001869963	0.001763951	0.001337219	5.93905E-05	0	0	7.57287E-08	7.57287E-08	0.07572865
579025.014141316.41	579025.01	4141316	0.028713851	0.025926022	0.030569274	0.014657311	0.013826359	0.010481508	0.00046552	0	0	5.89401E-07	5.89401E-07	0.589401245
579045.014141316.41	579045.01	4141316	0.025457387	0.023834305	0.028102939	0.013474756	0.012710845	0.009635858	0.000427961	0	0	5.39782E-07	5.39782E-07	0.5397819
579065.014141316.41	579065.01	4141316	0.022067406	0.021289531	0.025102406	0.012036064	0.011353716	0.008607043	0.000382268	0	0	4.80672E-07	4.80672E-07	0.480672439
579085.014141316.41	579085.01	4141316	0.018877494	0.018635329	0.021972845	0.010535507	0.009938229	0.007533988	0.00033461	0	0	4.19782E-07	4.19782E-07	0.419781564
579105.014141316.41	579105.01	4141316	0.016020704	0.0160795	0.018959277	0.009090566	0.008575204	0.006500704	0.000288719	0	0	3.6162E-07	3.6162E-07	0.361619989
579125.014141316.41	579125.01	4141316	0.013513545	0.013719981	0.016177177	0.007756609	0.007316872	0.005546786	0.000246352	0	0	3.08212E-07	3.08212E-07	0.308212004
579145.014141316.41	579145.01	4141316	0.011393988	0.011652516	0.013739438	0.006587765	0.006214292	0.00471094	0.000209229	0	0	2.61585E-07	2.61585E-07	0.261584598
579165.014141316.41	579165.01	4141316	0.009667294	0.009926634	0.011704457	0.005612036	0.005293878	0.004013192	0.00017824	0	0	2.22755E-07	2.22755E-07	0.222754706

579185.014141316.41	579185.01	4141316	0.008237455	0.008473765	0.009991384	0.004790654	0.004519062	0.003425818	0.000152152	0	0	1.90119E-07	1.90119E-07	0.190119345
579205.014141316.41	579205.01	4141316	0.00705164	0.007254802	0.008554109	0.004101512	0.003868989	0.002933009	0.000130265	0	0	1.62769E-07	1.62769E-07	0.162768552
579225.014141316.41	579225.01	4141316	0.006084209	0.00625197	0.007371674	0.003534559	0.003334178	0.002527579	0.000112258	0	0	1.40285E-07	1.40285E-07	0.140285127
579245.014141316.41	579245.01	4141316	0.005296468	0.005430448	0.006403021	0.003070111	0.00289606	0.00219545	9.75075E-05	0	0	1.21877E-07	1.21877E-07	0.121877181
579265.014141316.41	579265.01	4141316	0.004644464	0.004747478	0.005597734	0.002683993	0.002531832	0.001919335	8.52443E-05	0	0	1.0658E-07	1.0658E-07	0.106580116
579285.014141316.41	579285.01	4141316	0.004093886	0.004169116	0.004915789	0.002357015	0.002223391	0.001685512	7.48594E-05	0	0	9.36295E-08	9.36295E-08	0.093629477
578385.014141336.41	578385.01	4141336	0.000242219	0.000217154	0.000256045	0.000122768	0.000115808	8.7792E-05	3.89914E-06	0	0	4.94053E-09	4.94053E-09	0.004940533
578405.014141336.41	578405.01	4141336	0.000260276	0.000239215	0.000282057	0.00013524	0.000127573	9.6711E-05	4.29527E-06	0	0	5.42805E-09	5.42805E-09	0.00542805
578425.014141336.41	578425.01	4141336	0.000295048	0.000265562	0.000313123	0.000150136	0.000141624	0.000107363	4.76834E-06	0	0	6.03931E-09	6.03931E-09	0.006039312
578445.014141336.41	578445.01	4141336	0.000331058	0.000305252	0.000359922	0.000172575	0.000162791	0.000123409	5.48101E-06	0	0	6.92416E-09	6.92416E-09	0.006924161
578465.014141336.41	578465.01	4141336	0.00037553	0.000346306	0.000408328	0.000195785	0.000184685	0.000140007	6.21817E-06	0	0	7.85529E-09	7.85529E-09	0.007855292
578485.014141336.41	578485.01	4141336	0.000421136	0.000380835	0.000449041	0.000215305	0.000203099	0.000153966	6.83815E-06	0	0	8.65645E-09	8.65645E-09	0.008656451
578505.014141336.41	578505.01	4141336	0.0004816	0.000435574	0.000513583	0.000246252	0.000232292	0.000176096	7.82102E-06	0	0	9.90053E-09	9.90053E-09	0.00990053
578525.014141336.41	578525.01	4141336	0.000557439	0.000513981	0.000606033	0.00029058	0.000274106	0.000207795	9.22888E-06	0	0	1.16589E-08	1.16589E-08	0.01165885
578545.014141336.41	578545.01	4141336	0.000651644	0.000599888	0.000707325	0.000339147	0.00031992	0.000242526	1.07714E-05	0	0	1.36098E-08	1.36098E-08	0.01360979
578565.014141336.41	578565.01	4141336	0.000766691	0.000704106	0.000830208	0.000398067	0.0003755	0.00028466	1.26427E-05	0	0	1.59783E-08	1.59783E-08	0.015978252
578585.014141336.41	578585.01	4141336	0.000912848	0.000835255	0.000984846	0.000472213	0.000445442	0.000337681	1.49976E-05	0	0	1.89618E-08	1.89618E-08	0.018961786
578605.014141336.41	578605.01	4141336	0.00110069	0.001001809	0.00118123	0.000566374	0.000534265	0.000405017	1.79882E-05	0	0	2.27557E-08	2.27557E-08	0.022755652
578625.014141336.41	578625.01	4141336	0.001342187	0.001212924	0.001430154	0.000685728	0.000646853	0.000490367	2.17789E-05	0	0	2.7572E-08	2.7572E-08	0.027572016
578645.014141336.41	578645.01	4141336	0.001646882	0.001475271	0.001739487	0.000834047	0.000786763	0.00059643	2.64895E-05	0	0	3.35673E-08	3.35673E-08	0.033567294
578665.014141336.41	578665.01	4141336	0.002047485	0.00181364	0.002138456	0.001025344	0.000967215	0.000733228	3.25652E-05	0	0	4.13166E-08	4.13166E-08	0.041316577
578685.014141336.41	578685.01	4141336	0.002548277	0.002229197	0.002628438	0.00126028	0.001188832	0.000901232	4.00268E-05	0	0	5.0853E-08	5.0853E-08	0.050853005
578705.014141336.41	578705.01	4141336	0.003202036	0.002760564	0.00325497	0.001560688	0.00147221	0.001116055	4.95678E-05	0	0	6.30765E-08	6.30765E-08	0.063076543
579025.014141336.41	579025.01	4141336	0.031047304	0.02845794	0.033554648	0.016088733	0.015176631	0.011505125	0.000510982	0	0	6.45927E-07	6.45927E-07	0.645926812
579045.014141336.41	579045.01	4141336	0.027001707	0.025713447	0.030318627	0.014537131	0.013712992	0.010395567	0.000461703	0	0	5.81322E-07	5.81322E-07	0.581321815
579065.014141336.41	579065.01	4141336	0.023023693	0.022592112	0.026638274	0.01277248	0.012048383	0.009133658	0.000405657	0	0	5.09216E-07	5.09216E-07	0.509215941
579085.014141336.41	579085.01	4141336	0.019388501	0.019446282	0.022929037	0.010993981	0.010370711	0.007861845	0.000349171	0	0	4.37367E-07	4.37367E-07	0.437366559
579105.014141336.41	579105.01	4141336	0.01620576	0.016500658	0.019455863	0.009328669	0.008799808	0.006670972	0.000296281	0	0	3.70576E-07	3.70576E-07	0.370575915
579125.014141336.41	579125.01	4141336	0.01351989	0.013897736	0.016386768	0.007857103	0.007411669	0.00561865	0.000249543	0	0	3.11834E-07	3.11834E-07	0.311834195
579145.014141336.41	579145.01	4141336	0.011318768	0.011696541	0.013791347	0.006612655	0.00623777	0.004728739	0.00021002	0	0	2.62313E-07	2.62313E-07	0.262312875
579165.014141336.41	579165.01	4141336	0.009511232	0.009851295	0.011615625	0.005569443	0.0052537	0.003982733	0.000176887	0	0	2.20882E-07	2.20882E-07	0.220882282
579185.014141336.41	579185.01	4141336	0.008060808	0.008349482	0.009844843	0.004720391	0.004452782	0.003375572	0.000149921	0	0	1.87208E-07	1.87208E-07	0.187208162
579205.014141336.41	579205.01	4141336	0.006867615	0.007102225	0.008374206	0.004015252	0.003787619	0.002871325	0.000127525	0	0	1.59267E-07	1.59267E-07	0.159266795
579225.014141336.41	579225.01	4141336	0.005934544	0.006120577	0.007216749	0.003460276	0.003264106	0.002474459	0.000109899	0	0	1.37289E-07	1.37289E-07	0.137288938
579245.014141336.41	579245.01	4141336	0.005158411	0.005300517	0.006249819	0.002996654	0.002826768	0.002142921	9.51745E-05	0	0	1.18936E-07	1.18936E-07	0.11893617
579265.014141336.41	579265.01	4141336	0.00451786	0.004622222	0.005450044	0.002613179	0.002465033	0.001868696	8.29952E-05	0	0	1.03759E-07	1.03759E-07	0.103759188
579285.014141336.41	579285.01	4141336	0.00398601	0.004058665	0.004785556	0.002294571	0.002164488	0.001640858	7.28761E-05	0	0	9.11502E-08	9.11502E-08	0.091150245
578385.014141356.41	578385.01	4141356	0.000241961	0.000216228	0.000254954	0.000122245	0.000115315	8.74179E-05	3.88253E-06	0	0	4.92118E-09	4.92118E-09	0.004921183
578405.014141356.41	578405.01	4141356	0.000265641	0.0002379	0.000280507	0.000134497	0.000126872	9.61794E-05	4.27166E-06	0	0	5.41316E-09	5.41316E-09	0.005413156
578425.014141356.41	578425.01	4141356	0.000293758	0.000263711	0.000310941	0.000149089	0.000140637	0.000106614	4.73511E-06	0	0	5.99891E-09	5.99891E-09	0.005998911
578445.014141356.41	578445.01	4141356	0.00032657	0.000293661	0.000346255	0.000166022	0.00015661	0.000118723	5.2729E-06	0	0	6.67902E-09	6.67902E-09	0.006679015
578465.014141356.41	578465.01	4141356	0.000366295	0.00033004	0.000389149	0.000186589	0.000176011	0.00013343	5.9261E-06	0	0	7.50481E-09	7.50481E-09	0.007504809
578485.014141356.41	578485.01	4141356	0.000418556	0.000385412	0.000454438	0.000217893	0.000205541	0.000155817	6.92035E-06	0	0	8.7437E-09	8.7437E-09	0.008743704
578505.014141356.41	578505.01	4141356	0.000476699	0.000439177	0.000517832	0.000248289	0.000234213	0.000177553	7.88573E-06	0	0	9.96291E-09	9.96291E-09	0.009962908
578525.014141356.41	578525.01	4141356	0.000545418	0.00050278	0.000592826	0.000284247	0.000268133	0.000203266	9.02776E-06	0	0	1.14051E-08	1.14051E-08	0.011405053
578545.014141356.41	578545.01	4141356	0.000636734	0.000586544	0.000691591	0.000331603	0.000312804	0.000237131	1.05318E-05	0	0	1.33061E-08	1.33061E-08	0.013306144
578565.014141356.41	578565.01	4141356	0.000751936	0.000691541	0.000815393	0.000390964	0.000368799	0.00027958	1.24171E-05	0	0	1.56908E-08	1.56908E-08	0.015690763
578585.014141356.41	578585.01	4141356	0.00089443	0.000820499	0.000967447	0.00046387	0.000437572	0.000331716	1.47326E-05	0	0	1.86218E-08	1.86218E-08	0.018621758
578605.014141356.41	578605.01	4141356	0.001080363	0.00098681	0.001163544	0.000557894	0.000526266	0.000398953	1.77189E-05	0	0	2.24065E-08	2.24065E-08	0.022406485
578625.014141356.41	578625.01	4141356	0.001319538	0.001198022	0.001412583	0.000677303	0.000638906	0.000484343	2.15113E-05	0	0	2.72197E-08	2.72197E-08	0.027219721
578645.014141356.41	578645.01	4141356	0.001629187	0.001467285	0.00173007	0.000829531	0.000782504	0.000593202	2.63461E-05	0	0	3.33663E-08	3.33663E-08	0.033366264
578665.014141356.41	578665.01	4141356	0.002037631	0.001815588	0.002140752	0.001026445	0.000968254	0.000734015	3.26001E-05	0	0	4.13345E-08	4.13345E-08	0.041334454
578685.014141356.41	578685.01	4141356	0.002572215	0.002262167	0.002667313	0.001278919	0.001206415	0.000914561	4.06188E-05	0	0	5.15749E-08	5.15749E-08	0.05157489
579025.014141356.41	579025.01	4141356	0.033503698	0.031278989	0.036880937	0.017683617	0.016681098	0.012645633	0.000561636	0	0	7.08592E-07	7.08592E-07	0.708591755

579045.014141356.41	579045.01	4141356	0.028533645	0.027709955	0.032672702	0.015665859	0.014777731	0.011202726	0.000497551	0	0	6.25217E-07	6.25217E-07	0.625216933
579065.014141356.41	579065.01	4141356	0.023847289	0.023849987	0.028121429	0.013483621	0.012719208	0.009642198	0.000428243	0	0	5.3656E-07	5.3656E-07	0.536560208
579085.014141356.41	579085.01	4141356	0.019726834	0.020131833	0.023737368	0.011381558	0.010736315	0.008139003	0.000361481	0	0	4.52026E-07	4.52026E-07	0.452026369
579105.014141356.41	579105.01	4141356	0.016248735	0.016795245	0.019803209	0.009495214	0.008956911	0.006790069	0.00030157	0	0	3.7665E-07	3.7665E-07	0.376650194
579125.014141356.41	579125.01	4141356	0.013411653	0.01396017	0.016460383	0.0078924	0.007444964	0.00564389	0.000250665	0	0	3.12864E-07	3.12864E-07	0.312863553
579145.014141356.41	579145.01	4141356	0.011125715	0.011614677	0.013694821	0.006566373	0.006194112	0.004695642	0.00020855	0	0	2.60227E-07	2.60227E-07	0.260226656
579165.014141356.41	579165.01	4141356	0.009287895	0.009696721	0.011433367	0.005482054	0.005171266	0.003920241	0.000174111	0	0	2.17254E-07	2.17254E-07	0.217253562
579185.014141356.41	579185.01	4141356	0.007840618	0.008169146	0.009632209	0.004618437	0.004356609	0.003302665	0.000146683	0	0	1.83063E-07	1.83063E-07	0.183063413
579205.014141356.41	579205.01	4141356	0.006684519	0.00694054	0.008183565	0.003923844	0.003701393	0.002805958	0.000124622	0	0	1.55582E-07	1.55582E-07	0.155582221
579225.014141356.41	579225.01	4141356	0.005758877	0.005952805	0.00701893	0.003365426	0.003174634	0.002406631	0.000106887	0	0	1.33497E-07	1.33497E-07	0.133497127
579245.014141356.41	579245.01	4141356	0.005004671	0.005146673	0.006068423	0.002909678	0.002744723	0.002080724	9.24121E-05	0	0	1.15475E-07	1.15475E-07	0.115475294
579265.014141356.41	579265.01	4141356	0.004389347	0.004488978	0.005292937	0.00253785	0.002393974	0.001814828	8.06027E-05	0	0	1.00772E-07	1.00772E-07	0.100771939
579285.014141356.41	579285.01	4141356	0.003874419	0.003939982	0.004645618	0.002227474	0.002101194	0.001592877	7.07451E-05	0	0	8.84958E-08	8.84958E-08	0.088495781
579305.014141356.41	579305.01	4141356	0.003446422	0.003485075	0.004109239	0.001970292	0.001858592	0.001408964	6.25769E-05	0	0	7.83206E-08	7.83206E-08	0.078320645
578385.014141376.41	578385.01	4141376	0.000242786	0.000216228	0.000254954	0.000122245	0.000115315	8.74179E-05	3.88253E-06	0	0	4.923E-09	4.923E-09	0.004922998
578405.014141376.41	578405.01	4141376	0.000266105	0.000242916	0.000286421	0.000137333	0.000129547	9.82073E-05	4.36173E-06	0	0	5.516E-09	5.516E-09	0.005515998
578425.014141376.41	578425.01	4141376	0.000293139	0.000267997	0.000315994	0.000151512	0.000142923	0.000108347	4.81206E-06	0	0	6.08454E-09	6.08454E-09	0.006084543
578445.014141376.41	578445.01	4141376	0.000325538	0.000298044	0.000351423	0.0001685	0.000158947	0.000120495	5.3516E-06	0	0	6.76572E-09	6.76572E-09	0.006765717
578465.014141376.41	578465.01	4141376	0.000363406	0.000333303	0.000392997	0.000188433	0.000177751	0.00013475	5.98469E-06	0	0	7.56469E-09	7.56469E-09	0.007564691
578485.014141376.41	578485.01	4141376	0.000408548	0.000375283	0.000442495	0.000212167	0.000200138	0.000151721	6.73846E-06	0	0	8.51608E-09	8.51608E-09	0.008516079
578505.014141376.41	578505.01	4141376	0.000466381	0.000428853	0.000505659	0.000242453	0.000228707	0.000173379	7.70035E-06	0	0	9.73065E-09	9.73065E-09	0.009730647
578525.014141376.41	578525.01	4141376	0.000540672	0.000497374	0.000586452	0.000281191	0.00026525	0.000201081	8.93069E-06	0	0	1.12849E-08	1.12849E-08	0.011284887
578545.014141376.41	578545.01	4141376	0.00062234	0.000573054	0.000675686	0.000323977	0.00030561	0.000231677	1.02896E-05	0	0	1.30007E-08	1.30007E-08	0.013000666
578565.014141376.41	578565.01	4141376	0.000734756	0.000676152	0.000797248	0.000382263	0.000360592	0.000273358	1.21408E-05	0	0	1.53406E-08	1.53406E-08	0.015340607
578585.014141376.41	578585.01	4141376	0.000877096	0.000805889	0.000950221	0.00045561	0.000429781	0.000325809	1.44703E-05	0	0	1.82871E-08	1.82871E-08	0.018287078
578605.014141376.41	578605.01	4141376	0.001059366	0.000970544	0.001144365	0.000548698	0.000517591	0.000392377	1.74268E-05	0	0	2.20301E-08	2.20301E-08	0.02203014
578625.014141376.41	578625.01	4141376	0.001295807	0.00118161	0.001393232	0.000668025	0.000630153	0.000477707	2.12166E-05	0	0	2.68344E-08	2.68344E-08	0.0268344
578645.014141376.41	578645.01	4141376	0.001606538	0.001454915	0.001715485	0.000822538	0.000775907	0.000588201	2.6124E-05	0	0	3.30654E-08	3.30654E-08	0.033065375
578665.014141376.41	578665.01	4141376	0.002022257	0.001813542	0.002138341	0.001025288	0.000967163	0.000733188	3.25634E-05	0	0	4.12591E-08	4.12591E-08	0.041259133
578685.014141376.41	578685.01	4141376	0.002578096	0.002282573	0.002691373	0.001290455	0.001217297	0.00092281	4.09852E-05	0	0	5.2002E-08	5.2002E-08	0.052002028
579005.014141376.41	579005.01	4141376	0.042080053	0.038141609	0.044972626	0.021563409	0.020340936	0.015420089	0.000684859	0	0	8.66752E-07	8.66752E-07	0.866751726
579025.014141376.41	579025.01	4141376	0.035900298	0.03428505	0.040425372	0.019383098	0.018284232	0.01386094	0.000615612	0	0	7.74881E-07	7.74881E-07	0.774880768
579045.014141376.41	579045.01	4141376	0.029836571	0.029653478	0.034964303	0.016764632	0.015814212	0.011988463	0.000532449	0	0	6.67533E-07	6.67533E-07	0.667532988
579065.014141376.41	579065.01	4141376	0.024436611	0.024965219	0.029436394	0.014114119	0.013313962	0.010093069	0.000448268	0	0	5.60494E-07	5.60494E-07	0.560493904
579085.014141376.41	579085.01	4141376	0.019872113	0.020656869	0.024356435	0.011678388	0.011016317	0.008351267	0.000370908	0	0	4.63003E-07	4.63003E-07	0.463003437
579105.014141376.41	579105.01	4141376	0.016111194	0.016911394	0.019940161	0.009560879	0.009018854	0.006837027	0.000303656	0	0	3.78706E-07	3.78706E-07	0.378705504
579125.014141376.41	579125.01	4141376	0.013142452	0.013849134	0.016329461	0.007829626	0.007385749	0.005599	0.000248671	0	0	3.10018E-07	3.10018E-07	0.310017766
579145.014141376.41	579145.01	4141376	0.010826334	0.011408139	0.013451294	0.006449607	0.006083966	0.004612142	0.000204841	0	0	2.55376E-07	2.55376E-07	0.25537595
579165.014141376.41	579165.01	4141376	0.009020603	0.009480639	0.011178585	0.005359892	0.005056029	0.003832882	0.000170231	0	0	2.1228E-07	2.1228E-07	0.212279651
579185.014141376.41	579185.01	4141376	0.007599895	0.00795282	0.00937714	0.004496137	0.004241242	0.003215208	0.000142798	0	0	1.78143E-07	1.78143E-07	0.178142975
579205.014141376.41	579205.01	4141376	0.006473152	0.006736779	0.007943311	0.003808647	0.003592727	0.00272358	0.000120964	0	0	1.50981E-07	1.50981E-07	0.150981372
579225.014141376.41	579225.01	4141376	0.005576039	0.005767648	0.006800611	0.003260747	0.003075889	0.002331775	0.000103562	0	0	1.29337E-07	1.29337E-07	0.129336634
579245.014141376.41	579245.01	4141376	0.004852168	0.004986693	0.005879791	0.002819234	0.002659406	0.002016046	8.95395E-05	0	0	1.11893E-07	1.11893E-07	0.111892582
579265.014141376.41	579265.01	4141376	0.004254953	0.004344583	0.005122681	0.002456216	0.002316968	0.001756451	7.801E-05	0	0	9.75454E-08	9.75454E-08	0.09754538
579285.014141376.41	579285.01	4141376	0.00376742	0.003822859	0.004507518	0.002161258	0.002038732	0.001545525	6.86421E-05	0	0	8.5883E-08	8.5883E-08	0.085883045
579305.014141376.41	579305.01	4141376	0.00336238	0.00339196	0.003999448	0.001917649	0.001808934	0.00137132	6.0905E-05	0	0	7.62457E-08	7.62457E-08	0.076245745
578385.014141396.41	578385.01	4141396	0.000245056	0.000222267	0.000262074	0.000125659	0.000118535	8.98593E-05	3.99096E-06	0	0	5.05057E-09	5.05057E-09	0.00505057
578405.014141396.41	578405.01	4141396	0.000267189	0.000242624	0.000286077	0.000137168	0.000129391	9.80892E-05	4.35648E-06	0	0	5.51245E-09	5.51245E-09	0.005512449
578425.014141396.41	578425.01	4141396	0.000292778	0.000266341	0.000314041	0.000150576	0.00014204	0.000107678	4.78233E-06	0	0	6.05014E-09	6.05014E-09	0.006050138
578445.014141396.41	578445.01	4141396	0.000323836	0.000295074	0.00034792	0.00016682	0.000157363	0.000119294	5.29825E-06	0	0	6.70167E-09	6.70167E-09	0.006701672
578465.014141396.41	578465.01	4141396	0.000362013	0.00033043	0.000389609	0.000186809	0.000176218	0.000133588	5.9331E-06	0	0	7.5033E-09	7.5033E-09	0.007503303
578485.014141396.41	578485.01	4141396	0.000406794	0.000371971	0.00043859	0.000210294	0.000198372	0.000150382	6.679E-06	0	0	8.445E-09	8.445E-09	0.008445
578505.014141396.41	578505.01	4141396	0.000459674	0.000421207	0.000496644	0.00023813	0.00022463	0.000170288	7.56306E-06	0	0	9.5607E-09	9.5607E-09	0.009560698
578525.014141396.41	578525.01	4141396	0.000530663	0.000486806	0.000573991	0.000275216	0.000259614	0.000196808	8.74094E-06	0	0	1.10484E-08	1.10484E-08	0.011048365

578545.014141396.41	578545.01	4141396	0.00061099	0.000561463	0.000662019	0.000317424	0.000299429	0.000226991	1.00815E-05	0	0	1.27404E-08	1.27404E-08	0.012740435
578565.014141396.41	578565.01	4141396	0.000716751	0.000659204	0.000777265	0.000372682	0.000351554	0.000266507	1.18365E-05	0	0	1.4957E-08	1.4957E-08	0.014957002
578585.014141396.41	578585.01	4141396	0.000853673	0.000785045	0.000925644	0.000443826	0.000418665	0.000317382	1.4096E-05	0	0	1.78125E-08	1.78125E-08	0.017812478
578605.014141396.41	578605.01	4141396	0.001032332	0.000947996	0.001117778	0.000535951	0.000505567	0.000383261	1.70219E-05	0	0	2.1513E-08	2.1513E-08	0.021513001
578625.014141396.41	578625.01	4141396	0.001267638	0.001160328	0.001368138	0.000655993	0.000618803	0.000469104	2.08345E-05	0	0	2.63405E-08	2.63405E-08	0.026340467
578645.014141396.41	578645.01	4141396	0.001579453	0.001437919	0.001695444	0.000812929	0.000766843	0.000581329	2.58188E-05	0	0	3.26608E-08	3.26608E-08	0.032660818
578665.014141396.41	578665.01	4141396	0.001996204	0.001802585	0.002125421	0.001019094	0.000961319	0.000728758	3.23667E-05	0	0	4.09794E-08	4.09794E-08	0.040979426
579005.014141396.41	579005.01	4141396	0.045994197	0.04274625	0.050401941	0.024166648	0.022796593	0.017281678	0.000767539	0	0	9.68827E-07	9.68827E-07	0.968826697
579025.014141396.41	579025.01	4141396	0.038124275	0.037424695	0.044127316	0.0211581	0.019958606	0.015130252	0.000671986	0	0	8.43502E-07	8.43502E-07	0.843501864
579045.014141396.41	579045.01	4141396	0.030851362	0.03148426	0.037122971	0.017799667	0.016790569	0.012728621	0.000565322	0	0	7.06927E-07	7.06927E-07	0.706927027
579065.014141396.41	579065.01	4141396	0.024681358	0.025811285	0.030433988	0.014592444	0.013765169	0.010435121	0.00046346	0	0	5.78206E-07	5.78206E-07	0.578206243
579085.014141396.41	579085.01	4141396	0.019703515	0.020880548	0.024620175	0.011804845	0.011135605	0.008441697	0.000374925	0	0	4.67173E-07	4.67173E-07	0.467173201
579105.014141396.41	579105.01	4141396	0.015791486	0.016824562	0.019837777	0.009511788	0.008972546	0.006801922	0.000302097	0	0	3.7624E-07	3.7624E-07	0.376239984
579125.014141396.41	579125.01	4141396	0.012804584	0.013642158	0.016085417	0.007712612	0.007275369	0.005515323	0.000244954	0	0	3.05074E-07	3.05074E-07	0.305073544
579145.014141396.41	579145.01	4141396	0.010501776	0.0111511	0.01314822	0.006304289	0.005946887	0.004508225	0.000200226	0	0	2.49445E-07	2.49445E-07	0.249444754
579165.014141396.41	579165.01	4141396	0.008717456	0.009206019	0.010854782	0.005204635	0.004909574	0.003721858	0.0001653	0	0	2.06039E-07	2.06039E-07	0.206038659
579185.014141396.41	579185.01	4141396	0.00733477	0.007693784	0.009071712	0.004349691	0.004103099	0.003110483	0.000138147	0	0	1.72302E-07	1.72302E-07	0.172301919
579205.014141396.41	579205.01	4141396	0.00625482	0.006512856	0.007679284	0.003682052	0.003473309	0.002633052	0.000116943	0	0	1.45956E-07	1.45956E-07	0.145955947
579225.014141396.41	579225.01	4141396	0.005392066	0.005572117	0.006570062	0.003150204	0.002971612	0.002252725	0.000100051	0	0	1.24963E-07	1.24963E-07	0.124963082
579245.014141396.41	579245.01	4141396	0.004697499	0.004818483	0.005681455	0.002724136	0.002569699	0.001948042	8.65192E-05	0	0	1.08138E-07	1.08138E-07	0.10813804
579265.014141396.41	579265.01	4141396	0.004131651	0.004208466	0.004962186	0.002379262	0.002244377	0.001701421	7.55659E-05	0	0	9.45113E-08	9.45113E-08	0.094511262
579285.014141396.41	579285.01	4141396	0.003668933	0.00371343	0.004378491	0.002099392	0.001980374	0.001501285	6.66772E-05	0	0	8.34452E-08	8.34452E-08	0.083445217
579305.014141396.41	579305.01	4141396	0.003283085	0.003304008	0.003895743	0.001867925	0.001762029	0.001335762	5.93258E-05	0	0	7.42861E-08	7.42861E-08	0.074286067
578385.014141416.41	578385.01	4141416	0.000247894	0.000223679	0.00026374	0.000126457	0.000119288	9.04303E-05	4.01632E-06	0	0	5.08548E-09	5.08548E-09	0.005085477
578405.014141416.41	578405.01	4141416	0.000269407	0.000243354	0.000286938	0.000137581	0.000129781	9.83845E-05	4.3696E-06	0	0	5.53215E-09	5.53215E-09	0.005532155
578425.014141416.41	578425.01	4141416	0.000294893	0.000266779	0.000314558	0.000150824	0.000142273	0.000107855	4.7902E-06	0	0	6.06369E-09	6.06369E-09	0.006063686
578445.014141416.41	578445.01	4141416	0.00032528	0.000294684	0.000347461	0.0001666	0.000157155	0.000119136	5.29126E-06	0	0	6.69694E-09	6.69694E-09	0.006696939
578465.014141416.41	578465.01	4141416	0.000361394	0.000327995	0.000386738	0.000185432	0.00017492	0.000132604	5.88938E-06	0	0	7.45251E-09	7.45251E-09	0.007452514
578485.014141416.41	578485.01	4141416	0.000405297	0.000368562	0.00043457	0.000208367	0.000196554	0.000149004	6.61779E-06	0	0	8.37251E-09	8.37251E-09	0.008372512
578505.014141416.41	578505.01	4141416	0.000456734	0.000416337	0.000490901	0.000235377	0.000222033	0.000168319	7.47562E-06	0	0	9.45538E-09	9.45538E-09	0.009455377
578525.014141416.41	578525.01	4141416	0.000521377	0.000476335	0.000561645	0.000269297	0.00025403	0.000192575	8.55293E-06	0	0	1.08154E-08	1.08154E-08	0.010815408
578545.014141416.41	578545.01	4141416	0.000602168	0.000551285	0.000650018	0.00031167	0.000294	0.000222876	9.8987E-06	0	0	1.25144E-08	1.25144E-08	0.012514429
578565.014141416.41	578565.01	4141416	0.000701532	0.000643669	0.000758948	0.000363899	0.000343269	0.000260226	1.15575E-05	0	0	1.46082E-08	1.46082E-08	0.01460819
578585.014141416.41	578585.01	4141416	0.000832418	0.000764737	0.000901699	0.000432345	0.000407835	0.000309172	1.37314E-05	0	0	1.73535E-08	1.73535E-08	0.017353517
578605.014141416.41	578605.01	4141416	0.001003751	0.000922574	0.001087804	0.000521579	0.000492009	0.000372983	1.65655E-05	0	0	2.09341E-08	2.09341E-08	0.020934134
578625.014141416.41	578625.01	4141416	0.001232092	0.001131157	0.001333743	0.000639501	0.000603246	0.00045731	2.03107E-05	0	0	2.56702E-08	2.56702E-08	0.025670168
578645.014141416.41	578645.01	4141416	0.001538077	0.001407481	0.001659555	0.000795721	0.00075061	0.000569024	2.52723E-05	0	0	3.1952E-08	3.1952E-08	0.031951998
578665.014141416.41	578665.01	4141416	0.001957511	0.001779988	0.002098777	0.001006318	0.000949268	0.000719623	3.19609E-05	0	0	4.04357E-08	4.04357E-08	0.040435663
579025.014141416.41	579025.01	4141416	0.040063626	0.040625216	0.047901037	0.022967519	0.021665445	0.016424175	0.000729454	0	0	9.12733E-07	9.12733E-07	0.91273287
579045.014141416.41	579045.01	4141416	0.031529214	0.033124917	0.039057463	0.018727215	0.017665532	0.013391915	0.000594781	0	0	7.41721E-07	7.41721E-07	0.741720928
579065.014141416.41	579065.01	4141416	0.024642975	0.026395491	0.031122823	0.014922725	0.014076727	0.010671307	0.000473949	0	0	5.89981E-07	5.89981E-07	0.589980602
579085.014141416.41	579085.01	4141416	0.019384993	0.02092282	0.024670017	0.011828744	0.011158149	0.008458787	0.000375684	0	0	4.67331E-07	4.67331E-07	0.467330959
579105.014141416.41	579105.01	4141416	0.015376644	0.016601029	0.01957421	0.009385413	0.008853336	0.006711551	0.000298083	0	0	3.7079E-07	3.7079E-07	0.370790416
579125.014141416.41	579125.01	4141416	0.012385821	0.013314407	0.015698966	0.007527317	0.007100579	0.005382818	0.000239069	0	0	2.975E-07	2.975E-07	0.29749984
579145.014141416.41	579145.01	4141416	0.010114226	0.010797148	0.012730876	0.006104182	0.005758124	0.004365128	0.00019387	0	0	2.41408E-07	2.41408E-07	0.24140783
579165.014141416.41	579165.01	4141416	0.008386707	0.008878268	0.010468332	0.00501934	0.004734784	0.003589353	0.000159415	0	0	1.98658E-07	1.98658E-07	0.198658464
579185.014141416.41	579185.01	4141416	0.007058347	0.007405285	0.008731544	0.004186588	0.003949242	0.002993847	0.000132967	0	0	1.65838E-07	1.65838E-07	0.165837944
579205.014141416.41	579205.01	4141416	0.006022248	0.006261856	0.007383331	0.003540149	0.003339451	0.002531576	0.000112436	0	0	1.4035E-07	1.4035E-07	0.140349576
579225.014141416.41	579225.01	4141416	0.005206907	0.00536821	0.006329636	0.003034924	0.002862868	0.002170288	9.63899E-05	0	0	1.20417E-07	1.20417E-07	0.12041689
579245.014141416.41	579245.01	4141416	0.004548659	0.004653	0.005486335	0.00263058	0.002481447	0.001881139	8.35478E-05	0	0	1.04452E-07	1.04452E-07	0.104451674
579265.014141416.41	579265.01	4141416	0.004016655	0.004080239	0.004810994	0.002306768	0.002175993	0.00164958	7.32635E-05	0	0	9.16556E-08	9.16556E-08	0.091655554
579285.014141416.41	579285.01	4141416	0.003572871	0.003607361	0.004253426	0.002039426	0.001923807	0.001458403	6.47727E-05	0	0	8.10809E-08	8.10809E-08	0.081080931
579305.014141416.41	579305.01	4141416	0.003210136	0.003224773	0.003802318	0.00182313	0.001719773	0.001303728	5.7903E-05	0	0	7.25173E-08	7.25173E-08	0.072517294
578385.014141436.41	578385.01	4141436	0.000252124	0.000226504	0.00026707	0.000128054	0.000120795	9.15722E-05	4.06704E-06	0	0	5.15211E-09	5.15211E-09	0.005152115

578405.014141436.41	578405.01	4141436	0.000273638	0.000245935	0.000289981	0.00013904	0.000131157	9.9428E-05	4.41594E-06	0	0	5.59385E-09	5.59385E-09	0.00559385
578425.014141436.41	578425.01	4141436	0.000298814	0.000268776	0.000316912	0.000151953	0.000143338	0.000108662	4.82605E-06	0	0	6.11284E-09	6.11284E-09	0.006112837
578445.014141436.41	578445.01	4141436	0.000329098	0.00029634	0.000349413	0.000167536	0.000158038	0.000119806	5.32099E-06	0	0	6.73894E-09	6.73894E-09	0.006738944
578465.014141436.41	578465.01	4141436	0.000364489	0.000328726	0.000387599	0.000185845	0.000175309	0.000132899	5.90249E-06	0	0	7.47415E-09	7.47415E-09	0.007474148
578485.014141436.41	578485.01	4141436	0.000406897	0.000367637	0.000433479	0.000207844	0.000196061	0.00014863	6.60118E-06	0	0	8.35725E-09	8.35725E-09	0.008357245
578505.014141436.41	578505.01	4141436	0.000456011	0.000412977	0.000486939	0.000233477	0.000220241	0.00016696	7.41528E-06	0	0	9.38558E-09	9.38558E-09	0.009385578
578525.014141436.41	578525.01	4141436	0.000519262	0.000471417	0.000555846	0.000266516	0.000251407	0.000190587	8.46462E-06	0	0	1.07109E-08	1.07109E-08	0.010710913
578545.014141436.41	578545.01	4141436	0.000595513	0.000542178	0.00063928	0.000306521	0.000289144	0.000219195	9.73518E-06	0	0	1.23149E-08	1.23149E-08	0.012314937
578565.014141436.41	578565.01	4141436	0.000690853	0.000630958	0.00074396	0.000356713	0.00033649	0.000255087	1.13293E-05	0	0	1.43267E-08	1.43267E-08	0.014326696
578585.014141436.41	578585.01	4141436	0.000816941	0.000748033	0.000882003	0.000422902	0.000398926	0.000302419	1.34315E-05	0	0	1.69804E-08	1.69804E-08	0.016980412
578605.014141436.41	578605.01	4141436	0.000980432	0.000899734	0.001060873	0.000508666	0.000479828	0.000363749	1.61553E-05	0	0	2.04192E-08	2.04192E-08	0.02041923
578625.014141436.41	578625.01	4141436	0.001198919	0.001101547	0.00129883	0.000622761	0.000587456	0.000445339	1.9779E-05	0	0	2.49962E-08	2.49962E-08	0.024996189
578645.014141436.41	578645.01	4141436	0.001495669	0.001373342	0.001619303	0.000776421	0.000732404	0.000555222	2.46593E-05	0	0	3.11658E-08	3.11658E-08	0.03116578
579025.014141436.41	579025.01	4141436	0.041515649	0.043691275	0.051516216	0.02470092	0.023300576	0.017663738	0.000784507	0	0	9.78163E-07	9.78163E-07	0.978163014
579045.014141436.41	579045.01	4141436	0.031814047	0.034459494	0.040631058	0.01948172	0.018377263	0.013931465	0.000618744	0	0	7.69438E-07	7.69438E-07	0.769437635
579065.014141436.41	579065.01	4141436	0.024364023	0.026706928	0.031490037	0.015098797	0.014242816	0.010797217	0.000479541	0	0	5.95689E-07	5.95689E-07	0.595689125
579085.014141436.41	579085.01	4141436	0.01888678	0.020720909	0.024431945	0.011714593	0.01105047	0.008377158	0.000372058	0	0	4.62137E-07	4.62137E-07	0.46213701
579105.014141436.41	579105.01	4141436	0.014838603	0.016190925	0.019090659	0.009153561	0.008634627	0.006545752	0.000290719	0	0	3.61283E-07	3.61283E-07	0.361282811
579125.014141436.41	579125.01	4141436	0.011887608	0.012855555	0.015157935	0.007267905	0.006855873	0.005197311	0.00023083	0	0	2.8709E-07	2.8709E-07	0.287090254
579145.014141436.41	579145.01	4141436	0.00969959	0.010379789	0.012238769	0.005868227	0.005535546	0.004196395	0.000186376	0	0	2.32024E-07	2.32024E-07	0.232024252
579165.014141436.41	579165.01	4141436	0.008046569	0.008516962	0.010042317	0.004815076	0.004542099	0.003443282	0.000152928	0	0	1.90577E-07	1.90577E-07	0.190576509
579185.014141436.41	579185.01	4141436	0.006784709	0.007105244	0.008377766	0.004016959	0.00378923	0.002872545	0.00012758	0	0	1.59146E-07	1.59146E-07	0.159145806
579205.014141436.41	579205.01	4141436	0.005807218	0.006022203	0.007100757	0.00340466	0.003211643	0.002434688	0.000108133	0	0	1.35012E-07	1.35012E-07	0.135012106
579225.014141436.41	579225.01	4141436	0.005036812	0.005177695	0.006105	0.002927217	0.002761267	0.002093266	9.29691E-05	0	0	1.16176E-07	1.16176E-07	0.116175672
579245.014141436.41	579245.01	4141436	0.004417464	0.004506705	0.005313839	0.002547872	0.002403428	0.001821994	8.0921E-05	0	0	1.01194E-07	1.01194E-07	0.101193593
579265.014141436.41	579265.01	4141436	0.003909294	0.003962579	0.004672262	0.002240249	0.002113245	0.001602012	7.11509E-05	0	0	8.90311E-08	8.90311E-08	0.08903115
579285.014141436.41	579285.01	4141436	0.003491409	0.003520236	0.004150697	0.00199017	0.001877344	0.00142318	6.32083E-05	0	0	7.91333E-08	7.91333E-08	0.079133295
579305.014141436.41	579305.01	4141436	0.003141984	0.003154304	0.003719228	0.00178329	0.001682192	0.001275239	5.66377E-05	0	0	7.0937E-08	7.0937E-08	0.070937009
579325.014141436.41	579325.01	4141436	0.002842499	0.002843598	0.003352875	0.001607632	0.001516492	0.001149625	5.10588E-05	0	0	6.39715E-08	6.39715E-08	0.063971549
578385.014141456.41	578385.01	4141456	0.000258057	0.000230984	0.000272353	0.000130587	0.000123184	9.33836E-05	4.14749E-06	0	0	5.25611E-09	5.25611E-09	0.005256107
578405.014141456.41	578405.01	4141456	0.000279467	0.000250075	0.000294862	0.00014138	0.000133365	0.000101102	4.49027E-06	0	0	5.69069E-09	5.69069E-09	0.005690695
578425.014141456.41	578425.01	4141456	0.000304334	0.00027238	0.000321162	0.00015399	0.00014526	0.000110119	4.89076E-06	0	0	6.19813E-09	6.19813E-09	0.006198127
578445.014141456.41	578445.01	4141456	0.000333999	0.000299018	0.000352572	0.00016905	0.000159467	0.000120889	5.36908E-06	0	0	6.80409E-09	6.80409E-09	0.006804091
578465.014141456.41	578465.01	4141456	0.00036872	0.00033043	0.000389609	0.000186809	0.000176218	0.000133588	5.9331E-06	0	0	7.51805E-09	7.51805E-09	0.007518049
578485.014141456.41	578485.01	4141456	0.000410715	0.000368513	0.000434513	0.00020834	0.000196528	0.000148985	6.61692E-06	0	0	8.38343E-09	8.38343E-09	0.008383433
578505.014141456.41	578505.01	4141456	0.000458075	0.000411857	0.000485619	0.000232844	0.000219643	0.000166508	7.39517E-06	0	0	9.36738E-09	9.36738E-09	0.009367378
578525.014141456.41	578525.01	4141456	0.00052148	0.00046981	0.000553951	0.000265608	0.00025055	0.000189937	8.43576E-06	0	0	1.06832E-08	1.06832E-08	0.010683168
578545.014141456.41	578545.01	4141456	0.000592521	0.000535506	0.000631413	0.000302749	0.000285586	0.000216497	9.61538E-06	0	0	1.21729E-08	1.21729E-08	0.012172925
578565.014141456.41	578565.01	4141456	0.000686777	0.000622825	0.000734371	0.000352115	0.000332153	0.000251799	1.11833E-05	0	0	1.41526E-08	1.41526E-08	0.014152646
578585.014141456.41	578585.01	4141456	0.00080848	0.000735761	0.000867533	0.000415963	0.000392382	0.000297457	1.32111E-05	0	0	1.67127E-08	1.67127E-08	0.016712693
578605.014141456.41	578605.01	4141456	0.000963717	0.0008804	0.001038076	0.000497735	0.000469518	0.000355933	1.58082E-05	0	0	1.999E-08	1.999E-08	0.019990021
578625.014141456.41	578625.01	4141456	0.00117137	0.001073788	0.001266099	0.000607067	0.000572652	0.000434117	1.92806E-05	0	0	2.43721E-08	2.43721E-08	0.02437214
578645.014141456.41	578645.01	4141456	0.001456254	0.001337889	0.001577499	0.000756377	0.000713497	0.000540889	2.40227E-05	0	0	3.03594E-08	3.03594E-08	0.030359449
579045.014141456.41	579045.01	4141456	0.031562232	0.035240253	0.041551649	0.019923123	0.018793642	0.014247114	0.000632763	0	0	7.84733E-07	7.84733E-07	0.784732562
579065.014141456.41	579065.01	4141456	0.023762164	0.026592142	0.031354694	0.015033902	0.014181601	0.01075081	0.00047748	0	0	5.92036E-07	5.92036E-07	0.592035828
579085.014141456.41	579085.01	4141456	0.018136443	0.020156865	0.023766883	0.01139571	0.010749665	0.008149123	0.00036193	0	0	4.49038E-07	4.49038E-07	0.44903781
579105.014141456.41	579105.01	4141456	0.014161268	0.015556704	0.018342851	0.008795003	0.008296397	0.006289346	0.000279331	0	0	3.4692E-07	3.4692E-07	0.3469196
579125.014141456.41	579125.01	4141456	0.011331872	0.012283134	0.014482996	0.006944286	0.0065506	0.00496589	0.000220552	0	0	2.74249E-07	2.74249E-07	0.274248877
579145.014141456.41	579145.01	4141456	0.009266588	0.009910417	0.011685335	0.005602867	0.00528523	0.004006635	0.000177948	0	0	2.21545E-07	2.21545E-07	0.221544512
579165.014141456.41	579165.01	4141456	0.007710093	0.008141777	0.009599938	0.004602964	0.004342013	0.0032916	0.000146191	0	0	1.82221E-07	1.82221E-07	0.182220868
579185.014141456.41	579185.01	4141456	0.006527374	0.006815089	0.008035645	0.003852919	0.00363449	0.00275524	0.00012237	0	0	1.5269E-07	1.5269E-07	0.152690188
579205.014141456.41	579205.01	4141456	0.005609367	0.005799351	0.006837993	0.003278671	0.003092797	0.002344592	0.000104131	0	0	1.30053E-07	1.30053E-07	0.130053461
579225.014141456.41	579225.01	4141456	0.004885599	0.005009728	0.005906952	0.002832256	0.00267169	0.002025359	8.99531E-05	0	0	1.12434E-07	1.12434E-07	0.112433672
579245.014141456.41	579245.01	4141456	0.00429442	0.004373511	0.00515679	0.00247257	0.002332395	0.001768146	7.85294E-05	0	0	9.82194E-08	9.82194E-08	0.098219357

579265.014141456.41	579265.01	4141456	0.003812613	0.003861527	0.004553111	0.002183119	0.002059354	0.001561158	6.93364E-05	0	0	8.67673E-08	8.67673E-08	0.086767324
578385.014141476.41	578385.01	4141476	0.000264764	0.000236439	0.000278784	0.000133671	0.000126093	9.55887E-05	4.24542E-06	0	0	5.38157E-09	5.38157E-09	0.005381571
578405.014141476.41	578405.01	4141476	0.000286639	0.000255773	0.000301581	0.000144601	0.000136404	0.000103405	4.59258E-06	0	0	5.82212E-09	5.82212E-09	0.005822123
578425.014141476.41	578425.01	4141476	0.000311815	0.00027798	0.000327765	0.000157156	0.000148247	0.000112383	4.99132E-06	0	0	6.32826E-09	6.32826E-09	0.006328259
578445.014141476.41	578445.01	4141476	0.000340654	0.000303596	0.000357969	0.000171639	0.000161908	0.000122739	5.45128E-06	0	0	6.91165E-09	6.91165E-09	0.006911648
578465.014141476.41	578465.01	4141476	0.00037522	0.000334375	0.00039426	0.000189039	0.000178322	0.000135183	6.00393E-06	0	0	7.61241E-09	7.61241E-09	0.007612414
578485.014141476.41	578485.01	4141476	0.000417267	0.000371971	0.00043859	0.000210294	0.000198372	0.000150382	6.679E-06	0	0	8.46803E-09	8.46803E-09	0.008468026
578505.014141476.41	578505.01	4141476	0.000464885	0.000414925	0.000489236	0.000234578	0.00022128	0.000167748	7.45026E-06	0	0	9.44463E-09	9.44463E-09	0.00944463
578525.014141476.41	578525.01	4141476	0.000528342	0.000472147	0.000556707	0.000266929	0.000251796	0.000190882	8.47773E-06	0	0	1.07457E-08	1.07457E-08	0.010745704
578545.014141476.41	578545.01	4141476	0.000594687	0.000532974	0.000628427	0.000301317	0.000284235	0.000215473	9.56991E-06	0	0	1.21263E-08	1.21263E-08	0.012126284
578565.014141476.41	578565.01	4141476	0.000685281	0.000616105	0.000726447	0.000348316	0.000328569	0.000249082	1.10626E-05	0	0	1.40129E-08	1.40129E-08	0.014012935
578585.014141476.41	578585.01	4141476	0.000800947	0.000722904	0.000852373	0.000408695	0.000385525	0.000292259	1.29802E-05	0	0	1.64352E-08	1.64352E-08	0.016435153
578605.014141476.41	578605.01	4141476	0.000951128	0.000862381	0.00101683	0.000487548	0.000459908	0.000348648	1.54846E-05	0	0	1.95966E-08	1.95966E-08	0.019596577
578625.014141476.41	578625.01	4141476	0.001149908	0.00104788	0.001235551	0.00059242	0.000558835	0.000423642	1.88154E-05	0	0	2.3799E-08	2.3799E-08	0.02379904
578645.014141476.41	578645.01	4141476	0.001423546	0.00130336	0.001536787	0.000736856	0.000695083	0.000526929	2.34027E-05	0	0	2.95866E-08	2.95866E-08	0.029586647
579065.014141476.41	579065.01	4141476	0.022700167	0.025818882	0.030442946	0.014596739	0.013769221	0.010438193	0.000463596	0	0	5.74005E-07	5.74005E-07	0.574004554
579085.014141476.41	579085.01	4141476	0.017236338	0.019306805	0.02276458	0.010915128	0.010296327	0.007805456	0.000346667	0	0	4.29804E-07	4.29804E-07	0.429803519
579105.014141476.41	579105.01	4141476	0.01342032	0.01477351	0.017419389	0.008352223	0.007878719	0.005972712	0.000265269	0	0	3.29393E-07	3.29393E-07	0.329392529
579125.014141476.41	579125.01	4141476	0.010743943	0.01162953	0.013712335	0.00657477	0.006202033	0.004701647	0.000208816	0	0	2.59689E-07	2.59689E-07	0.259688792
579145.014141476.41	579145.01	4141476	0.008824404	0.009408904	0.011094003	0.005319336	0.005017772	0.003803881	0.000168943	0	0	2.10392E-07	2.10392E-07	0.210392133
579165.014141476.41	579165.01	4141476	0.007393842	0.007781834	0.009175531	0.00439947	0.004150055	0.003146081	0.000139728	0	0	1.74219E-07	1.74219E-07	0.17421911
579185.014141476.41	579185.01	4141476	0.006278603	0.006535258	0.007705698	0.003694717	0.003485256	0.002642108	0.000117345	0	0	1.46463E-07	1.46463E-07	0.146462974
579205.014141476.41	579205.01	4141476	0.005417294	0.005588626	0.006589528	0.003159537	0.002980417	0.002259399	0.000100348	0	0	1.25354E-07	1.25354E-07	0.125353671
579225.014141476.41	579225.01	4141476	0.004734902	0.00485009	0.005718722	0.002742004	0.002586555	0.00196082	8.70867E-05	0	0	1.08862E-07	1.08862E-07	0.10886185
578385.014141496.41	578385.01	4141496	0.000272038	0.00024277	0.000286249	0.00013725	0.000129469	9.81483E-05	4.3591E-06	0	0	5.52608E-09	5.52608E-09	0.005526077
578405.014141496.41	578405.01	4141496	0.000294687	0.000262542	0.000309562	0.000148429	0.000140014	0.000106142	4.71413E-06	0	0	5.97723E-09	5.97723E-09	0.005977227
578425.014141496.41	578425.01	4141496	0.000320276	0.000284847	0.000335862	0.000161038	0.000151909	0.000115159	5.11462E-06	0	0	6.48625E-09	6.48625E-09	0.006486248
578445.014141496.41	578445.01	4141496	0.000349683	0.000310658	0.000366295	0.000175631	0.000165674	0.000125594	5.57808E-06	0	0	7.07484E-09	7.07484E-09	0.007074839
578465.014141496.41	578465.01	4141496	0.000384403	0.000341193	0.000402299	0.000192894	0.000181958	0.000137939	6.12635E-06	0	0	7.771E-09	7.771E-09	0.007771003
578485.014141496.41	578485.01	4141496	0.000426398	0.000378205	0.00044594	0.000213819	0.000201697	0.000152903	6.79093E-06	0	0	8.61464E-09	8.61464E-09	0.008614639
578505.014141496.41	578505.01	4141496	0.000473965	0.000420379	0.000495667	0.000237662	0.000224188	0.000169953	7.5482E-06	0	0	9.57531E-09	9.57531E-09	0.009575312
578525.014141496.41	578525.01	4141496	0.000537783	0.000477017	0.000562449	0.000269682	0.000254394	0.000192851	8.56518E-06	0	0	1.08653E-08	1.08653E-08	0.010865318
578545.014141496.41	578545.01	4141496	0.000602994	0.000535798	0.000631758	0.000302914	0.000285741	0.000216615	9.62063E-06	0	0	1.22019E-08	1.22019E-08	0.012201883
578565.014141496.41	578565.01	4141496	0.000689614	0.000614157	0.00072415	0.000347214	0.00032753	0.000248294	1.10276E-05	0	0	1.39829E-08	1.39829E-08	0.013982921
578585.014141496.41	578585.01	4141496	0.000800432	0.000715209	0.000843301	0.000404345	0.000381421	0.000289149	1.28421E-05	0	0	1.62778E-08	1.62778E-08	0.016277826
578605.014141496.41	578605.01	4141496	0.000943132	0.000846553	0.000998168	0.0004786	0.000451467	0.000342249	1.52005E-05	0	0	1.92577E-08	1.92577E-08	0.019257714
578625.014141496.41	578625.01	4141496	0.001131438	0.001021338	0.001204256	0.000577415	0.00054468	0.000412912	1.83388E-05	0	0	2.32197E-08	2.32197E-08	0.023219668
578645.014141496.41	578645.01	4141496	0.001394758	0.00126703	0.00149395	0.000716317	0.000675708	0.000512241	2.27504E-05	0	0	2.87859E-08	2.87859E-08	0.028785889
579085.014141496.41	579085.01	4141496	0.016213705	0.018194252	0.021452773	0.010286144	0.009703002	0.007355667	0.00032669	0	0	4.04972E-07	4.04972E-07	0.404971503
579105.014141496.41	579105.01	4141496	0.012678805	0.013929196	0.016423862	0.007874889	0.007428446	0.005631368	0.000250108	0	0	3.10624E-07	3.10624E-07	0.310623569
579125.014141496.41	579125.01	4141496	0.010188878	0.010988783	0.012956832	0.006212523	0.005860323	0.004442603	0.000197311	0	0	2.45462E-07	2.45462E-07	0.24546194
579145.014141496.41	579145.01	4141496	0.008408994	0.00893364	0.010533621	0.005050645	0.004764314	0.003611739	0.00016041	0	0	1.99831E-07	1.99831E-07	0.199831457
579165.014141496.41	579165.01	4141496	0.00708342	0.007435236	0.008766858	0.00420352	0.003965214	0.003005956	0.000133505	0	0	1.66501E-07	1.66501E-07	0.166501034
579185.014141496.41	579185.01	4141496	0.006050004	0.00628942	0.007415832	0.003555732	0.003354151	0.00254272	0.000112931	0	0	1.4097E-07	1.4097E-07	0.140970126
579205.014141496.41	579205.01	4141496	0.005238687	0.005405124	0.006373161	0.003055794	0.002882555	0.002185212	9.70528E-05	0	0	1.21236E-07	1.21236E-07	0.12123609
578385.014141516.41	578385.01	4141516	0.00027859	0.000248663	0.000293197	0.000140582	0.000132612	0.000100531	4.46491E-06	0	0	5.6601E-09	5.6601E-09	0.005660098
578405.014141516.41	578405.01	4141516	0.000302529	0.000269458	0.000317716	0.000152338	0.000143702	0.000108938	4.8383E-06	0	0	6.13484E-09	6.13484E-09	0.006134844
578425.014141516.41	578425.01	4141516	0.000329511	0.000292882	0.000345336	0.000165581	0.000156194	0.000118408	5.2589E-06	0	0	6.66966E-09	6.66966E-09	0.006669664
578445.014141516.41	578445.01	4141516	0.00035964	0.000319034	0.000376172	0.000180366	0.000170141	0.000128981	5.72848E-06	0	0	7.26676E-09	7.26676E-09	0.007266763
578465.014141516.41	578465.01	4141516	0.000395134	0.000349861	0.00041252	0.000197795	0.000186581	0.000141444	6.282E-06	0	0	7.97056E-09	7.97056E-09	0.00797056
578485.014141516.41	578485.01	4141516	0.000437387	0.00038663	0.000455874	0.000218582	0.00020619	0.000156309	6.94221E-06	0	0	8.80982E-09	8.80982E-09	0.00880982
578505.014141516.41	578505.01	4141516	0.000485728	0.000428853	0.000505659	0.000242453	0.000228707	0.000173379	7.70035E-06	0	0	9.77318E-09	9.77318E-09	0.009773183
578525.014141516.41	578525.01	4141516	0.000551042	0.000485929	0.000572957	0.000274721	0.000259146	0.000196454	8.7252E-06	0	0	1.10754E-08	1.10754E-08	0.011075375
578545.014141516.41	578545.01	4141516	0.000615117	0.000542568	0.000639739	0.000306741	0.000289352	0.000219352	9.74218E-06	0	0	1.23659E-08	1.23659E-08	0.012365948

578565.014141516.41	578565.01	4141516	0.000702409	0.000619952	0.000730983	0.000350491	0.000330621	0.000250637	1.11317E-05	0	0	1.41287E-08	1.41287E-08	0.01412869
578585.014141516.41	578585.01	4141516	0.000810027	0.000716281	0.000844564	0.00040495	0.000381993	0.000289582	1.28613E-05	0	0	1.63207E-08	1.63207E-08	0.016320672
578605.014141516.41	578605.01	4141516	0.000947569	0.000840563	0.000991105	0.000475214	0.000448273	0.000339827	1.50929E-05	0	0	1.91459E-08	1.91459E-08	0.019145876
578625.014141516.41	578625.01	4141516	0.001129117	0.001006582	0.001186857	0.000569072	0.000536811	0.000406946	1.80739E-05	0	0	2.2915E-08	2.2915E-08	0.02291503
578645.014141516.41	578645.01	4141516	0.001379332	0.001237664	0.001459325	0.000699715	0.000660047	0.000500369	2.22231E-05	0	0	2.81559E-08	2.81559E-08	0.028155872
579085.014141516.41	579085.01	4141516	0.015134374	0.016928975	0.01996089	0.009570818	0.00902823	0.006844135	0.000303971	0	0	3.76915E-07	3.76915E-07	0.376914708
579105.014141516.41	579105.01	4141516	0.011945339	0.013071637	0.015412717	0.007390067	0.006971109	0.00528467	0.00023471	0	0	2.91603E-07	2.91603E-07	0.291603417
579125.014141516.41	579125.01	4141516	0.009671473	0.010398441	0.012260762	0.005878772	0.005545493	0.004203936	0.000186711	0	0	2.32341E-07	2.32341E-07	0.232341051
579145.014141516.41	579145.01	4141516	0.008022218	0.008509073	0.010033015	0.004810615	0.004537892	0.003440092	0.000152786	0	0	1.90363E-07	1.90363E-07	0.190362824
579165.014141516.41	579165.01	4141516	0.006784451	0.007122289	0.008397864	0.004026595	0.00379832	0.002879436	0.000127886	0	0	1.59491E-07	1.59491E-07	0.159491234
578385.014141536.41	578385.01	4141536	0.000285762	0.000255335	0.000301064	0.000144354	0.00013617	0.000103228	4.58471E-06	0	0	5.8113E-09	5.8113E-09	0.005811297
578405.014141536.41	578405.01	4141536	0.000309906	0.000276276	0.000325755	0.000156193	0.000147338	0.000111694	4.96072E-06	0	0	6.28946E-09	6.28946E-09	0.006289462
578425.014141536.41	578425.01	4141536	0.000337971	0.000300479	0.000354294	0.000169876	0.000160246	0.000121479	5.39532E-06	0	0	6.84248E-09	6.84248E-09	0.006842482
578445.014141536.41	578445.01	4141536	0.000370319	0.000328433	0.000387254	0.00018568	0.000175154	0.000132781	5.89725E-06	0	0	7.48103E-09	7.48103E-09	0.007481034
578465.014141536.41	578465.01	4141536	0.000406897	0.000359942	0.000424407	0.000203494	0.000191957	0.000145519	6.46301E-06	0	0	8.20105E-09	8.20105E-09	0.008201053
578485.014141536.41	578485.01	4141536	0.000450027	0.000397198	0.000468334	0.000224556	0.000211826	0.000160581	7.13196E-06	0	0	9.05213E-09	9.05213E-09	0.009052127
578505.014141536.41	578505.01	4141536	0.000499451	0.00043981	0.000518579	0.000248647	0.000234551	0.000177809	7.8971E-06	0	0	1.00258E-08	1.00258E-08	0.010025781
578525.014141536.41	578525.01	4141536	0.000568221	0.000498981	0.000588347	0.0002821	0.000266107	0.000201731	8.95955E-06	0	0	1.13781E-08	1.13781E-08	0.011378081
578545.014141536.41	578545.01	4141536	0.000630801	0.000553428	0.000652544	0.000312881	0.000295143	0.000223743	9.93718E-06	0	0	1.26209E-08	1.26209E-08	0.012620879
578565.014141536.41	578565.01	4141536	0.000720156	0.000631056	0.000744075	0.000356768	0.000336542	0.000255126	1.1331E-05	0	0	1.43931E-08	1.43931E-08	0.014393101
578585.014141536.41	578585.01	4141536	0.000828703	0.000726021	0.000856048	0.000410457	0.000387187	0.000293519	1.30362E-05	0	0	1.65594E-08	1.65594E-08	0.016559445
578605.014141536.41	578605.01	4141536	0.000963974	0.000845531	0.000996962	0.000478022	0.000450922	0.000341836	1.51821E-05	0	0	1.92828E-08	1.92828E-08	0.01928278
578625.014141536.41	578625.01	4141536	0.001142376	0.001004634	0.00118456	0.000567971	0.000535772	0.000406159	1.80389E-05	0	0	2.29046E-08	2.29046E-08	0.022904639
578645.014141536.41	578645.01	4141536	0.001378816	0.001218573	0.001436815	0.000688922	0.000649866	0.000492651	2.18803E-05	0	0	2.77672E-08	2.77672E-08	0.027767223
578665.014141536.41	578665.01	4141536	0.001705644	0.001518809	0.001790822	0.000858661	0.000809982	0.000614032	2.72713E-05	0	0	3.45803E-08	3.45803E-08	0.034580261
579105.014141536.41	579105.01	4141536	0.011216051	0.012247193	0.014440619	0.006923967	0.006531433	0.004951359	0.000219907	0	0	2.73265E-07	2.73265E-07	0.273264672
579125.014141536.41	579125.01	4141536	0.009154997	0.009846425	0.011609883	0.005566689	0.005251103	0.003980764	0.000176799	0	0	2.2E-07	2.2E-07	0.220000199
579185.014141536.41	579185.01	4141536	0.005565566	0.005828523	0.006872389	0.003295163	0.003108354	0.002356386	0.000104655	0	0	1.30549E-07	1.30549E-07	0.130549306
578385.014141556.41	578385.01	4141556	0.000293087	0.000262055	0.000308988	0.000148153	0.000139754	0.000105945	4.70538E-06	0	0	5.96383E-09	5.96383E-09	0.005963825
578405.014141556.41	578405.01	4141556	0.000318006	0.000283678	0.000334484	0.000160378	0.000151286	0.000114687	5.09363E-06	0	0	6.45753E-09	6.45753E-09	0.006457532
578425.014141556.41	578425.01	4141556	0.000346536	0.00030832	0.000363539	0.000174309	0.000164427	0.000124649	5.5361E-06	0	0	7.02047E-09	7.02047E-09	0.007020469
578445.014141556.41	578445.01	4141556	0.000379812	0.000337005	0.000397361	0.000190526	0.000179725	0.000136246	6.05115E-06	0	0	7.67589E-09	7.67589E-09	0.007675892
578465.014141556.41	578465.01	4141556	0.000418556	0.000370267	0.00043658	0.000209331	0.000197463	0.000149693	6.6484E-06	0	0	8.43626E-09	8.43626E-09	0.008436262
578485.014141556.41	578485.01	4141556	0.000462924	0.000408301	0.000481427	0.000230834	0.000217747	0.00016507	7.33134E-06	0	0	9.30588E-09	9.30588E-09	0.009305876
578505.014141556.41	578505.01	4141556	0.000514567	0.000452521	0.000533566	0.000255833	0.00024133	0.000182948	8.12533E-06	0	0	1.0317E-08	1.0317E-08	0.01031703
578525.014141556.41	578525.01	4141556	0.00058246	0.000510426	0.000601841	0.00028857	0.00027221	0.000206358	9.16504E-06	0	0	1.16417E-08	1.16417E-08	0.011641699
578545.014141556.41	578545.01	4141556	0.000649013	0.000567453	0.000669082	0.00032081	0.000302623	0.000229413	1.0189E-05	0	0	1.29456E-08	1.29456E-08	0.012945625
578565.014141556.41	578565.01	4141556	0.000739606	0.000644886	0.000760383	0.000364587	0.000343918	0.000260718	1.15794E-05	0	0	1.47166E-08	1.47166E-08	0.014716615
578585.014141556.41	578585.01	4141556	0.000850062	0.000739608	0.000872069	0.000418138	0.000394433	0.000299013	1.32802E-05	0	0	1.68822E-08	1.68822E-08	0.016882213
578605.014141556.41	578605.01	4141556	0.00098977	0.000859849	0.001013844	0.000486117	0.000458558	0.000347624	1.54392E-05	0	0	1.96301E-08	1.96301E-08	0.019630131
578625.014141556.41	578625.01	4141556	0.001166623	0.001013351	0.001194839	0.000572899	0.000540421	0.000409683	1.81954E-05	0	0	2.31349E-08	2.31349E-08	0.023134903
578645.014141556.41	578645.01	4141556	0.001398214	0.001216577	0.001434461	0.000687793	0.000648801	0.000491844	2.18445E-05	0	0	2.77693E-08	2.77693E-08	0.027769342
578665.014141556.41	578665.01	4141556	0.001709823	0.001494167	0.001761767	0.000844729	0.00079684	0.00060407	2.68288E-05	0	0	3.40892E-08	3.40892E-08	0.034089238
578685.014141556.41	578685.01	4141556	0.00215077	0.001894433	0.002233719	0.00107102	0.001010302	0.000765891	3.40159E-05	0	0	4.31837E-08	4.31837E-08	0.043183681
579165.014141556.41	579165.01	4141556	0.006133633	0.006521866	0.007689907	0.003687145	0.003478114	0.002636694	0.000117105	0	0	1.45872E-07	1.45872E-07	0.145872385
579185.014141556.41	579185.01	4141556	0.005281249	0.005580688	0.006580168	0.003155049	0.002976183	0.00225619	0.000100205	0	0	1.24893E-07	1.24893E-07	0.124893423
579205.014141556.41	579205.01	4141556	0.004595194	0.004831437	0.005696729	0.002731459	0.002576608	0.001953279	8.67518E-05	0	0	1.08176E-07	1.08176E-07	0.108176066
578385.014141576.41	578385.01	4141576	0.000300671	0.000268873	0.000317027	0.000152008	0.00014339	0.000108701	4.8278E-06	0	0	6.1189E-09	6.1189E-09	0.006118898
578405.014141576.41	578405.01	4141576	0.000326364	0.000291129	0.000343269	0.00016459	0.000155259	0.000117699	5.22742E-06	0	0	6.62716E-09	6.62716E-09	0.006627157
578425.014141576.41	578425.01	4141576	0.000356028	0.000316697	0.000373416	0.000179045	0.000168894	0.000128036	5.68651E-06	0	0	7.21137E-09	7.21137E-09	0.007211372
578445.014141576.41	578445.01	4141576	0.000390336	0.000346258	0.000408271	0.000195757	0.000184659	0.000139987	6.21729E-06	0	0	7.88686E-09	7.88686E-09	0.007886857
578465.014141576.41	578465.01	4141576	0.000429545	0.000379861	0.000447892	0.000214755	0.00020258	0.000153572	6.82066E-06	0	0	8.65517E-09	8.65517E-09	0.008655169
578485.014141576.41	578485.01	4141576	0.000475616	0.00041921	0.000494289	0.000237001	0.000223565	0.000169481	7.52721E-06	0	0	9.55522E-09	9.55522E-09	0.009555217
578505.014141576.41	578505.01	4141576	0.000530612	0.00046606	0.000549529	0.000263487	0.00024855	0.000188421	8.36843E-06	0	0	1.06271E-08	1.06271E-08	0.010627126

578525.014141576.41	578525.01	4141576	0.000600362	0.000525084	0.000619125	0.000296857	0.000280028	0.000212284	9.42825E-06	0	0	1.19786E-08	1.19786E-08	0.011978615
578545.014141576.41	578545.01	4141576	0.000672641	0.000586398	0.000691419	0.000331521	0.000312726	0.000237072	1.05292E-05	0	0	1.33821E-08	1.33821E-08	0.013382124
578565.014141576.41	578565.01	4141576	0.000765401	0.000664707	0.000783754	0.000375793	0.000354489	0.000268731	1.19353E-05	0	0	1.51757E-08	1.51757E-08	0.015175672
578585.014141576.41	578585.01	4141576	0.000878953	0.000760403	0.000896588	0.000429895	0.000405523	0.00030742	1.36536E-05	0	0	1.73678E-08	1.73678E-08	0.017367848
578605.014141576.41	578605.01	4141576	0.001020828	0.000880059	0.001037674	0.000497543	0.000469336	0.000355795	1.58021E-05	0	0	2.01087E-08	2.01087E-08	0.020108667
578625.014141576.41	578625.01	4141576	0.001201963	0.001032977	0.00121798	0.000583995	0.000550887	0.000417617	1.85478E-05	0	0	2.3611E-08	2.3611E-08	0.023610991
578645.014141576.41	578645.01	4141576	0.001440932	0.001235716	0.001457028	0.000698614	0.000659008	0.000499582	2.21881E-05	0	0	2.82518E-08	2.82518E-08	0.028251764
578665.014141576.41	578665.01	4141576	0.001752747	0.001502592	0.001771701	0.000849492	0.000801333	0.000607476	2.69801E-05	0	0	3.43546E-08	3.43546E-08	0.034354632
578685.014141576.41	578685.01	4141576	0.002181002	0.00187432	0.002210003	0.001059649	0.000999576	0.00075776	3.36547E-05	0	0	4.28419E-08	4.28419E-08	0.042841876
578705.014141576.41	578705.01	4141576	0.002806489	0.002428283	0.00286318	0.001372833	0.001295005	0.000981719	4.36015E-05	0	0	5.54619E-08	5.54619E-08	0.055461946
579145.014141576.41	579145.01	4141576	0.006739206	0.00730696	0.008615608	0.004130999	0.003896805	0.002954096	0.000131202	0	0	1.6314E-07	1.6314E-07	0.163140372
579165.014141576.41	579165.01	4141576	0.005740304	0.006174975	0.00728089	0.00349103	0.003293117	0.002496451	0.000110876	0	0	1.37966E-07	1.37966E-07	0.137966098
579185.014141576.41	579185.01	4141576	0.004950088	0.005293114	0.006241091	0.002992469	0.00282282	0.002139928	9.50415E-05	0	0	1.18328E-07	1.18328E-07	0.118327882
579205.014141576.41	579205.01	4141576	0.004311754	0.004584674	0.005405772	0.002591951	0.002445009	0.001853516	8.2321E-05	0	0	1.02544E-07	1.02544E-07	0.10254386
579225.014141576.41	579225.01	4141576	0.003789191	0.004008942	0.004726928	0.00226646	0.00213797	0.001620756	7.19833E-05	0	0	8.97082E-08	8.97082E-08	0.089708195
579245.014141576.41	579245.01	4141576	0.00335557	0.003530804	0.004163158	0.001996145	0.001882979	0.001427452	6.3398E-05	0	0	7.90492E-08	7.90492E-08	0.079049154
579265.014141576.41	579265.01	4141576	0.002992732	0.003138769	0.00370091	0.001774507	0.001673907	0.001268958	5.63588E-05	0	0	7.02935E-08	7.02935E-08	0.070293509
578385.014141596.41	578385.01	4141596	0.000308307	0.000275399	0.000324722	0.000155697	0.00014687	0.00011134	4.94498E-06	0	0	6.26815E-09	6.26815E-09	0.006268152
578405.014141596.41	578405.01	4141596	0.000335701	0.000299018	0.000352572	0.00016905	0.000159467	0.000120889	5.36908E-06	0	0	6.80783E-09	6.80783E-09	0.006807834
578425.014141596.41	578425.01	4141596	0.00036614	0.000325268	0.000383522	0.000183891	0.000173465	0.000131501	5.84041E-06	0	0	7.40759E-09	7.40759E-09	0.00740759
578445.014141596.41	578445.01	4141596	0.000401944	0.000355949	0.000419698	0.000201236	0.000189828	0.000143905	6.39131E-06	0	0	8.1091E-09	8.1091E-09	0.008109102
578465.014141596.41	578465.01	4141596	0.000442959	0.000390964	0.000460984	0.000221032	0.000208501	0.000158061	7.02003E-06	0	0	8.91005E-09	8.91005E-09	0.008910052
578485.014141596.41	578485.01	4141596	0.00049099	0.000431824	0.000509162	0.000244132	0.000230292	0.00017458	7.75369E-06	0	0	9.84506E-09	9.84506E-09	0.009845055
578505.014141596.41	578505.01	4141596	0.000549597	0.000481352	0.00056756	0.000272133	0.000256705	0.000194603	8.643E-06	0	0	1.09793E-08	1.09793E-08	0.010979275
578525.014141596.41	578525.01	4141596	0.000621102	0.000541447	0.000638419	0.000306108	0.000288754	0.000218899	9.72207E-06	0	0	1.23564E-08	1.23564E-08	0.012356369
578545.014141596.41	578545.01	4141596	0.000699056	0.000606852	0.000715537	0.000343084	0.000323634	0.000245341	1.08964E-05	0	0	1.38554E-08	1.38554E-08	0.013855395
578565.014141596.41	578565.01	4141596	0.000798781	0.000689934	0.000813499	0.000390055	0.000367942	0.00027893	1.23882E-05	0	0	1.57611E-08	1.57611E-08	0.015761135
578585.014141596.41	578585.01	4141596	0.00091842	0.000789282	0.00093064	0.000446222	0.000420925	0.000319095	1.41721E-05	0	0	1.80408E-08	1.80408E-08	0.018040836
578605.014141596.41	578605.01	4141596	0.001066021	0.000911276	0.001074482	0.000515191	0.000485984	0.000368415	1.63626E-05	0	0	2.08417E-08	2.08417E-08	0.020841697
578625.014141596.41	578625.01	4141596	0.00125407	0.001066093	0.001257027	0.000602717	0.000568548	0.000431006	1.91424E-05	0	0	2.43978E-08	2.43978E-08	0.024397774
578645.014141596.41	578645.01	4141596	0.001498765	0.001266933	0.001493835	0.000716262	0.000675656	0.000512202	2.27487E-05	0	0	2.90126E-08	2.90126E-08	0.029012585
578665.014141596.41	578665.01	4141596	0.00182843	0.001537218	0.001812528	0.000869068	0.000819799	0.000621475	2.76018E-05	0	0	3.52239E-08	3.52239E-08	0.035223898
578685.014141596.41	578685.01	4141596	0.002276135	0.001905196	0.002246409	0.001077105	0.001016042	0.000770243	3.42091E-05	0	0	4.36778E-08	4.36778E-08	0.043677785
578705.014141596.41	578705.01	4141596	0.002895122	0.002418251	0.002851351	0.001367161	0.001289654	0.000977663	4.34214E-05	0	0	5.54532E-08	5.54532E-08	0.055453174
578725.014141596.41	578725.01	4141596	0.003859458	0.003230568	0.003809151	0.001826406	0.001722863	0.001306071	5.80071E-05	0	0	7.40626E-08	7.40626E-08	0.074062551
578745.014141596.41	578745.01	4141596	0.005473477	0.004632254	0.005461873	0.002618851	0.002470383	0.001872752	8.31753E-05	0	0	1.06064E-07	1.06064E-07	0.106063878
579105.014141596.41	579105.01	4141596	0.00884504	0.009949913	0.011731905	0.005625196	0.005306293	0.004022603	0.000178658	0	0	2.21419E-07	2.21419E-07	0.221419404
579145.014141596.41	579145.01	4141596	0.006185378	0.006803791	0.008022324	0.003846532	0.003628464	0.002750672	0.000122167	0	0	1.51709E-07	1.51709E-07	0.151708921
579165.014141596.41	579165.01	4141596	0.005286099	0.005763654	0.006795903	0.003258489	0.003073759	0.00233016	0.00010349	0	0	1.28618E-07	1.28618E-07	0.128618101
579185.014141596.41	579185.01	4141596	0.004570121	0.004946175	0.005832016	0.002796326	0.002637797	0.001999665	8.8812E-05	0	0	1.1045E-07	1.1045E-07	0.110449984
579205.014141596.41	579205.01	4141596	0.00399055	0.004291548	0.005060148	0.002426232	0.002288685	0.00173501	7.70577E-05	0	0	9.58875E-08	9.58875E-08	0.095887515
579225.014141596.41	579225.01	4141596	0.003514676	0.003757357	0.004430286	0.002124227	0.0020038	0.001519044	6.7466E-05	0	0	8.39977E-08	8.39977E-08	0.083997744
579245.014141596.41	579245.01	4141596	0.003119129	0.003315794	0.00390964	0.001874588	0.001768314	0.001340526	5.95374E-05	0	0	7.41648E-08	7.41648E-08	0.074164821
579265.014141596.41	579265.01	4141596	0.00278673	0.002950933	0.003479433	0.001668314	0.001573734	0.001193018	5.2986E-05	0	0	6.60277E-08	6.60277E-08	0.066027715
579285.014141596.41	579285.01	4141596	0.002499317	0.002628976	0.003099816	0.001486295	0.001402034	0.001062856	4.72051E-05	0	0	5.88604E-08	5.88604E-08	0.05886044
579305.014141596.41	579305.01	4141596	0.002262257	0.002370087	0.00279456	0.001339932	0.001263968	0.000958191	4.25566E-05	0	0	5.30841E-08	5.30841E-08	0.053084055
579325.014141596.41	579325.01	4141596	0.002055069	0.002145092	0.00252927	0.001212731	0.001143979	0.000867229	3.85166E-05	0	0	4.80614E-08	4.80614E-08	0.048061382
579345.014141596.41	579345.01	4141596	0.001875172	0.001955454	0.002305669	0.001105519	0.001042845	0.000790561	3.51115E-05	0	0	4.38164E-08	4.38164E-08	0.043816407
578385.014141616.41	578385.01	4141616	0.000315891	0.000281486	0.0003319	0.000159139	0.000150117	0.000113801	5.05428E-06	0	0	6.4084E-09	6.4084E-09	0.006408396
578405.014141616.41	578405.01	4141616	0.000344885	0.000306323	0.000361185	0.00017318	0.000163362	0.000123842	5.50025E-06	0	0	6.97631E-09	6.97631E-09	0.006976308
578425.014141616.41	578425.01	4141616	0.0003778	0.000334472	0.000394375	0.000189094	0.000178374	0.000135222	6.00568E-06	0	0	7.62006E-09	7.62006E-09	0.007620063
578445.014141616.41	578445.01	4141616	0.000415203	0.000366273	0.000431871	0.000207073	0.000195334	0.000148079	6.57669E-06	0	0	8.34783E-09	8.34783E-09	0.008347828
578465.014141616.41	578465.01	4141616	0.000458488	0.000402993	0.000475168	0.000227833	0.000214916	0.000162924	7.23602E-06	0	0	9.18837E-09	9.18837E-09	0.009188368
578485.014141616.41	578485.01	4141616	0.000509253	0.000445752	0.000525584	0.000252006	0.00023772	0.000180211	8.00378E-06	0	0	1.01679E-08	1.01679E-08	0.010167937

578505.014141616.41	578505.01	4141616	0.000570594	0.00049713	0.000586165	0.000281053	0.00026512	0.000200982	8.92632E-06	0	0	1.13457E-08	1.13457E-08	0.011345734
578525.014141616.41	578525.01	4141616	0.000648651	0.000561902	0.000662536	0.000317672	0.000299662	0.000227168	1.00893E-05	0	0	1.28321E-08	1.28321E-08	0.012832135
578545.014141616.41	578545.01	4141616	0.000729339	0.000628718	0.000741319	0.000355447	0.000335296	0.000254181	1.12891E-05	0	0	1.43658E-08	1.43658E-08	0.014365841
578565.014141616.41	578565.01	4141616	0.000836906	0.000716914	0.00084531	0.000405308	0.00038233	0.000289838	1.28727E-05	0	0	1.63926E-08	1.63926E-08	0.01639262
578585.014141616.41	578585.01	4141616	0.000965522	0.00082157	0.00096871	0.000464476	0.000438144	0.000332149	1.47519E-05	0	0	1.87998E-08	1.87998E-08	0.018799812
578605.014141616.41	578605.01	4141616	0.001125918	0.000950966	0.001121281	0.00053763	0.000507151	0.000384462	1.70753E-05	0	0	2.17791E-08	2.17791E-08	0.021779063
578625.014141616.41	578625.01	4141616	0.00132965	0.001113819	0.0013133	0.000629699	0.000594	0.000450301	1.99994E-05	0	0	2.55327E-08	2.55327E-08	0.025532735
578645.014141616.41	578645.01	4141616	0.001588481	0.001318701	0.001554875	0.000745529	0.000703264	0.000533131	2.36782E-05	0	0	3.02607E-08	3.02607E-08	0.030260676
578665.014141616.41	578665.01	4141616	0.001938628	0.001592785	0.001878046	0.000900483	0.000849433	0.000643939	2.85996E-05	0	0	3.65941E-08	3.65941E-08	0.036594128
578685.014141616.41	578685.01	4141616	0.002426316	0.00197021	0.002323068	0.001113861	0.001050714	0.000796527	3.53765E-05	0	0	4.53277E-08	4.53277E-08	0.045327703
578705.014141616.41	578705.01	4141616	0.003120058	0.002501431	0.002949428	0.001414187	0.001334014	0.001011292	4.49149E-05	0	0	5.76362E-08	5.76362E-08	0.057636183
578725.014141616.41	578725.01	4141616	0.004137687	0.003275178	0.00386175	0.001851626	0.001746654	0.001324106	5.88081E-05	0	0	7.55798E-08	7.55798E-08	0.075579793
578745.014141616.41	578745.01	4141616	0.005789883	0.004531932	0.005343584	0.002562134	0.002416881	0.001832193	8.1374E-05	0	0	1.04723E-07	1.04723E-07	0.104723107
579065.014141616.41	579065.01	4141616	0.011951065	0.014184239	0.016724582	0.008019078	0.007564461	0.005734478	0.000254688	0	0	3.14201E-07	3.14201E-07	0.314200621
579085.014141616.41	579085.01	4141616	0.009580054	0.011138049	0.013132831	0.00629691	0.005939926	0.004502949	0.000199991	0	0	2.47153E-07	2.47153E-07	0.247153296
579105.014141616.41	579105.01	4141616	0.007855373	0.008985749	0.010595062	0.005080105	0.004792104	0.003632806	0.000161345	0	0	1.99672E-07	1.99672E-07	0.199672007
579125.014141616.41	579125.01	4141616	0.006561011	0.007410691	0.008737917	0.004189644	0.003952125	0.002996033	0.000133064	0	0	1.64854E-07	1.64854E-07	0.164854218
579165.014141616.41	579165.01	4141616	0.004779735	0.005281134	0.006226965	0.002985696	0.002816431	0.002135084	9.48264E-05	0	0	1.1771E-07	1.1771E-07	0.117710154
579185.014141616.41	579185.01	4141616	0.004150482	0.00455	0.005364887	0.002572348	0.002426517	0.001839498	8.16984E-05	0	0	1.01485E-07	1.01485E-07	0.101485427
579205.014141616.41	579205.01	4141616	0.003638494	0.003958001	0.004666864	0.002237661	0.002110804	0.001600162	7.10687E-05	0	0	8.83428E-08	8.83428E-08	0.088342836
579225.014141616.41	579225.01	4141616	0.003216688	0.003471926	0.004093735	0.001962858	0.00185158	0.001403648	6.23408E-05	0	0	7.75486E-08	7.75486E-08	0.077548635
579245.014141616.41	579245.01	4141616	0.002864064	0.003070783	0.003620749	0.001736071	0.00163765	0.001241472	5.5138E-05	0	0	6.86306E-08	6.86306E-08	0.068630589
579265.014141616.41	579265.01	4141616	0.002566592	0.002736409	0.003226489	0.001547032	0.001459328	0.00110629	4.91341E-05	0	0	6.11891E-08	6.11891E-08	0.061189112
579285.014141616.41	579285.01	4141616	0.002304201	0.002439874	0.002876846	0.001379386	0.001301186	0.000986405	4.38096E-05	0	0	5.45929E-08	5.45929E-08	0.054592877
579305.014141616.41	579305.01	4141616	0.002090099	0.002203045	0.002597602	0.001245495	0.001174885	0.000890659	3.95572E-05	0	0	4.93148E-08	4.93148E-08	0.049314785
579325.014141616.41	579325.01	4141616	0.001905713	0.002000307	0.002358554	0.001130876	0.001066765	0.000808695	3.59169E-05	0	0	4.4794E-08	4.4794E-08	0.04479402
579345.014141616.41	579345.01	4141616	0.001744079	0.00182825	0.002155682	0.001033603	0.000975006	0.000739134	3.28275E-05	0	0	4.09461E-08	4.09461E-08	0.040946068
578385.014141636.41	578385.01	4141636	0.000324713	0.00028811	0.000339709	0.000162883	0.000153649	0.000116478	5.17321E-06	0	0	6.56224E-09	6.56224E-09	0.006562236
578405.014141636.41	578405.01	4141636	0.000354945	0.000313872	0.000370085	0.000177448	0.000167388	0.000126894	5.63579E-06	0	0	7.15165E-09	7.15165E-09	0.007151653
578425.014141636.41	578425.01	4141636	0.000389665	0.000343238	0.000404711	0.00019405	0.000183049	0.000138766	6.16308E-06	0	0	7.82409E-09	7.82409E-09	0.007824092
578445.014141636.41	578445.01	4141636	0.000429855	0.000377085	0.000444619	0.000213185	0.000201099	0.00015245	6.77082E-06	0	0	8.5995E-09	8.5995E-09	0.008599502
578465.014141636.41	578465.01	4141636	0.000476544	0.000416142	0.000490672	0.000235267	0.000221929	0.00016824	7.47212E-06	0	0	9.49498E-09	9.49498E-09	0.009494979
578485.014141636.41	578485.01	4141636	0.000530147	0.000460751	0.00054327	0.000260486	0.000245719	0.000186275	8.27311E-06	0	0	1.05184E-08	1.05184E-08	0.010518352
578505.014141636.41	578505.01	4141636	0.000595049	0.000514273	0.000606377	0.000290745	0.000274262	0.000207913	9.23413E-06	0	0	1.17475E-08	1.17475E-08	0.011747472
578525.014141636.41	578525.01	4141636	0.000674189	0.000578947	0.000682634	0.000327308	0.000308752	0.00023406	1.03954E-05	0	0	1.32343E-08	1.32343E-08	0.013234278
578545.014141636.41	578545.01	4141636	0.000765556	0.000653019	0.000769973	0.000369185	0.000348255	0.000264006	1.17254E-05	0	0	1.49388E-08	1.49388E-08	0.014938759
578565.014141636.41	578565.01	4141636	0.000880449	0.00074516	0.000878615	0.000421277	0.000397394	0.000301257	1.33799E-05	0	0	1.70617E-08	1.70617E-08	0.017061718
578585.014141636.41	578585.01	4141636	0.001025213	0.0008598	0.001013787	0.000486089	0.000458532	0.000347604	1.54383E-05	0	0	1.97071E-08	1.97071E-08	0.019707068
578605.014141636.41	578605.01	4141636	0.001203201	0.000998985	0.001177899	0.000564777	0.000532759	0.000403875	1.79375E-05	0	0	2.29237E-08	2.29237E-08	0.022923699
578625.014141636.41	578625.01	4141636	0.001426693	0.001171139	0.001380886	0.000662105	0.000624569	0.000473474	2.10286E-05	0	0	2.69096E-08	2.69096E-08	0.026909629
578645.014141636.41	578645.01	4141636	0.00172107	0.001393894	0.001643535	0.00078804	0.000743364	0.000563531	2.50283E-05	0	0	3.20785E-08	3.20785E-08	0.032078523
578665.014141636.41	578665.01	4141636	0.002113366	0.001684682	0.001986402	0.000952437	0.000898442	0.000681092	3.02496E-05	0	0	3.88437E-08	3.88437E-08	0.038843722
578685.014141636.41	578685.01	4141636	0.00267096	0.002088308	0.002462316	0.001180628	0.001113696	0.000844272	3.7497E-05	0	0	4.82628E-08	4.82628E-08	0.048262839
578705.014141636.41	578705.01	4141636	0.00347944	0.002657417	0.00313335	0.001502374	0.001417202	0.001074355	4.77158E-05	0	0	6.15927E-08	6.15927E-08	0.061592684
578725.014141636.41	578725.01	4141636	0.004657258	0.003461358	0.004081274	0.001956883	0.001845944	0.001399376	6.21511E-05	0	0	8.05014E-08	8.05014E-08	0.080501398
579045.014141636.41	579045.01	4141636	0.012599046	0.015579886	0.018370184	0.008808109	0.00830876	0.006298718	0.000279748	0	0	3.43955E-07	3.43955E-07	0.343955407
579065.014141636.41	579065.01	4141636	0.010022291	0.012074697	0.01423723	0.006826446	0.006439441	0.004881622	0.00021681	0	0	2.67139E-07	2.67139E-07	0.267138561
579085.014141636.41	579085.01	4141636	0.008166724	0.009641398	0.011368136	0.005450777	0.005141762	0.003897875	0.000173118	0	0	2.13666E-07	2.13666E-07	0.213665519
579105.014141636.41	579105.01	4141636	0.006783471	0.007874413	0.00928469	0.00445181	0.004199428	0.003183509	0.000141391	0	0	1.74756E-07	1.74756E-07	0.17475638
579125.014141636.41	579125.01	4141636	0.005726581	0.006546313	0.007718733	0.003700967	0.003491152	0.002646578	0.000117544	0	0	1.45474E-07	1.45474E-07	0.145473686
579165.014141636.41	579165.01	4141636	0.004239734	0.004741147	0.005590269	0.002680414	0.002528456	0.001916776	8.51306E-05	0	0	1.05562E-07	1.05562E-07	0.105561752
579185.014141636.41	579185.01	4141636	0.003708555	0.004099962	0.00483425	0.002317919	0.002186512	0.001657554	7.36177E-05	0	0	9.13785E-08	9.13785E-08	0.091378522
579205.014141636.41	579205.01	4141636	0.003270239	0.003583157	0.004224887	0.002025742	0.001910899	0.001448617	6.43381E-05	0	0	7.99242E-08	7.99242E-08	0.079924242
579225.014141636.41	579225.01	4141636	0.002905698	0.003157372	0.003722846	0.001785024	0.001683828	0.001276479	5.66928E-05	0	0	7.04798E-08	7.04798E-08	0.070479783

579245.014141636.41	579245.01	4141636	0.002599094	0.002804881	0.003307225	0.001585743	0.001495844	0.001133972	5.03636E-05	0	0	6.26505E-08	6.26505E-08	0.062650486
579265.014141636.41	579265.01	4141636	0.002338818	0.002504986	0.002953619	0.001416197	0.00133591	0.001012729	4.49788E-05	0	0	5.59907E-08	5.59907E-08	0.055990691
579285.014141636.41	579285.01	4141636	0.002110993	0.002247996	0.002650603	0.001270907	0.001198857	0.000908831	4.03643E-05	0	0	5.02732E-08	5.02732E-08	0.050273164
579305.014141636.41	579305.01	4141636	0.001920004	0.0020343	0.002398635	0.001150094	0.001084893	0.000822437	3.65273E-05	0	0	4.55155E-08	4.55155E-08	0.045515454
579325.014141636.41	579325.01	4141636	0.001753778	0.001849629	0.00218089	0.00104569	0.000986408	0.000747778	3.32114E-05	0	0	4.14014E-08	4.14014E-08	0.04140137
579345.014141636.41	579345.01	4141636	0.001609685	0.001690428	0.001993178	0.000955686	0.000901506	0.000683415	3.03528E-05	0	0	3.7853E-08	3.7853E-08	0.037852964
578385.014141656.41	578385.01	4141656	0.000335392	0.00029595	0.000348954	0.000167316	0.00015783	0.000119648	5.31399E-06	0	0	6.74487E-09	6.74487E-09	0.006744874
578405.014141656.41	578405.01	4141656	0.00036743	0.000322882	0.000380708	0.000182541	0.000172193	0.000130536	5.79756E-06	0	0	7.36199E-09	7.36199E-09	0.007361987
578425.014141656.41	578425.01	4141656	0.00040344	0.000352978	0.000416195	0.000199557	0.000188243	0.000142704	6.33797E-06	0	0	8.05209E-09	8.05209E-09	0.008052089
578445.014141656.41	578445.01	4141656	0.000446003	0.000388286	0.000457826	0.000219518	0.000207073	0.000156978	6.97194E-06	0	0	8.86237E-09	8.86237E-09	0.008862373
578465.014141656.41	578465.01	4141656	0.000497387	0.000430606	0.000507726	0.000243444	0.000229642	0.000174088	7.73183E-06	0	0	9.83441E-09	9.83441E-09	0.009834406
578485.014141656.41	578485.01	4141656	0.000555736	0.000478235	0.000563885	0.000270371	0.000255043	0.000193343	8.58704E-06	0	0	1.09295E-08	1.09295E-08	0.010929505
578505.014141656.41	578505.01	4141656	0.000629047	0.000537503	0.000633767	0.000303878	0.00028665	0.000217304	9.65124E-06	0	0	1.22938E-08	1.22938E-08	0.012293764
578525.014141656.41	578525.01	4141656	0.000710818	0.000603004	0.000711	0.000340909	0.000321582	0.000243786	1.08274E-05	0	0	1.38032E-08	1.38032E-08	0.013803161
578545.014141656.41	578545.01	4141656	0.000811936	0.000682921	0.00080523	0.00038609	0.000364202	0.000276095	1.22623E-05	0	0	1.56477E-08	1.56477E-08	0.015647706
578565.014141656.41	578565.01	4141656	0.000938334	0.00078149	0.000921452	0.000441816	0.000416769	0.000315945	1.40322E-05	0	0	1.79265E-08	1.79265E-08	0.017926451
578585.014141656.41	578585.01	4141656	0.001096821	0.000903192	0.00106495	0.000510621	0.000481672	0.000365147	1.62174E-05	0	0	2.07453E-08	2.07453E-08	0.020745313
578605.014141656.41	578605.01	4141656	0.001298335	0.001055233	0.001244222	0.000596578	0.000562756	0.000426615	1.89474E-05	0	0	2.42746E-08	2.42746E-08	0.024274648
578625.014141656.41	578625.01	4141656	0.001563563	0.001251202	0.001475288	0.000707369	0.000667267	0.000505843	2.24662E-05	0	0	2.88357E-08	2.88357E-08	0.028835747
578645.014141656.41	578645.01	4141656	0.001904424	0.001497089	0.001765212	0.000846381	0.000798398	0.000605251	2.68813E-05	0	0	3.45764E-08	3.45764E-08	0.034576406
578665.014141656.41	578665.01	4141656	0.002367503	0.001822016	0.002148332	0.001030079	0.000971682	0.000736614	3.27156E-05	0	0	4.21902E-08	4.21902E-08	0.04219021
578685.014141656.41	578685.01	4141656	0.003052319	0.002288271	0.002698091	0.001293677	0.001220336	0.000925114	4.10875E-05	0	0	5.31603E-08	5.31603E-08	0.053160329
578705.014141656.41	578705.01	4141656	0.003998598	0.002910268	0.003431486	0.001645324	0.001552047	0.001176578	5.22559E-05	0	0	6.78667E-08	6.78667E-08	0.067866718
578725.014141656.41	578725.01	4141656	0.005468008	0.003844335	0.004532841	0.0021734	0.002050186	0.001554208	6.90277E-05	0	0	9.0058E-08	9.0058E-08	0.090057962
579005.014141656.41	579005.01	4141656	0.015832036	0.020886782	0.024627525	0.011808369	0.01113893	0.008444218	0.000375037	0	0	4.58788E-07	4.58788E-07	0.458787792
579025.014141656.41	579025.01	4141656	0.012360026	0.015798598	0.018628066	0.008931758	0.008425399	0.00638714	0.000283675	0	0	3.4787E-07	3.4787E-07	0.347869508
579045.014141656.41	579045.01	4141656	0.00990162	0.012307192	0.014511363	0.006957887	0.006563431	0.004975616	0.000220984	0	0	2.71593E-07	2.71593E-07	0.27159263
579065.014141656.41	579065.01	4141656	0.008103835	0.009846182	0.011609596	0.005566552	0.005250973	0.003980666	0.000176795	0	0	2.17684E-07	2.17684E-07	0.217684138
579085.014141656.41	579085.01	4141656	0.006746841	0.008038776	0.00947849	0.004544732	0.004287083	0.003249958	0.000144342	0	0	1.78012E-07	1.78012E-07	0.178012232
579105.014141656.41	579105.01	4141656	0.00570383	0.006681894	0.007878596	0.003777618	0.003563457	0.002701391	0.000119978	0	0	1.48176E-07	1.48176E-07	0.148175811
579125.014141656.41	579125.01	4141656	0.004883432	0.005640833	0.006651084	0.003189052	0.003008258	0.002280505	0.000101285	0	0	1.2524E-07	1.2524E-07	0.125239641
579145.014141656.41	579145.01	4141656	0.004229054	0.004819506	0.005682661	0.002724714	0.002570245	0.001948455	8.65376E-05	0	0	1.07129E-07	1.07129E-07	0.107128863
579185.014141656.41	579185.01	4141656	0.00326281	0.003630786	0.004281046	0.002052669	0.0019363	0.001467873	6.51933E-05	0	0	8.08747E-08	8.08747E-08	0.080874719
579205.014141656.41	579205.01	4141656	0.002898991	0.00319604	0.003768439	0.001806885	0.00170445	0.001292112	5.73871E-05	0	0	7.125E-08	7.125E-08	0.071249953
579225.014141656.41	579225.01	4141656	0.002593006	0.002834637	0.003342309	0.001602566	0.001511713	0.001146002	5.08979E-05	0	0	6.32411E-08	6.32411E-08	0.063241111
579245.014141656.41	579245.01	4141656	0.002332782	0.002533962	0.002987786	0.001432579	0.001351363	0.001024444	4.54991E-05	0	0	5.65656E-08	5.65656E-08	0.056565613
579265.014141656.41	579265.01	4141656	0.002108465	0.002268888	0.002675237	0.001282719	0.001209999	0.000917278	4.07395E-05	0	0	5.06917E-08	5.06917E-08	0.050691698
579285.014141656.41	579285.01	4141656	0.001914793	0.002048325	0.002415173	0.001158023	0.001092373	0.000828108	3.67791E-05	0	0	4.57887E-08	4.57887E-08	0.045788702
579305.014141656.41	579305.01	4141656	0.001750528	0.001862486	0.00219605	0.001052959	0.000993264	0.000752976	3.34422E-05	0	0	4.16552E-08	4.16552E-08	0.041655204
579325.014141656.41	579325.01	4141656	0.00160205	0.001696175	0.001999954	0.000958935	0.000904571	0.000685739	3.0456E-05	0	0	3.79528E-08	3.79528E-08	0.037952827
579345.014141656.41	579345.01	4141656	0.001473434	0.001552997	0.001831133	0.000877989	0.000828214	0.000627854	2.78851E-05	0	0	3.47637E-08	3.47637E-08	0.034763685
578385.014141676.41	578385.01	4141676	0.000348186	0.000305106	0.000359749	0.000172492	0.000162713	0.00012335	5.47839E-06	0	0	6.95885E-09	6.95885E-09	0.006958854
578405.014141676.41	578405.01	4141676	0.000381617	0.000332816	0.000392422	0.000188158	0.000177491	0.000134553	5.97595E-06	0	0	7.59485E-09	7.59485E-09	0.007594846
578425.014141676.41	578425.01	4141676	0.000420207	0.000364569	0.000429862	0.000206109	0.000194425	0.00014739	6.54609E-06	0	0	8.32423E-09	8.32423E-09	0.008324231
578445.014141676.41	578445.01	4141676	0.000466175	0.000402117	0.000474134	0.000227337	0.000214449	0.00016257	7.22028E-06	0	0	9.18747E-09	9.18747E-09	0.009187475
578465.014141676.41	578465.01	4141676	0.000522151	0.000447359	0.000527479	0.000252915	0.000238577	0.000180861	8.03264E-06	0	0	1.02289E-08	1.02289E-08	0.010228917
578485.014141676.41	578485.01	4141676	0.000586278	0.000498689	0.000588002	0.000281934	0.000265951	0.000201613	8.9543E-06	0	0	1.14118E-08	1.14118E-08	0.01141185
578505.014141676.41	578505.01	4141676	0.000667637	0.00056307	0.000663914	0.000318333	0.000300286	0.000227641	1.01103E-05	0	0	1.28976E-08	1.28976E-08	0.012897602
578525.014141676.41	578525.01	4141676	0.000759468	0.000634806	0.000748497	0.000358888	0.000338542	0.000256643	1.13984E-05	0	0	1.45557E-08	1.45557E-08	0.014555653
578545.014141676.41	578545.01	4141676	0.000873381	0.000722514	0.000851914	0.000408474	0.000385317	0.000292102	1.29732E-05	0	0	1.65865E-08	1.65865E-08	0.016586499
578565.014141676.41	578565.01	4141676	0.00101572	0.000830385	0.000979104	0.000469459	0.000442845	0.000335712	1.49101E-05	0	0	1.90891E-08	1.90891E-08	0.019089107
578585.014141676.41	578585.01	4141676	0.001196443	0.000964846	0.001137646	0.000545477	0.000514553	0.000390073	1.73245E-05	0	0	2.22159E-08	2.22159E-08	0.02221586
578605.014141676.41	578605.01	4141676	0.001426796	0.001132813	0.001335695	0.000640437	0.000604129	0.000457979	2.03404E-05	0	0	2.61319E-08	2.61319E-08	0.02613186
578625.014141676.41	578625.01	4141676	0.00173371	0.001351865	0.001593979	0.000764279	0.00072095	0.000546539	2.42737E-05	0	0	3.12532E-08	3.12532E-08	0.031253187

578645.014141676.41	578645.01	4141676	0.002152782	0.001643628	0.001937995	0.000929227	0.000876547	0.000664494	2.95125E-05	0	0	3.8097E-08	3.8097E-08	0.038097027
578665.014141676.41	578665.01	4141676	0.002730031	0.002035371	0.002399898	0.0011507	0.001085464	0.00082287	3.65465E-05	0	0	4.73182E-08	4.73182E-08	0.047318152
578685.014141676.41	578685.01	4141676	0.003524272	0.002560991	0.003019655	0.00144786	0.001365778	0.001035371	4.59844E-05	0	0	5.97339E-08	5.97339E-08	0.059733907
578705.014141676.41	578705.01	4141676	0.004705547	0.003328163	0.003924225	0.001881582	0.001774911	0.001345527	5.97595E-05	0	0	7.79039E-08	7.79039E-08	0.077903859
578985.014141676.41	578985.01	4141676	0.013872256	0.018518594	0.021835204	0.010469512	0.009875974	0.007486794	0.000332514	0	0	4.06407E-07	4.06407E-07	0.406407325
579005.014141676.41	579005.01	4141676	0.011098217	0.014399298	0.016978158	0.008140662	0.007679152	0.005821424	0.000258549	0	0	3.16691E-07	3.16691E-07	0.316691
579025.014141676.41	579025.01	4141676	0.009084989	0.011501985	0.013561946	0.006502662	0.006134013	0.004650083	0.000206526	0	0	2.53452E-07	2.53452E-07	0.253452331
579045.014141676.41	579045.01	4141676	0.007554289	0.009373548	0.011052314	0.005299347	0.004998917	0.003789587	0.000168309	0	0	2.06882E-07	2.06882E-07	0.206881929
579065.014141676.41	579065.01	4141676	0.006370744	0.007744384	0.009131374	0.004378298	0.004130083	0.00313094	0.000139056	0	0	1.71209E-07	1.71209E-07	0.171209496
579085.014141676.41	579085.01	4141676	0.005438756	0.006500097	0.007664239	0.003674838	0.003466504	0.002627893	0.000116714	0	0	1.43903E-07	1.43903E-07	0.143902723
579105.014141676.41	579105.01	4141676	0.004692649	0.005516258	0.006504199	0.003118624	0.002941823	0.002230142	9.90482E-05	0	0	1.22291E-07	1.22291E-07	0.122291447
579125.014141676.41	579125.01	4141676	0.004088005	0.004731651	0.005579072	0.002675045	0.002523391	0.001912937	8.49601E-05	0	0	1.05035E-07	1.05035E-07	0.105035388
579145.014141676.41	579145.01	4141676	0.003591134	0.004102933	0.004837753	0.002319598	0.002188096	0.001658755	7.3671E-05	0	0	9.11807E-08	9.11807E-08	0.091180659
579165.014141676.41	579165.01	4141676	0.003176963	0.003593092	0.004236601	0.002031359	0.001916197	0.001452634	6.45165E-05	0	0	7.99208E-08	7.99208E-08	0.079920829
579185.014141676.41	579185.01	4141676	0.002831046	0.003168232	0.003735651	0.001791164	0.00168962	0.00128087	5.68878E-05	0	0	7.05361E-08	7.05361E-08	0.0705361
579205.014141676.41	579205.01	4141676	0.002538991	0.00281316	0.003316986	0.001590424	0.001500259	0.001137319	5.05122E-05	0	0	6.26864E-08	6.26864E-08	0.062686396
579225.014141676.41	579225.01	4141676	0.002289085	0.002513606	0.002963783	0.00142107	0.001340507	0.001016214	4.51335E-05	0	0	5.60563E-08	5.60563E-08	0.056056321
579245.014141676.41	579245.01	4141676	0.002073538	0.00226168	0.002666739	0.001278644	0.001206155	0.000914364	4.061E-05	0	0	5.04686E-08	5.04686E-08	0.050468599
579265.014141676.41	579265.01	4141676	0.001887347	0.002044381	0.002410521	0.001155793	0.001090269	0.000826513	3.67083E-05	0	0	4.56483E-08	4.56483E-08	0.045648285
579285.014141676.41	579285.01	4141676	0.001725403	0.001853184	0.002185082	0.0010477	0.000988304	0.000749215	3.32752E-05	0	0	4.14111E-08	4.14111E-08	0.041411149
579305.014141676.41	579305.01	4141676	0.001579453	0.001685802	0.001987723	0.00095307	0.000899039	0.000681545	3.02697E-05	0	0	3.76926E-08	3.76926E-08	0.037692582
579325.014141676.41	579325.01	4141676	0.001456357	0.00154652	0.001823495	0.000874327	0.00082476	0.000625235	2.77688E-05	0	0	3.45947E-08	3.45947E-08	0.034594662
579345.014141676.41	579345.01	4141676	0.001346778	0.001425403	0.001680687	0.000805853	0.000760168	0.000576269	2.55941E-05	0	0	3.18952E-08	3.18952E-08	0.031895193
578385.014141696.41	578385.01	4141696	0.00036289	0.000315382	0.000371865	0.000178301	0.000168193	0.000127504	5.6629E-06	0	0	7.19977E-09	7.19977E-09	0.007199767
578405.014141696.41	578405.01	4141696	0.000398849	0.000344797	0.000406548	0.000194931	0.00018388	0.000139396	6.19106E-06	0	0	7.87592E-09	7.87592E-09	0.007875916
578425.014141696.41	578425.01	4141696	0.00044203	0.000379715	0.00044772	0.000214672	0.000202502	0.000153513	6.81804E-06	0	0	8.67965E-09	8.67965E-09	0.008679653
578445.014141696.41	578445.01	4141696	0.000494188	0.000421548	0.000497045	0.000238323	0.000224812	0.000170426	7.56918E-06	0	0	9.6435E-09	9.6435E-09	0.009643502
578465.014141696.41	578465.01	4141696	0.000554034	0.00046903	0.000553032	0.000265167	0.000250134	0.000189622	8.42177E-06	0	0	1.07389E-08	1.07389E-08	0.010738924
578485.014141696.41	578485.01	4141696	0.000624301	0.000524159	0.000618034	0.000296334	0.000279534	0.00021191	9.41164E-06	0	0	1.20125E-08	1.20125E-08	0.012012463
578505.014141696.41	578505.01	4141696	0.00071443	0.000594044	0.000700434	0.000335843	0.000316804	0.000240163	1.06665E-05	0	0	1.36292E-08	1.36292E-08	0.013629206
578525.014141696.41	578525.01	4141696	0.000822254	0.000676395	0.000797535	0.000382401	0.000360722	0.000273457	1.21451E-05	0	0	1.55379E-08	1.55379E-08	0.015537925
578565.014141696.41	578565.01	4141696	0.001116374	0.000895643	0.001056049	0.000506353	0.000477647	0.000362095	1.60819E-05	0	0	2.06351E-08	2.06351E-08	0.020635076
578585.014141696.41	578585.01	4141696	0.001326503	0.001048513	0.001236297	0.000592778	0.000559172	0.000423898	1.88268E-05	0	0	2.42002E-08	2.42002E-08	0.024200159
578605.014141696.41	578605.01	4141696	0.001599264	0.001243313	0.001465986	0.000702909	0.000663059	0.000502653	2.23245E-05	0	0	2.87541E-08	2.87541E-08	0.028754093
578625.014141696.41	578625.01	4141696	0.001958955	0.001495579	0.001763432	0.000845528	0.000797593	0.000604641	2.68542E-05	0	0	3.46657E-08	3.46657E-08	0.034665655
578645.014141696.41	578645.01	4141696	0.002464132	0.001844662	0.002175033	0.001042882	0.000983759	0.000745769	3.31222E-05	0	0	4.28623E-08	4.28623E-08	0.042862342
578665.014141696.41	578665.01	4141696	0.00315514	0.002316224	0.002731051	0.001309481	0.001235243	0.000936415	4.15894E-05	0	0	5.39538E-08	5.39538E-08	0.053953826
578685.014141696.41	578685.01	4141696	0.004120765	0.002972604	0.003504986	0.001680566	0.001585291	0.00120178	5.33752E-05	0	0	6.94007E-08	6.94007E-08	0.069400673
578945.014141696.41	578945.01	4141696	0.015473996	0.021061761	0.024833842	0.011907294	0.011232246	0.008514959	0.000378179	0	0	4.61552E-07	4.61552E-07	0.461552485
578965.014141696.41	578965.01	4141696	0.011802226	0.015672172	0.018478999	0.008860283	0.008357976	0.006336028	0.000281405	0	0	3.44077E-07	3.44077E-07	0.344076814
578985.014141696.41	578985.01	4141696	0.009477646	0.012280601	0.01448001	0.006942854	0.00654925	0.004964866	0.000220507	0	0	2.70121E-07	2.70121E-07	0.270120717
579005.014141696.41	579005.01	4141696	0.00783809	0.009969831	0.01175539	0.005636457	0.005316915	0.004030656	0.000179015	0	0	2.1961E-07	2.1961E-07	0.219609816
579025.014141696.41	579025.01	4141696	0.006629627	0.00827989	0.009762787	0.004681047	0.004415669	0.003347437	0.000148671	0	0	1.82649E-07	1.82649E-07	0.182648875
579045.014141696.41	579045.01	4141696	0.005691551	0.006987877	0.008239379	0.003950605	0.003726638	0.002825095	0.000125472	0	0	1.5436E-07	1.5436E-07	0.15435993
579065.014141696.41	579065.01	4141696	0.004937654	0.005971263	0.007040693	0.003375861	0.003184477	0.002414093	0.000107218	0	0	1.32066E-07	1.32066E-07	0.132066227
579085.014141696.41	579085.01	4141696	0.004318461	0.005144481	0.006065839	0.002908439	0.002743554	0.002079838	9.23727E-05	0	0	1.13922E-07	1.13922E-07	0.113922089
579105.014141696.41	579105.01	4141696	0.003804359	0.004468086	0.005268303	0.002526038	0.002382832	0.001806381	8.02276E-05	0	0	9.90617E-08	9.90617E-08	0.099061675
579125.014141696.41	579125.01	4141696	0.003374246	0.003903165	0.004602207	0.00220666	0.00208156	0.001577992	7.0084E-05	0	0	8.66487E-08	8.66487E-08	0.086648735
579145.014141696.41	579145.01	4141696	0.003009396	0.003441196	0.004057501	0.001945485	0.001835191	0.001391225	6.17891E-05	0	0	7.64691E-08	7.64691E-08	0.076469096
579165.014141696.41	579165.01	4141696	0.002698252	0.003055005	0.003602144	0.001727151	0.001629235	0.001235093	5.48547E-05	0	0	6.79457E-08	6.79457E-08	0.067945734
579185.014141696.41	579185.01	4141696	0.002430598	0.002725889	0.003214086	0.001541085	0.001453718	0.001102037	4.89452E-05	0	0	6.06766E-08	6.06766E-08	0.060676584
579205.014141696.41	579205.01	4141696	0.002201948	0.002445669	0.002883679	0.001382662	0.001304276	0.000988748	4.39137E-05	0	0	5.44857E-08	5.44857E-08	0.054485699
579225.014141696.41	579225.01	4141696	0.002002549	0.002205627	0.002600646	0.001246954	0.001176262	0.000891702	3.96036E-05	0	0	4.91747E-08	4.91747E-08	0.04917469
579245.014141696.41	579245.01	4141696	0.001828688	0.001995583	0.002352984	0.001128206	0.001064245	0.000806785	3.58321E-05	0	0	4.45288E-08	4.45288E-08	0.04452878

579265.014141696.41	579265.01	4141696	0.001675618	0.001819143	0.002144944	0.001028455	0.00097015	0.000735453	3.2664E-05	0	0	4.06107E-08	4.06107E-08	0.040610687
579285.014141696.41	579285.01	4141696	0.001540966	0.001662475	0.001960217	0.000939882	0.000886598	0.000672114	2.98509E-05	0	0	3.71344E-08	3.71344E-08	0.037134444
579305.014141696.41	579305.01	4141696	0.001420553	0.001519442	0.001791569	0.000859019	0.000810319	0.000614288	2.72826E-05	0	0	3.39663E-08	3.39663E-08	0.033966303
579325.014141696.41	579325.01	4141696	0.001315824	0.001401686	0.001652722	0.000792445	0.00074752	0.000566681	2.51682E-05	0	0	3.13457E-08	3.13457E-08	0.031345707
579345.014141696.41	579345.01	4141696	0.001220948	0.001296445	0.001528633	0.000732947	0.000691395	0.000524133	2.32786E-05	0	0	2.90008E-08	2.90008E-08	0.029000836
578385.014141716.41	578385.01	4141716	0.000380895	0.000328092	0.000386853	0.000185487	0.000174972	0.000132643	5.89113E-06	0	0	7.49737E-09	7.49737E-09	0.007497367
578405.014141716.41	578405.01	4141716	0.000421187	0.000360527	0.000425096	0.000203824	0.000192269	0.000145756	6.47351E-06	0	0	8.24434E-09	8.24434E-09	0.008244336
578425.014141716.41	578425.01	4141716	0.000469889	0.000399341	0.000470861	0.000225768	0.000212969	0.000161448	7.17044E-06	0	0	9.13929E-09	9.13929E-09	0.009139294
578445.014141716.41	578445.01	4141716	0.000527155	0.000444486	0.000524091	0.000251291	0.000237044	0.000179699	7.98105E-06	0	0	1.01816E-08	1.01816E-08	0.010181594
578465.014141716.41	578465.01	4141716	0.000592366	0.000495328	0.00058404	0.000280035	0.000264159	0.000200254	8.89397E-06	0	0	1.1357E-08	1.1357E-08	0.011357024
578485.014141716.41	578485.01	4141716	0.000671764	0.000556593	0.000656277	0.000314671	0.000296831	0.000225022	9.99402E-06	0	0	1.27752E-08	1.27752E-08	0.012775198
578505.014141716.41	578505.01	4141716	0.000775358	0.000635487	0.000749301	0.000359274	0.000338906	0.000256918	1.14106E-05	0	0	1.46044E-08	1.46044E-08	0.014604429
578525.014141716.41	578525.01	4141716	0.000903355	0.000731524	0.000862537	0.000413568	0.000390122	0.000295744	1.3135E-05	0	0	1.68353E-08	1.68353E-08	0.016835284
578605.014141716.41	578605.01	4141716	0.001809187	0.001387952	0.001636529	0.000784681	0.000740196	0.000561129	2.49216E-05	0	0	3.21517E-08	3.21517E-08	0.032151656
578625.014141716.41	578625.01	4141716	0.002244871	0.001697149	0.002001102	0.000959485	0.00090509	0.000686132	3.04735E-05	0	0	3.93859E-08	3.93859E-08	0.039385924
578645.014141716.41	578645.01	4141716	0.002842087	0.00212084	0.002500674	0.00119902	0.001131045	0.000857424	3.80811E-05	0	0	4.92994E-08	4.92994E-08	0.04929944
578665.014141716.41	578665.01	4141716	0.00364355	0.002693747	0.003176187	0.001522914	0.001436577	0.001089042	4.83681E-05	0	0	6.2691E-08	6.2691E-08	0.062690967
578685.014141716.41	578685.01	4141716	0.004793871	0.003535236	0.004168383	0.00199865	0.001885343	0.001429244	6.34776E-05	0	0	8.23014E-08	8.23014E-08	0.082301402
578905.014141716.41	578905.01	4141716	0.018322428	0.02488238	0.029338719	0.014067286	0.013269784	0.010059579	0.00044678	0	0	5.4537E-07	5.4537E-07	0.545369544
578925.014141716.41	578925.01	4141716	0.013348351	0.017620565	0.020776341	0.009961809	0.009397055	0.007123734	0.000316389	0	0	3.87026E-07	3.87026E-07	0.387026429
578945.014141716.41	578945.01	4141716	0.010191612	0.013183355	0.015544443	0.007453227	0.007030689	0.005329836	0.000236716	0	0	2.90015E-07	2.90015E-07	0.290015376
578965.014141716.41	578965.01	4141716	0.008107652	0.010345212	0.012198	0.005848679	0.005517106	0.004182416	0.000185755	0	0	2.27822E-07	2.27822E-07	0.227822294
578985.014141716.41	578985.01	4141716	0.006679928	0.008405634	0.00991105	0.004752136	0.004482728	0.003398274	0.000150929	0	0	1.85312E-07	1.85312E-07	0.185311927
579005.014141716.41	579005.01	4141716	0.005664001	0.007021334	0.008278828	0.00396952	0.00374448	0.002838622	0.000126073	0	0	1.54978E-07	1.54978E-07	0.154978499
579025.014141716.41	579025.01	4141716	0.004905977	0.006007934	0.007083932	0.003396593	0.003204034	0.002428919	0.000107877	0	0	1.32741E-07	1.32741E-07	0.132740966
579045.014141716.41	579045.01	4141716	0.004310671	0.005212369	0.006145885	0.00294682	0.002779759	0.002107284	9.35917E-05	0	0	1.15283E-07	1.15283E-07	0.115283012
579065.014141716.41	579065.01	4141716	0.003823912	0.004561688	0.005378669	0.002578956	0.00243275	0.001844223	8.19083E-05	0	0	1.01005E-07	1.01005E-07	0.101004675
579085.014141716.41	579085.01	4141716	0.003414951	0.004027302	0.004748576	0.00227684	0.002147762	0.001628179	7.2313E-05	0	0	8.92581E-08	8.92581E-08	0.089258067
579105.014141716.41	579105.01	4141716	0.003063618	0.003580089	0.004221269	0.002024008	0.001909263	0.001447377	6.4283E-05	0	0	7.94077E-08	7.94077E-08	0.07940768
579125.014141716.41	579125.01	4141716	0.002763514	0.00319005	0.003761376	0.001803499	0.001701255	0.00128969	5.72796E-05	0	0	7.08305E-08	7.08305E-08	0.070830496
579145.014141716.41	579145.01	4141716	0.002502155	0.00285324	0.003364245	0.001613083	0.001521634	0.001153523	5.12319E-05	0	0	6.3419E-08	6.3419E-08	0.063418992
579165.014141716.41	579165.01	4141716	0.00227273	0.002570244	0.003030565	0.001453091	0.001370712	0.001039112	4.61505E-05	0	0	5.71701E-08	5.71701E-08	0.057170057
579185.014141716.41	579185.01	4141716	0.002071423	0.002321922	0.00273777	0.001312702	0.001238282	0.000938719	4.16917E-05	0	0	5.16868E-08	5.16868E-08	0.051686796
579205.014141716.41	579205.01	4141716	0.001895653	0.002105986	0.00248316	0.001190622	0.001123123	0.000851419	3.78144E-05	0	0	4.69171E-08	4.69171E-08	0.046917074
579225.014141716.41	579225.01	4141716	0.0017399	0.001917468	0.002260879	0.001084043	0.001022587	0.000775204	3.44295E-05	0	0	4.27479E-08	4.27479E-08	0.04274792
579245.014141716.41	579245.01	4141716	0.001600141	0.001744437	0.002056859	0.00098622	0.000930309	0.00070525	3.13226E-05	0	0	3.89283E-08	3.89283E-08	0.038928291
579265.014141716.41	579265.01	4141716	0.001478645	0.001603353	0.001890507	0.000906458	0.000855069	0.000648212	2.87893E-05	0	0	3.57973E-08	3.57973E-08	0.035797311
579285.014141716.41	579285.01	4141716	0.001368704	0.001475856	0.001740176	0.000834377	0.000787075	0.000596667	2.65E-05	0	0	3.29675E-08	3.29675E-08	0.032967547
579305.014141716.41	579305.01	4141716	0.001267844	0.001357709	0.00160087	0.000767583	0.000724067	0.000548902	2.43786E-05	0	0	3.03475E-08	3.03475E-08	0.03034755
579325.014141716.41	579325.01	4141716	0.001180759	0.001257972	0.00148327	0.000711196	0.000670877	0.000508579	2.25878E-05	0	0	2.81315E-08	2.81315E-08	0.028131513
579345.014141716.41	579345.01	4141716	0.001102032	0.001170019	0.001379565	0.000661472	0.000623972	0.000473022	2.10085E-05	0	0	2.61731E-08	2.61731E-08	0.026173083
578385.014141736.41	578385.01	4141736	0.000402976	0.000343823	0.0004054	0.000194381	0.000183361	0.000139002	6.17357E-06	0	0	7.86522E-09	7.86522E-09	0.007865219
578405.014141736.41	578405.01	4141736	0.000449253	0.000380542	0.000448696	0.00021514	0.000202943	0.000153848	6.8329E-06	0	0	8.71234E-09	8.71234E-09	0.008712339
578425.014141736.41	578425.01	4141736	0.00050332	0.000423106	0.000498883	0.000239204	0.000225643	0.000171056	7.59717E-06	0	0	9.69521E-09	9.69521E-09	0.009695213
578445.014141736.41	578445.01	4141736	0.000565126	0.000471173	0.000555559	0.000266378	0.000251277	0.000190488	8.46024E-06	0	0	1.08068E-08	1.08068E-08	0.010806808
578465.014141736.41	578465.01	4141736	0.000638798	0.000527909	0.000622455	0.000298454	0.000281534	0.000213426	9.47897E-06	0	0	1.21205E-08	1.21205E-08	0.012120456
578485.014141736.41	578485.01	4141736	0.000730578	0.000597842	0.000704913	0.000337991	0.000318829	0.000241699	1.07347E-05	0	0	1.37418E-08	1.37418E-08	0.013741817
578505.014141736.41	578505.01	4141736	0.000861928	0.000698992	0.000824179	0.000395176	0.000372773	0.000282592	1.25509E-05	0	0	1.60838E-08	1.60838E-08	0.016083844
578625.014141736.41	578625.01	4141736	0.002568243	0.001952776	0.00230251	0.001104004	0.001041416	0.000789478	3.50634E-05	0	0	4.52858E-08	4.52858E-08	0.045285843
578645.014141736.41	578645.01	4141736	0.003234796	0.002451562	0.002890627	0.001385994	0.001307419	0.00099113	4.40195E-05	0	0	5.68762E-08	5.68762E-08	0.056876165
578665.014141736.41	578665.01	4141736	0.004151668	0.003156398	0.003721697	0.001784474	0.001683308	0.001276085	5.66753E-05	0	0	7.31994E-08	7.31994E-08	0.073199438
578865.014141736.41	578865.01	4141736	0.022023915	0.029353096	0.034610123	0.016594811	0.015654018	0.011867023	0.000527055	0	0	6.44258E-07	6.44258E-07	0.644258424
578885.014141736.41	578885.01	4141736	0.016465984	0.022076914	0.026030806	0.012481212	0.011773628	0.008925371	0.000396406	0	0	4.8434E-07	4.8434E-07	0.484340007
578905.014141736.41	578905.01	4141736	0.01212926	0.015893758	0.018740269	0.008985557	0.008476148	0.006425612	0.000285383	0	0	3.49294E-07	3.49294E-07	0.349293783

578925.014141736.41	578925.01	4141736	0.00914664	0.011644773	0.013730308	0.006583388	0.006210162	0.00470781	0.00020909	0	0	2.56486E-07	2.56486E-07	0.256486333
578945.014141736.41	578945.01	4141736	0.007190987	0.008995976	0.010607121	0.005085887	0.004797558	0.00363694	0.000161529	0	0	1.98419E-07	1.98419E-07	0.198418865
578965.014141736.41	578965.01	4141736	0.005861749	0.007226264	0.00852046	0.004085378	0.00385377	0.002921472	0.000129753	0	0	1.59573E-07	1.59573E-07	0.159573128
578985.014141736.41	578985.01	4141736	0.004921094	0.006009931	0.007086286	0.003397722	0.003205099	0.002429726	0.000107912	0	0	1.32815E-07	1.32815E-07	0.132814732
579005.014141736.41	579005.01	4141736	0.004237773	0.005122031	0.006039367	0.002895747	0.002731581	0.002070761	9.19696E-05	0	0	1.13289E-07	1.13289E-07	0.11328896
579025.014141736.41	579025.01	4141736	0.003724393	0.004454694	0.005252512	0.002518467	0.00237569	0.001800967	7.99871E-05	0	0	9.8614E-08	9.8614E-08	0.098614006
579045.014141736.41	579045.01	4141736	0.003321623	0.00393185	0.004636029	0.002222876	0.002096857	0.001589589	7.05991E-05	0	0	8.71153E-08	8.71153E-08	0.087115299
579065.014141736.41	579065.01	4141736	0.002992371	0.003513224	0.004142429	0.001986206	0.001873604	0.001420344	6.30824E-05	0	0	7.78937E-08	7.78937E-08	0.077893743
579085.014141736.41	579085.01	4141736	0.002713832	0.003164239	0.003730942	0.001788907	0.00168749	0.001279255	5.68161E-05	0	0	7.01973E-08	7.01973E-08	0.070197327
579105.014141736.41	579105.01	4141736	0.002471355	0.002861471	0.003373949	0.001617736	0.001526023	0.00115685	5.13797E-05	0	0	6.35183E-08	6.35183E-08	0.063518341
579125.014141736.41	579125.01	4141736	0.002261174	0.002592792	0.003057151	0.001465838	0.001382737	0.001048228	4.65554E-05	0	0	5.76024E-08	5.76024E-08	0.057602352
579145.014141736.41	579145.01	4141736	0.002074467	0.002356938	0.002779056	0.001332498	0.001256956	0.000952875	4.23205E-05	0	0	5.24043E-08	5.24043E-08	0.052404262
579165.014141736.41	579165.01	4141736	0.001907467	0.002149086	0.002533979	0.001214988	0.001146108	0.000868844	3.85883E-05	0	0	4.78179E-08	4.78179E-08	0.047817923
579185.014141736.41	579185.01	4141736	0.001757699	0.001965097	0.002317038	0.00111097	0.001047987	0.00079446	3.52847E-05	0	0	4.37539E-08	4.37539E-08	0.043753864
579205.014141736.41	579205.01	4141736	0.001624595	0.001801708	0.002124387	0.001018598	0.000960852	0.000728404	3.23509E-05	0	0	4.01446E-08	4.01446E-08	0.040144602
579225.014141736.41	579225.01	4141736	0.001504749	0.001656338	0.001952982	0.000936413	0.000883326	0.000669633	2.97407E-05	0	0	3.69303E-08	3.69303E-08	0.036930258
579245.014141736.41	579245.01	4141736	0.001396564	0.001524556	0.001797598	0.00086191	0.000813046	0.000616355	2.73745E-05	0	0	3.40174E-08	3.40174E-08	0.034017357
579265.014141736.41	579265.01	4141736	0.001298696	0.001405825	0.001657603	0.000794785	0.000749727	0.000568354	2.52426E-05	0	0	3.13921E-08	3.13921E-08	0.031392076
579285.014141736.41	579285.01	4141736	0.001210217	0.001303117	0.0015365	0.000736719	0.000694953	0.000526831	2.33984E-05	0	0	2.91127E-08	2.91127E-08	0.029112675
579305.014141736.41	579305.01	4141736	0.001129994	0.001213022	0.001430269	0.000685783	0.000646905	0.000490407	2.17806E-05	0	0	2.71075E-08	2.71075E-08	0.027107459
579325.014141736.41	579325.01	4141736	0.001057096	0.001129501	0.00133179	0.000638565	0.000602363	0.000456641	2.0281E-05	0	0	2.52518E-08	2.52518E-08	0.025251805
579345.014141736.41	579345.01	4141736	0.000990441	0.001053967	0.001242729	0.000595862	0.000562081	0.000426103	1.89247E-05	0	0	2.3572E-08	2.3572E-08	0.023572
578385.014141756.41	578385.01	4141756	0.00043166	0.000364764	0.000430091	0.00020622	0.000194529	0.000147469	6.54958E-06	0	0	8.35337E-09	8.35337E-09	0.008353366
578405.014141756.41	578405.01	4141756	0.000482838	0.000404941	0.000477465	0.000228934	0.000215955	0.000163712	7.271E-06	0	0	9.28145E-09	9.28145E-09	0.009281449
578425.014141756.41	578425.01	4141756	0.000542529	0.000451401	0.000532245	0.0002552	0.000240732	0.000182495	8.10522E-06	0	0	1.03558E-08	1.03558E-08	0.010355771
578445.014141756.41	578445.01	4141756	0.000613312	0.000506043	0.000596673	0.000286092	0.000269873	0.000204586	9.08634E-06	0	0	1.16206E-08	1.16206E-08	0.011620559
578465.014141756.41	578465.01	4141756	0.000697869	0.000570814	0.000673044	0.00032271	0.000304415	0.000230772	1.02494E-05	0	0	1.31213E-08	1.31213E-08	0.013121253
578485.014141756.41	578485.01	4141756	0.000812504	0.000657889	0.000775715	0.000371939	0.000350853	0.000265975	1.18129E-05	0	0	1.51408E-08	1.51408E-08	0.015140835
578845.014141756.41	578845.01	4141756	0.018540658	0.023536943	0.02775232	0.013306641	0.012552262	0.009515638	0.000422622	0	0	5.18538E-07	5.18538E-07	0.518538436
578865.014141756.41	578865.01	4141756	0.014755645	0.019204438	0.022643879	0.010857254	0.010241735	0.007764071	0.000344829	0	0	4.22271E-07	4.22271E-07	0.422271445
578885.014141756.41	578885.01	4141756	0.011313919	0.014671191	0.017298745	0.008294377	0.007824152	0.005931346	0.000263431	0	0	3.22684E-07	3.22684E-07	0.322684371
578905.014141756.41	578905.01	4141756	0.008631867	0.010968475	0.012932887	0.006201042	0.005849492	0.004434393	0.000196947	0	0	2.41626E-07	2.41626E-07	0.241626422
578925.014141756.41	578925.01	4141756	0.006726721	0.008343103	0.009837321	0.004716784	0.00444938	0.003372993	0.000149806	0	0	1.84145E-07	1.84145E-07	0.184145498
578945.014141756.41	578945.01	4141756	0.005408472	0.006579381	0.007757723	0.003719661	0.003508786	0.002659946	0.000118137	0	0	1.45446E-07	1.45446E-07	0.145445514
578965.014141756.41	578965.01	4141756	0.004473543	0.005383891	0.006348125	0.00304379	0.002871231	0.002176628	9.66715E-05	0	0	1.19123E-07	1.19123E-07	0.119122811
578985.014141756.41	578985.01	4141756	0.003795485	0.004512939	0.005321189	0.002551396	0.002406752	0.001824515	8.10329E-05	0	0	9.99526E-08	9.99526E-08	0.099952628
579005.014141756.41	579005.01	4141756	0.003294693	0.003879594	0.004574415	0.002193334	0.002068989	0.001568463	6.96608E-05	0	0	8.59954E-08	8.59954E-08	0.085995365
579025.014141756.41	579025.01	4141756	0.0029171	0.003409639	0.004020292	0.001927644	0.001818362	0.001378467	6.12224E-05	0	0	7.56256E-08	7.56256E-08	0.075625586
579045.014141756.41	579045.01	4141756	0.002622774	0.003049599	0.00359577	0.001724095	0.001626352	0.001232908	5.47577E-05	0	0	6.76701E-08	6.76701E-08	0.067670058
579065.014141756.41	579065.01	4141756	0.002384167	0.002758567	0.003252616	0.00155956	0.001471145	0.001115248	4.9532E-05	0	0	6.12378E-08	6.12378E-08	0.061237821
579085.014141756.41	579085.01	4141756	0.002184046	0.00251458	0.002964932	0.001421621	0.001341027	0.001016608	4.5151E-05	0	0	5.58452E-08	5.58452E-08	0.05584515

Cubberley Community Center Master Plan

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)
Demolition - Phase I	2030	0.02		8	0.000372498
Grading- Phase I	2030	0.00		8	0
New Building Construction I- Phase I	2030	0.00		8	0
New Building Construction II- Phase I	2031	0.00		8	0
Renovation Building Construction I- Phase I	2031	0.00		8	0
Renovation Building Construction II- Phase I	2032	0.00		8	0
Paving- Phase I	2032	0.00		8	0
Architectural Coating- Phase I	2032	0.00		8	0

Maximum Risk, Uncontrolled	0.035
UTM X	579145.01
UTM Y	4141516.41

AERMOD Column Identifier:			*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*				
			Demolition - Phase I	Grading- Phase I	New Building Construction I- Phase I	New Building Construction II- Phase I	Renovation Building Construction I- Phase I	Renovation Building Construction II- Phase I	Paving- Phase I	Architectural Coating- Phase I	Child Risk			
Unique Identifier	X (UTM)	Y (UTM)	2030	2030	2030	2031	2031	2032	2032	2032	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.41	578385.01	4141176	1.64346E-05	0	0	0	0	0	0	0	1.18669E-10	0	0	1.18669E-10	0.000118669
578405.014141176.41	578405.01	4141176	1.72504E-05	0	0	0	0	0	0	0	1.24559E-10	0	0	1.24559E-10	0.000124559
578425.014141176.41	578425.01	4141176	1.82412E-05	0	0	0	0	0	0	0	1.31714E-10	0	0	1.31714E-10	0.000131714
578445.014141176.41	578445.01	4141176	1.99584E-05	0	0	0	0	0	0	0	1.44113E-10	0	0	1.44113E-10	0.000144113
578465.014141176.41	578465.01	4141176	2.05917E-05	0	0	0	0	0	0	0	1.48686E-10	0	0	1.48686E-10	0.000148686
578485.014141176.41	578485.01	4141176	2.2253E-05	0	0	0	0	0	0	0	1.60682E-10	0	0	1.60682E-10	0.000160682
578505.014141176.41	578505.01	4141176	2.39777E-05	0	0	0	0	0	0	0	1.73135E-10	0	0	1.73135E-10	0.000173135
578525.014141176.41	578525.01	4141176	2.55906E-05	0	0	0	0	0	0	0	1.84782E-10	0	0	1.84782E-10	0.000184782
578545.014141176.41	578545.01	4141176	2.8105E-05	0	0	0	0	0	0	0	2.02937E-10	0	0	2.02937E-10	0.000202937
578565.014141176.41	578565.01	4141176	2.96173E-05	0	0	0	0	0	0	0	2.13857E-10	0	0	2.13857E-10	0.000213857
578585.014141176.41	578585.01	4141176	3.2981E-05	0	0	0	0	0	0	0	2.38145E-10	0	0	2.38145E-10	0.000238145
578605.014141176.41	578605.01	4141176	3.63186E-05	0	0	0	0	0	0	0	2.62245E-10	0	0	2.62245E-10	0.000262245
578625.014141176.41	578625.01	4141176	3.7261E-05	0	0	0	0	0	0	0	2.6905E-10	0	0	2.6905E-10	0.00026905
578645.014141176.41	578645.01	4141176	4.03155E-05	0	0	0	0	0	0	0	2.91105E-10	0	0	2.91105E-10	0.000291105
578665.014141176.41	578665.01	4141176	4.44427E-05	0	0	0	0	0	0	0	3.20907E-10	0	0	3.20907E-10	0.000320907
578685.014141176.41	578685.01	4141176	5.18182E-05	0	0	0	0	0	0	0	3.74163E-10	0	0	3.74163E-10	0.000374163
578705.014141176.41	578705.01	4141176	5.72828E-05	0	0	0	0	0	0	0	4.1362E-10	0	0	4.1362E-10	0.00041362
578725.014141176.41	578725.01	4141176	6.36078E-05	0	0	0	0	0	0	0	4.59291E-10	0	0	4.59291E-10	0.000459291
578745.014141176.41	578745.01	4141176	7.12328E-05	0	0	0	0	0	0	0	5.14349E-10	0	0	5.14349E-10	0.000514349
578765.014141176.41	578765.01	4141176	7.96252E-05	0	0	0	0	0	0	0	5.74948E-10	0	0	5.74948E-10	0.000574948
578785.014141176.41	578785.01	4141176	8.98428E-05	0	0	0	0	0	0	0	6.48726E-10	0	0	6.48726E-10	0.000648726
578805.014141176.41	578805.01	4141176	0.000101983	0	0	0	0	0	0	0	7.36383E-10	0	0	7.36383E-10	0.000736383
578825.014141176.41	578825.01	4141176	0.000116786	0	0	0	0	0	0	0	8.43271E-10	0	0	8.43271E-10	0.000843271
578845.014141176.41	578845.01	4141176	0.000134364	0	0	0	0	0	0	0	9.70197E-10	0	0	9.70197E-10	0.000970197
578865.014141176.41	578865.01	4141176	0.000153004	0	0	0	0	0	0	0	1.10479E-09	0	0	1.10479E-09	0.001104789
578885.014141176.41	578885.01	4141176	0.000173931	0	0	0	0	0	0	0	1.2559E-09	0	0	1.2559E-09	0.001255896
578905.014141176.41	578905.01	4141176	0.000195807	0	0	0	0	0	0	0	1.41386E-09	0	0	1.41386E-09	0.001413862
578925.014141176.41	578925.01	4141176	0.000218317	0	0	0	0	0	0	0	1.5764E-09	0	0	1.5764E-09	0.001576399
578945.014141176.41	578945.01	4141176	0.000240667	0	0	0	0	0	0	0	1.73778E-09	0	0	1.73778E-09	0.001737781
578965.014141176.41	578965.01	4141176	0.000261181	0	0	0	0	0	0	0	1.8859E-09	0	0	1.8859E-09	0.001885902
578985.014141176.41	578985.01	4141176	0.000279899	0	0	0	0	0	0	0	2.02106E-09	0	0	2.02106E-09	0.002021059
579005.014141176.41	579005.01	4141176	0.000296367	0	0	0	0	0	0	0	2.13997E-09	0	0	2.13997E-09	0.00213997
579025.014141176.41	579025.01	4141176	0.000312619	0	0	0	0	0	0	0	2.25732E-09	0	0	2.25732E-09	0.002257321
579045.014141176.41	579045.01	4141176	0.000329367	0	0	0	0	0	0	0	2.37825E-09	0	0	2.37825E-09	0.002378249
579065.014141176.41	579065.01	4141176	0.000346419	0	0	0	0	0	0	0	2.50138E-09	0	0	2.50138E-09	0.002501383
579085.014141176.41	579085.01	4141176	0.000363424	0	0	0	0	0	0	0	2.62417E-09	0	0	2.62417E-09	0.002624167
579105.014141176.41	579105.01	4141176	0.000381393	0	0	0	0	0	0	0	2.75392E-09	0	0	2.75392E-09	0.002753918
579125.014141176.41	579125.01	4141176	0.000400573	0	0	0	0	0	0	0	2.89241E-09	0	0	2.89241E-09	0.00289241
579145.014141176.41	579145.01	4141176	0.000420912	0	0	0	0	0	0	0	3.03927E-09	0	0	3.03927E-09	0.003039267
579165.014141176.41	579165.01	4141176	0.000441798	0	0	0	0	0	0	0	3.19008E-09	0	0	3.19008E-09	0.003190078
579185.014141176.41	579185.01	4141176	0.000465556	0	0	0	0	0	0	0	3.36163E-09	0	0	3.36163E-09	0.003361626
579205.014141176.41	579205.01	4141176	0.000489798	0	0	0	0	0	0	0	3.53667E-09	0	0	3.53667E-09	0.003536671
579225.014141176.41	579225.01	4141176	0.000515645	0	0	0	0	0	0	0	3.72331E-09	0	0	3.72331E-09	0.003723309
578385.014141196.41	578385.01	4141196	1.67661E-05	0	0	0	0	0	0	0	1.21063E-10	0	0	1.21063E-10	0.000121063
578405.014141196.41	578405.01	4141196	1.75819E-05	0	0	0	0	0	0	0	1.26953E-10	0	0	1.26953E-10	0.000126953
578425.014141196.41	578425.01	4141196	1.85914E-05	0	0	0	0	0	0	0	1.34242E-10	0	0	1.34242E-10	0.000134242
578445.014141196.41	578445.01	4141196	1.96344E-05	0	0	0	0	0	0	0	1.41773E-10	0	0	1.41773E-10	0.000141773
578465.014141196.41	578465.01	4141196	2.13702E-05	0	0	0	0	0	0	0	1.54307E-10	0	0	1.54307E-10	0.000154307
578485.014141196.41	578485.01	4141196	2.2849E-05	0	0	0	0	0	0	0	1.64985E-10	0	0	1.64985E-10	0.000164985

578505.014141196.41	578505.01	4141196	2.43614E-05	0	0	0	0	0	0	0	1.75906E-10	0	0	1.75906E-10	0.000175906
578525.014141196.41	578525.01	4141196	2.62499E-05	0	0	0	0	0	0	0	1.89542E-10	0	0	1.89542E-10	0.000189542
578545.014141196.41	578545.01	4141196	2.83471E-05	0	0	0	0	0	0	0	2.04685E-10	0	0	2.04685E-10	0.000204685
578565.014141196.41	578565.01	4141196	3.23403E-05	0	0	0	0	0	0	0	2.33519E-10	0	0	2.33519E-10	0.000233519
578585.014141196.41	578585.01	4141196	3.47615E-05	0	0	0	0	0	0	0	2.51002E-10	0	0	2.51002E-10	0.000251002
578605.014141196.41	578605.01	4141196	3.57151E-05	0	0	0	0	0	0	0	2.57887E-10	0	0	2.57887E-10	0.000257887
578625.014141196.41	578625.01	4141196	3.81103E-05	0	0	0	0	0	0	0	2.75182E-10	0	0	2.75182E-10	0.000275182
578645.014141196.41	578645.01	4141196	4.30198E-05	0	0	0	0	0	0	0	3.10632E-10	0	0	3.10632E-10	0.000310632
578665.014141196.41	578665.01	4141196	4.88121E-05	0	0	0	0	0	0	0	3.52457E-10	0	0	3.52457E-10	0.000352457
578685.014141196.41	578685.01	4141196	5.37701E-05	0	0	0	0	0	0	0	3.88257E-10	0	0	3.88257E-10	0.000388257
578705.014141196.41	578705.01	4141196	5.9447E-05	0	0	0	0	0	0	0	4.29247E-10	0	0	4.29247E-10	0.000429247
578725.014141196.41	578725.01	4141196	6.61184E-05	0	0	0	0	0	0	0	4.7742E-10	0	0	4.7742E-10	0.00047742
578745.014141196.41	578745.01	4141196	7.41606E-05	0	0	0	0	0	0	0	5.3549E-10	0	0	5.3549E-10	0.00053549
578765.014141196.41	578765.01	4141196	8.38419E-05	0	0	0	0	0	0	0	6.05395E-10	0	0	6.05395E-10	0.000605395
578785.014141196.41	578785.01	4141196	9.48864E-05	0	0	0	0	0	0	0	6.85144E-10	0	0	6.85144E-10	0.000685144
578805.014141196.41	578805.01	4141196	0.000108509	0	0	0	0	0	0	0	7.83506E-10	0	0	7.83506E-10	0.000783506
578825.014141196.41	578825.01	4141196	0.00012456	0	0	0	0	0	0	0	8.99405E-10	0	0	8.99405E-10	0.000899405
578845.014141196.41	578845.01	4141196	0.000143889	0	0	0	0	0	0	0	1.03897E-09	0	0	1.03897E-09	0.001038973
578865.014141196.41	578865.01	4141196	0.000165818	0	0	0	0	0	0	0	1.19731E-09	0	0	1.19731E-09	0.001197315
578885.014141196.41	578885.01	4141196	0.000188778	0	0	0	0	0	0	0	1.36311E-09	0	0	1.36311E-09	0.001363107
578905.014141196.41	578905.01	4141196	0.000213091	0	0	0	0	0	0	0	1.53866E-09	0	0	1.53866E-09	0.001538663
578925.014141196.41	578925.01	4141196	0.000237967	0	0	0	0	0	0	0	1.71828E-09	0	0	1.71828E-09	0.00171828
578945.014141196.41	578945.01	4141196	0.000261918	0	0	0	0	0	0	0	1.89123E-09	0	0	1.89123E-09	0.001891227
578965.014141196.41	578965.01	4141196	0.000284112	0	0	0	0	0	0	0	2.05148E-09	0	0	2.05148E-09	0.002051479
578985.014141196.41	578985.01	4141196	0.000302603	0	0	0	0	0	0	0	2.185E-09	0	0	2.185E-09	0.002184995
579005.014141196.41	579005.01	4141196	0.000320322	0	0	0	0	0	0	0	2.31294E-09	0	0	2.31294E-09	0.002312944
579025.014141196.41	579025.01	4141196	0.000338061	0	0	0	0	0	0	0	2.44103E-09	0	0	2.44103E-09	0.002441027
579045.014141196.41	579045.01	4141196	0.000355218	0	0	0	0	0	0	0	2.56491E-09	0	0	2.56491E-09	0.002564914
579065.014141196.41	579065.01	4141196	0.000373407	0	0	0	0	0	0	0	2.69625E-09	0	0	2.69625E-09	0.002696251
579085.014141196.41	579085.01	4141196	0.000390695	0	0	0	0	0	0	0	2.82108E-09	0	0	2.82108E-09	0.00282108
579105.014141196.41	579105.01	4141196	0.000409241	0	0	0	0	0	0	0	2.955E-09	0	0	2.955E-09	0.002954999
579125.014141196.41	579125.01	4141196	0.000429714	0	0	0	0	0	0	0	3.10282E-09	0	0	3.10282E-09	0.003102824
579145.014141196.41	579145.01	4141196	0.000452939	0	0	0	0	0	0	0	3.27053E-09	0	0	3.27053E-09	0.003270526
579165.014141196.41	579165.01	4141196	0.000477006	0	0	0	0	0	0	0	3.44431E-09	0	0	3.44431E-09	0.003444307
579185.014141196.41	579185.01	4141196	0.000502001	0	0	0	0	0	0	0	3.62479E-09	0	0	3.62479E-09	0.003624785
579205.014141196.41	579205.01	4141196	0.000529119	0	0	0	0	0	0	0	3.82059E-09	0	0	3.82059E-09	0.003820595
579225.014141196.41	579225.01	4141196	0.000558673	0	0	0	0	0	0	0	4.03399E-09	0	0	4.03399E-09	0.004033994
579245.014141196.41	579245.01	4141196	0.000591322	0	0	0	0	0	0	0	4.26975E-09	0	0	4.26975E-09	0.004269746
578385.014141216.41	578385.01	4141216	1.71386E-05	0	0	0	0	0	0	0	1.23753E-10	0	0	1.23753E-10	0.000123753
578405.014141216.41	578405.01	4141216	1.79656E-05	0	0	0	0	0	0	0	1.29724E-10	0	0	1.29724E-10	0.000129724
578425.014141216.41	578425.01	4141216	1.89117E-05	0	0	0	0	0	0	0	1.36555E-10	0	0	1.36555E-10	0.000136555
578445.014141216.41	578445.01	4141216	1.99622E-05	0	0	0	0	0	0	0	1.4414E-10	0	0	1.4414E-10	0.00014414
578465.014141216.41	578465.01	4141216	2.17688E-05	0	0	0	0	0	0	0	1.57185E-10	0	0	1.57185E-10	0.000157185
578485.014141216.41	578485.01	4141216	2.32662E-05	0	0	0	0	0	0	0	1.67998E-10	0	0	1.67998E-10	0.000167998
578505.014141216.41	578505.01	4141216	2.47376E-05	0	0	0	0	0	0	0	1.78622E-10	0	0	1.78622E-10	0.000178622
578525.014141216.41	578525.01	4141216	2.67901E-05	0	0	0	0	0	0	0	1.93442E-10	0	0	1.93442E-10	0.000193442
578545.014141216.41	578545.01	4141216	3.05262E-05	0	0	0	0	0	0	0	2.2042E-10	0	0	2.2042E-10	0.00022042
578565.014141216.41	578565.01	4141216	3.30592E-05	0	0	0	0	0	0	0	2.3871E-10	0	0	2.3871E-10	0.00023871
578585.014141216.41	578585.01	4141216	3.57337E-05	0	0	0	0	0	0	0	2.58022E-10	0	0	2.58022E-10	0.000258022
578605.014141216.41	578605.01	4141216	3.83598E-05	0	0	0	0	0	0	0	2.76984E-10	0	0	2.76984E-10	0.000276984
578625.014141216.41	578625.01	4141216	4.16416E-05	0	0	0	0	0	0	0	3.0068E-10	0	0	3.0068E-10	0.00030068
578645.014141216.41	578645.01	4141216	4.59327E-05	0	0	0	0	0	0	0	3.31665E-10	0	0	3.31665E-10	0.000331665
578665.014141216.41	578665.01	4141216	5.04735E-05	0	0	0	0	0	0	0	3.64453E-10	0	0	3.64453E-10	0.000364453
578685.014141216.41	578685.01	4141216	5.58747E-05	0	0	0	0	0	0	0	4.03453E-10	0	0	4.03453E-10	0.000403453
578705.014141216.41	578705.01	4141216	6.17267E-05	0	0	0	0	0	0	0	4.45708E-10	0	0	4.45708E-10	0.000445708
578725.014141216.41	578725.01	4141216	6.87594E-05	0	0	0	0	0	0	0	4.9649E-10	0	0	4.9649E-10	0.00049649
578745.014141216.41	578745.01	4141216	7.74572E-05	0	0	0	0	0	0	0	5.59294E-10	0	0	5.59294E-10	0.000559294
578765.014141216.41	578765.01	4141216	8.81405E-05	0	0	0	0	0	0	0	6.36434E-10	0	0	6.36434E-10	0.000636434
578785.014141216.41	578785.01	4141216	0.000100761	0	0	0	0	0	0	0	7.27561E-10	0	0	7.27561E-10	0.000727561
578805.014141216.41	578805.01	4141216	0.000115605	0	0	0	0	0	0	0	8.34745E-10	0	0	8.34745E-10	0.000834745
578825.014141216.41	578825.01	4141216	0.000133596	0	0	0	0	0	0	0	9.64657E-10	0	0	9.64657E-10	0.000964657
578845.014141216.41	578845.01	4141216	0.000154974	0	0	0	0	0	0	0	1.11902E-09	0	0	1.11902E-09	0.001119018
578925.014141216.41	578925.01	4141216	0.000260056	0	0	0	0	0	0	0	1.87778E-09	0	0	1.87778E-09	0.001877779
578945.014141216.41	578945.01	4141216	0.000285345	0	0	0	0	0	0	0	2.06038E-09	0	0	2.06038E-09	0.002060382
578965.014141216.41	578965.01	4141216	0.000309691	0	0	0	0	0	0	0	2.23618E-09	0	0	2.23618E-09	0.00223618
578985.014141216.41	578985.01	4141216	0.000330104	0	0	0	0	0	0	0	2.38357E-09	0	0	2.38357E-09	0.002383575
579005.014141216.41	579005.01	4141216	0.000348401	0	0	0	0	0	0	0	2.51569E-09	0	0	2.51569E-09	0.002515692
579025.014141216.41	579025.01	4141216	0.000365409	0	0	0	0	0	0	0	2.6385E-09	0	0	2.6385E-09	0.002638504
579045.014141216.41	579045.01	4141216	0.000382962	0	0	0	0	0	0	0	2.76524E-09	0	0	2.76524E-09	0.002765242
579065.014141216.41	579065.01	4141216	0.000401832	0	0	0	0	0	0	0	2.9015E-09	0	0	2.9015E-09	0.002901501
579085.014141216.41	579085.01	4141216	0.000420524	0	0	0	0	0	0	0	3.03647E-09	0	0	3.03647E-09	0.00303647

579105.014141216.41	579105.01	4141216	0.000440468	0	0	0	0	0	0	0	3.18048E-09	0	0	3.18048E-09	0.003180476
579125.014141216.41	579125.01	4141216	0.0004636	0	0	0	0	0	0	0	3.34751E-09	0	0	3.34751E-09	0.003347505
579145.014141216.41	579145.01	4141216	0.000488833	0	0	0	0	0	0	0	3.5297E-09	0	0	3.5297E-09	0.003529705
579165.014141216.41	579165.01	4141216	0.000514662	0	0	0	0	0	0	0	3.71621E-09	0	0	3.71621E-09	0.003716208
579185.014141216.41	579185.01	4141216	0.000542879	0	0	0	0	0	0	0	3.91995E-09	0	0	3.91995E-09	0.003919952
579205.014141216.41	579205.01	4141216	0.000574452	0	0	0	0	0	0	0	4.14793E-09	0	0	4.14793E-09	0.00414793
579225.014141216.41	579225.01	4141216	0.000610059	0	0	0	0	0	0	0	4.40504E-09	0	0	4.40504E-09	0.004405037
579245.014141216.41	579245.01	4141216	0.000646902	0	0	0	0	0	0	0	4.67107E-09	0	0	4.67107E-09	0.004671074
578385.014141236.41	578385.01	4141236	1.7351E-05	0	0	0	0	0	0	0	1.25286E-10	0	0	1.25286E-10	0.000125286
578405.014141236.41	578405.01	4141236	1.89155E-05	0	0	0	0	0	0	0	1.36582E-10	0	0	1.36582E-10	0.000136582
578425.014141236.41	578425.01	4141236	1.9694E-05	0	0	0	0	0	0	0	1.42204E-10	0	0	1.42204E-10	0.00014220 4
578445.014141236.41	578445.01	4141236	2.09381E-05	0	0	0	0	0	0	0	1.51187E-10	0	0	1.51187E-10	0.000151187
578465.014141236.41	578465.01	4141236	2.22866E-05	0	0	0	0	0	0	0	1.60924E-10	0	0	1.60924E-10	0.000160924
578485.014141236.41	578485.01	4141236	2.36685E-05	0	0	0	0	0	0	0	1.70903E-10	0	0	1.70903E-10	0.000170903
578505.014141236.41	578505.01	4141236	2.55794E-05	0	0	0	0	0	0	0	1.84701E-10	0	0	1.84701E-10	0.000184701
578525.014141236.41	578525.01	4141236	2.93826E-05	0	0	0	0	0	0	0	2.12163E-10	0	0	2.12163E-10	0.000212163
578545.014141236.41	578545.01	4141236	3.11446E-05	0	0	0	0	0	0	0	2.24885E-10	0	0	2.24885E-10	0.000224885
578565.014141236.41	578565.01	4141236	3.37483E-05	0	0	0	0	0	0	0	2.43686E-10	0	0	2.43686E-10	0.000243686
578585.014141236.41	578585.01	4141236	3.66538E-05	0	0	0	0	0	0	0	2.64665E-10	0	0	2.64665E-10	0.000264665
578605.014141236.41	578605.01	4141236	3.95034E-05	0	0	0	0	0	0	0	2.85241E-10	0	0	2.85241E-10	0.000285241
578625.014141236.41	578625.01	4141236	4.28373E-05	0	0	0	0	0	0	0	3.09314E-10	0	0	3.09314E-10	0.000309314
578645.014141236.41	578645.01	4141236	4.71769E-05	0	0	0	0	0	0	0	3.40649E-10	0	0	3.40649E-10	0.000340649
578665.014141236.41	578665.01	4141236	5.20901E-05	0	0	0	0	0	0	0	3.76126E-10	0	0	3.76126E-10	0.000376126
578685.014141236.41	578685.01	4141236	5.78415E-05	0	0	0	0	0	0	0	4.17655E-10	0	0	4.17655E-10	0.000417655
578705.014141236.41	578705.01	4141236	6.42671E-05	0	0	0	0	0	0	0	4.64052E-10	0	0	4.64052E-10	0.000464052
578725.014141236.41	578725.01	4141236	7.18884E-05	0	0	0	0	0	0	0	5.19083E-10	0	0	5.19083E-10	0.000519083
578745.014141236.41	578745.01	4141236	8.10183E-05	0	0	0	0	0	0	0	5.85007E-10	0	0	5.85007E-10	0.000585007
578765.014141236.41	578765.01	4141236	9.23981E-05	0	0	0	0	0	0	0	6.67177E-10	0	0	6.67177E-10	0.000667177
578785.014141236.41	578785.01	4141236	0.000106985	0	0	0	0	0	0	0	7.72505E-10	0	0	7.72505E-10	0.000772505
578805.014141236.41	578805.01	4141236	0.000123692	0	0	0	0	0	0	0	8.93138E-10	0	0	8.93138E-10	0.000893138
578825.014141236.41	578825.01	4141236	0.000144116	0	0	0	0	0	0	0	1.04061E-09	0	0	1.04061E-09	0.001040614
578945.014141236.41	578945.01	4141236	0.000313081	0	0	0	0	0	0	0	2.26066E-09	0	0	2.26066E-09	0.002260656
578965.014141236.41	578965.01	4141236	0.00033739	0	0	0	0	0	0	0	2.43619E-09	0	0	2.43619E-09	0.002436185
578985.014141236.41	578985.01	4141236	0.000359859	0	0	0	0	0	0	0	2.59843E-09	0	0	2.59843E-09	0.002598427
579005.014141236.41	579005.01	4141236	0.000378231	0	0	0	0	0	0	0	2.73108E-09	0	0	2.73108E-09	0.002731083
579025.014141236.41	579025.01	4141236	0.000395578	0	0	0	0	0	0	0	2.85634E-09	0	0	2.85634E-09	0.002856341
579045.014141236.41	579045.01	4141236	0.000413238	0	0	0	0	0	0	0	2.98386E-09	0	0	2.98386E-09	0.002983859
579065.014141236.41	579065.01	4141236	0.000432105	0	0	0	0	0	0	0	3.12009E-09	0	0	3.12009E-09	0.003120092
579085.014141236.41	579085.01	4141236	0.00045368	0	0	0	0	0	0	0	3.27588E-09	0	0	3.27588E-09	0.003275879
579105.014141236.41	579105.01	4141236	0.000476209	0	0	0	0	0	0	0	3.43855E-09	0	0	3.43855E-09	0.003438551
579125.014141236.41	579125.01	4141236	0.000500909	0	0	0	0	0	0	0	3.6169E-09	0	0	3.6169E-09	0.003616905
579145.014141236.41	579145.01	4141236	0.000527588	0	0	0	0	0	0	0	3.80954E-09	0	0	3.80954E-09	0.00380954
579165.014141236.41	579165.01	4141236	0.000557477	0	0	0	0	0	0	0	4.02536E-09	0	0	4.02536E-09	0.004025361
579185.014141236.41	579185.01	4141236	0.000590089	0	0	0	0	0	0	0	4.26084E-09	0	0	4.26084E-09	0.004260843
579205.014141236.41	579205.01	4141236	0.000626676	0	0	0	0	0	0	0	4.52502E-09	0	0	4.52502E-09	0.004525024
579225.014141236.41	579225.01	4141236	0.000668582	0	0	0	0	0	0	0	4.82761E-09	0	0	4.82761E-09	0.004827614
579245.014141236.41	579245.01	4141236	0.000711196	0	0	0	0	0	0	0	5.13531E-09	0	0	5.13531E-09	0.005135314
578385.014141256.41	578385.01	4141256	1.76452E-05	0	0	0	0	0	0	0	1.27411E-10	0	0	1.27411E-10	0.000127411
578405.014141256.41	578405.01	4141256	1.92246E-05	0	0	0	0	0	0	0	1.38815E-10	0	0	1.38815E-10	0.000138815
578425.014141256.41	578425.01	4141256	2.0465E-05	0	0	0	0	0	0	0	1.47771E-10	0	0	1.47771E-10	0.000147771
578445.014141256.41	578445.01	4141256	2.15378E-05	0	0	0	0	0	0	0	1.55518E-10	0	0	1.55518E-10	0.000155518
578465.014141256.41	578465.01	4141256	2.27298E-05	0	0	0	0	0	0	0	1.64125E-10	0	0	1.64125E-10	0.000164125
578485.014141256.41	578485.01	4141256	2.41565E-05	0	0	0	0	0	0	0	1.74426E-10	0	0	1.74426E-10	0.000174426
578505.014141256.41	578505.01	4141256	2.61382E-05	0	0	0	0	0	0	0	1.88735E-10	0	0	1.88735E-10	0.000188735
578525.014141256.41	578525.01	4141256	2.97477E-05	0	0	0	0	0	0	0	2.14799E-10	0	0	2.14799E-10	0.000214799
578545.014141256.41	578545.01	4141256	3.03809E-05	0	0	0	0	0	0	0	2.19371E-10	0	0	2.19371E-10	0.000219371
578565.014141256.41	578565.01	4141256	3.44523E-05	0	0	0	0	0	0	0	2.48769E-10	0	0	2.48769E-10	0.000248769
578585.014141256.41	578585.01	4141256	3.75553E-05	0	0	0	0	0	0	0	2.71174E-10	0	0	2.71174E-10	0.000271174
578605.014141256.41	578605.01	4141256	4.0863E-05	0	0	0	0	0	0	0	2.95059E-10	0	0	2.95059E-10	0.000295059
578625.014141256.41	578625.01	4141256	4.41596E-05	0	0	0	0	0	0	0	3.18863E-10	0	0	3.18863E-10	0.000318863
578645.014141256.41	578645.01	4141256	4.82199E-05	0	0	0	0	0	0	0	3.4818E-10	0	0	3.4818E-10	0.00034818
578665.014141256.41	578665.01	4141256	5.35466E-05	0	0	0	0	0	0	0	3.86643E-10	0	0	3.86643E-10	0.000386643
578685.014141256.41	578685.01	4141256	5.95475E-05	0	0	0	0	0	0	0	4.29974E-10	0	0	4.29974E-10	0.000429974
578705.014141256.41	578705.01	4141256	6.69081E-05	0	0	0	0	0	0	0	4.83122E-10	0	0	4.83122E-10	0.000483122
578725.014141256.41	578725.01	4141256	7.51589E-05	0	0	0	0	0	0	0	5.42698E-10	0	0	5.42698E-10	0.000542698
578745.014141256.41	578745.01	4141256	8.5045E-05	0	0	0	0	0	0	0	6.14083E-10	0	0	6.14083E-10	0.000614083
578765.014141256.41	578765.01	4141256	9.74902E-05	0	0	0	0	0	0	0	7.03945E-10	0	0	7.03945E-10	0.000703945
578785.014141256.41	578785.01	4141256	0.000113225	0	0	0	0	0	0	0	8.17558E-10	0	0	8.17558E-10	0.000817558
578805.014141256.41	578805.01	4141256	0.000133034	0	0	0	0	0	0	0	9.60595E-10	0	0	9.60595E-10	0.000960595
578965.014141256.41	578965.01	4141256	0.000369682	0	0	0	0	0	0	0	2.66935E-09	0	0	2.66935E-09	0.002669354
578985.014141256.41	578985.01	4141256	0.000391443	0	0	0	0	0	0	0	2.82649E-09	0	0	2.82649E-09	0.002826486

579005.014141256.41	579005.01	4141256	0.000411584	0	0	0	0	0	0	0	2.97192E-09	0	0	2.97192E-09	0.002971917
579025.014141256.41	579025.01	4141256	0.000428578	0	0	0	0	0	0	0	3.09462E-09	0	0	3.09462E-09	0.003094621
579045.014141256.41	579045.01	4141256	0.000446975	0	0	0	0	0	0	0	3.22746E-09	0	0	3.22746E-09	0.003227465
579065.014141256.41	579065.01	4141256	0.000467206	0	0	0	0	0	0	0	3.37354E-09	0	0	3.37354E-09	0.003373542
579085.014141256.41	579085.01	4141256	0.000490666	0	0	0	0	0	0	0	3.54294E-09	0	0	3.54294E-09	0.003542938
579105.014141256.41	579105.01	4141256	0.000514569	0	0	0	0	0	0	0	3.71554E-09	0	0	3.71554E-09	0.003715535
579125.014141256.41	579125.01	4141256	0.000541705	0	0	0	0	0	0	0	3.91148E-09	0	0	3.91148E-09	0.003911479
579145.014141256.41	579145.01	4141256	0.000572258	0	0	0	0	0	0	0	4.13209E-09	0	0	4.13209E-09	0.004132087
579165.014141256.41	579165.01	4141256	0.000606833	0	0	0	0	0	0	0	4.38174E-09	0	0	4.38174E-09	0.004381744
579185.014141256.41	579185.01	4141256	0.000645789	0	0	0	0	0	0	0	4.66303E-09	0	0	4.66303E-09	0.004663032
579205.014141256.41	579205.01	4141256	0.00068844	0	0	0	0	0	0	0	4.971E-09	0	0	4.971E-09	0.004971001
579225.014141256.41	579225.01	4141256	0.000735669	0	0	0	0	0	0	0	5.31203E-09	0	0	5.31203E-09	0.005312027
579245.014141256.41	579245.01	4141256	0.000786995	0	0	0	0	0	0	0	5.68264E-09	0	0	5.68264E-09	0.005682639
579265.014141256.41	579265.01	4141256	0.000841004	0	0	0	0	0	0	0	6.07262E-09	0	0	6.07262E-09	0.006072617
578385.014141276.41	578385.01	4141276	1.93066E-05	0	0	0	0	0	0	0	1.39407E-10	0	0	1.39407E-10	0.000139407
578405.014141276.41	578405.01	4141276	1.95561E-05	0	0	0	0	0	0	0	1.41209E-10	0	0	1.41209E-10	0.000141209
578425.014141276.41	578425.01	4141276	2.07779E-05	0	0	0	0	0	0	0	1.50031E-10	0	0	1.50031E-10	0.000150031
578445.014141276.41	578445.01	4141276	2.20891E-05	0	0	0	0	0	0	0	1.59499E-10	0	0	1.59499E-10	0.000159499
578465.014141276.41	578465.01	4141276	2.3296E-05	0	0	0	0	0	0	0	1.68213E-10	0	0	1.68213E-10	0.000168213
578485.014141276.41	578485.01	4141276	2.47488E-05	0	0	0	0	0	0	0	1.78703E-10	0	0	1.78703E-10	0.000178703
578505.014141276.41	578505.01	4141276	2.65293E-05	0	0	0	0	0	0	0	1.9156E-10	0	0	1.9156E-10	0.00019156
578525.014141276.41	578525.01	4141276	2.84961E-05	0	0	0	0	0	0	0	2.05761E-10	0	0	2.05761E-10	0.000205761
578545.014141276.41	578545.01	4141276	3.06976E-05	0	0	0	0	0	0	0	2.21657E-10	0	0	2.21657E-10	0.000221657
578565.014141276.41	578565.01	4141276	3.48435E-05	0	0	0	0	0	0	0	2.51593E-10	0	0	2.51593E-10	0.000251593
578585.014141276.41	578585.01	4141276	3.8222E-05	0	0	0	0	0	0	0	2.75989E-10	0	0	2.75989E-10	0.000275989
578605.014141276.41	578605.01	4141276	4.16416E-05	0	0	0	0	0	0	0	3.0068E-10	0	0	3.0068E-10	0.00030068
578625.014141276.41	578625.01	4141276	4.56236E-05	0	0	0	0	0	0	0	3.29433E-10	0	0	3.29433E-10	0.000329433
578645.014141276.41	578645.01	4141276	4.97881E-05	0	0	0	0	0	0	0	3.59504E-10	0	0	3.59504E-10	0.000359504
578665.014141276.41	578665.01	4141276	5.50329E-05	0	0	0	0	0	0	0	3.97375E-10	0	0	3.97375E-10	0.000397375
578685.014141276.41	578685.01	4141276	6.14771E-05	0	0	0	0	0	0	0	4.43906E-10	0	0	4.43906E-10	0.000443906
578705.014141276.41	578705.01	4141276	6.92399E-05	0	0	0	0	0	0	0	4.99959E-10	0	0	4.99959E-10	0.000499959
578725.014141276.41	578725.01	4141276	7.86753E-05	0	0	0	0	0	0	0	5.68089E-10	0	0	5.68089E-10	0.000568089
578745.014141276.41	578745.01	4141276	8.94927E-05	0	0	0	0	0	0	0	6.46198E-10	0	0	6.46198E-10	0.000646198
578765.014141276.41	578765.01	4141276	0.000103476	0	0	0	0	0	0	0	7.47169E-10	0	0	7.47169E-10	0.000747169
578785.014141276.41	578785.01	4141276	0.00012092	0	0	0	0	0	0	0	8.73127E-10	0	0	8.73127E-10	0.000873127
578985.014141276.41	578985.01	4141276	0.00042752	0	0	0	0	0	0	0	3.08698E-09	0	0	3.08698E-09	0.00308698
579005.014141276.41	579005.01	4141276	0.000447009	0	0	0	0	0	0	0	3.22771E-09	0	0	3.22771E-09	0.003227707
579025.014141276.41	579025.01	4141276	0.000466185	0	0	0	0	0	0	0	3.36617E-09	0	0	3.36617E-09	0.003366172
579045.014141276.41	579045.01	4141276	0.000485127	0	0	0	0	0	0	0	3.50294E-09	0	0	3.50294E-09	0.003502942
579065.014141276.41	579065.01	4141276	0.00050757	0	0	0	0	0	0	0	3.665E-09	0	0	3.665E-09	0.003664996
579085.014141276.41	579085.01	4141276	0.000530642	0	0	0	0	0	0	0	3.8316E-09	0	0	3.8316E-09	0.003831595
579105.014141276.41	579105.01	4141276	0.000558177	0	0	0	0	0	0	0	4.03042E-09	0	0	4.03042E-09	0.004030417
579125.014141276.41	579125.01	4141276	0.000589277	0	0	0	0	0	0	0	4.25498E-09	0	0	4.25498E-09	0.004254979
579145.014141276.41	579145.01	4141276	0.000625357	0	0	0	0	0	0	0	4.5155E-09	0	0	4.5155E-09	0.004515502
579165.014141276.41	579165.01	4141276	0.000665151	0	0	0	0	0	0	0	4.80284E-09	0	0	4.80284E-09	0.004802842
579185.014141276.41	579185.01	4141276	0.000709538	0	0	0	0	0	0	0	5.12335E-09	0	0	5.12335E-09	0.005123345
579205.014141276.41	579205.01	4141276	0.000759155	0	0	0	0	0	0	0	5.48161E-09	0	0	5.48161E-09	0.005481612
579225.014141276.41	579225.01	4141276	0.000814433	0	0	0	0	0	0	0	5.88076E-09	0	0	5.88076E-09	0.005880761
579245.014141276.41	579245.01	4141276	0.00087464	0	0	0	0	0	0	0	6.3155E-09	0	0	6.3155E-09	0.006315496
579265.014141276.41	579265.01	4141276	0.000942685	0	0	0	0	0	0	0	6.80682E-09	0	0	6.80682E-09	0.006806821
578385.014141296.41	578385.01	4141296	1.89155E-05	0	0	0	0	0	0	0	1.36582E-10	0	0	1.36582E-10	0.000136582
578405.014141296.41	578405.01	4141296	2.23387E-05	0	0	0	0	0	0	0	1.61301E-10	0	0	1.61301E-10	0.000161301
578425.014141296.41	578425.01	4141296	2.11989E-05	0	0	0	0	0	0	0	1.5307E-10	0	0	1.5307E-10	0.00015307
578445.014141296.41	578445.01	4141296	2.24207E-05	0	0	0	0	0	0	0	1.61892E-10	0	0	1.61892E-10	0.000161892
578465.014141296.41	578465.01	4141296	2.40187E-05	0	0	0	0	0	0	0	1.73431E-10	0	0	1.73431E-10	0.000173431
578485.014141296.41	578485.01	4141296	2.55645E-05	0	0	0	0	0	0	0	1.84593E-10	0	0	1.84593E-10	0.000184593
578505.014141296.41	578505.01	4141296	2.71886E-05	0	0	0	0	0	0	0	1.9632E-10	0	0	1.9632E-10	0.00019632
578525.014141296.41	578525.01	4141296	2.90884E-05	0	0	0	0	0	0	0	2.10038E-10	0	0	2.10038E-10	0.000210038
578545.014141296.41	578545.01	4141296	3.1342E-05	0	0	0	0	0	0	0	2.2631E-10	0	0	2.2631E-10	0.00022631
578565.014141296.41	578565.01	4141296	3.51675E-05	0	0	0	0	0	0	0	2.53933E-10	0	0	2.53933E-10	0.000253933
578585.014141296.41	578585.01	4141296	3.88329E-05	0	0	0	0	0	0	0	2.804E-10	0	0	2.804E-10	0.0002804
578605.014141296.41	578605.01	4141296	4.24275E-05	0	0	0	0	0	0	0	3.06355E-10	0	0	3.06355E-10	0.000306355
578625.014141296.41	578625.01	4141296	4.67634E-05	0	0	0	0	0	0	0	3.37663E-10	0	0	3.37663E-10	0.000337663
578645.014141296.41	578645.01	4141296	5.15388E-05	0	0	0	0	0	0	0	3.72145E-10	0	0	3.72145E-10	0.000372145
578665.014141296.41	578665.01	4141296	5.67762E-05	0	0	0	0	0	0	0	4.09962E-10	0	0	4.09962E-10	0.000409962
578685.014141296.41	578685.01	4141296	6.34364E-05	0	0	0	0	0	0	0	4.58054E-10	0	0	4.58054E-10	0.000458054
578705.014141296.41	578705.01	4141296	7.17469E-05	0	0	0	0	0	0	0	5.18061E-10	0	0	5.18061E-10	0.000518061
578725.014141296.41	578725.01	4141296	8.18937E-05	0	0	0	0	0	0	0	5.91328E-10	0	0	5.91328E-10	0.000591328
578745.014141296.41	578745.01	4141296	9.43649E-05	0	0	0	0	0	0	0	6.81379E-10	0	0	6.81379E-10	0.000681379
579005.014141296.41	579005.01	4141296	0.000486762	0	0	0	0	0	0	0	3.51475E-09	0	0	3.51475E-09	0.00351475
579025.014141296.41	579025.01	4141296	0.000506657	0	0	0	0	0	0	0	3.65841E-09	0	0	3.65841E-09	0.003658406

579045.014141296.41	579045.01	4141296	0.000527528	0	0	0	0	0	0	0	3.80911E-09	0	0	3.80911E-09	0.00380911
579065.014141296.41	579065.01	4141296	0.000549654	0	0	0	0	0	0	0	3.96888E-09	0	0	3.96888E-09	0.003968877
579085.014141296.41	579085.01	4141296	0.000576683	0	0	0	0	0	0	0	4.16404E-09	0	0	4.16404E-09	0.004164041
579105.014141296.41	579105.01	4141296	0.000609176	0	0	0	0	0	0	0	4.39866E-09	0	0	4.39866E-09	0.004398662
579125.014141296.41	579125.01	4141296	0.000645442	0	0	0	0	0	0	0	4.66053E-09	0	0	4.66053E-09	0.00466053
579145.014141296.41	579145.01	4141296	0.000685195	0	0	0	0	0	0	0	4.94757E-09	0	0	4.94757E-09	0.004947574
579165.014141296.41	579165.01	4141296	0.000732692	0	0	0	0	0	0	0	5.29054E-09	0	0	5.29054E-09	0.005290536
579185.014141296.41	579185.01	4141296	0.000783863	0	0	0	0	0	0	0	5.66002E-09	0	0	5.66002E-09	0.005660019
579205.014141296.41	579205.01	4141296	0.000841991	0	0	0	0	0	0	0	6.07974E-09	0	0	6.07974E-09	0.006079745
579225.014141296.41	579225.01	4141296	0.000907603	0	0	0	0	0	0	0	6.55351E-09	0	0	6.55351E-09	0.006553506
579245.014141296.41	579245.01	4141296	0.000978675	0	0	0	0	0	0	0	7.0667E-09	0	0	7.0667E-09	0.007066699
579265.014141296.41	579265.01	4141296	0.001062659	0	0	0	0	0	0	0	7.67312E-09	0	0	7.67312E-09	0.007673116
579285.014141296.41	579285.01	4141296	0.001154435	0	0	0	0	0	0	0	8.3358E-09	0	0	8.3358E-09	0.008335801
578385.014141316.41	578385.01	4141316	1.93997E-05	0	0	0	0	0	0	0	1.40079E-10	0	0	1.40079E-10	0.000140079
578405.014141316.41	578405.01	4141316	2.04166E-05	0	0	0	0	0	0	0	1.47422E-10	0	0	1.47422E-10	0.000147422
578425.014141316.41	578425.01	4141316	2.41341E-05	0	0	0	0	0	0	0	1.74265E-10	0	0	1.74265E-10	0.000174265
578445.014141316.41	578445.01	4141316	2.31843E-05	0	0	0	0	0	0	0	1.67406E-10	0	0	1.67406E-10	0.000167406
578465.014141316.41	578465.01	4141316	2.4231E-05	0	0	0	0	0	0	0	1.74964E-10	0	0	1.74964E-10	0.000174964
578485.014141316.41	578485.01	4141316	2.60078E-05	0	0	0	0	0	0	0	1.87794E-10	0	0	1.87794E-10	0.000187794
578505.014141316.41	578505.01	4141316	2.89282E-05	0	0	0	0	0	0	0	2.08881E-10	0	0	2.08881E-10	0.000208881
578525.014141316.41	578525.01	4141316	3.1856E-05	0	0	0	0	0	0	0	2.30022E-10	0	0	2.30022E-10	0.000230022
578545.014141316.41	578545.01	4141316	3.38787E-05	0	0	0	0	0	0	0	2.44627E-10	0	0	2.44627E-10	0.000244627
578565.014141316.41	578565.01	4141316	3.67581E-05	0	0	0	0	0	0	0	2.65418E-10	0	0	2.65418E-10	0.000265418
578585.014141316.41	578585.01	4141316	3.9753E-05	0	0	0	0	0	0	0	2.87044E-10	0	0	2.87044E-10	0.000287044
578605.014141316.41	578605.01	4141316	4.34742E-05	0	0	0	0	0	0	0	3.13914E-10	0	0	3.13914E-10	0.000313914
578625.014141316.41	578625.01	4141316	4.78623E-05	0	0	0	0	0	0	0	3.45598E-10	0	0	3.45598E-10	0.000345598
578645.014141316.41	578645.01	4141316	5.31443E-05	0	0	0	0	0	0	0	3.83738E-10	0	0	3.83738E-10	0.000383738
578665.014141316.41	578665.01	4141316	5.88808E-05	0	0	0	0	0	0	0	4.25159E-10	0	0	4.25159E-10	0.000425159
578685.014141316.41	578685.01	4141316	6.57832E-05	0	0	0	0	0	0	0	4.74999E-10	0	0	4.74999E-10	0.000474999
578705.014141316.41	578705.01	4141316	7.44475E-05	0	0	0	0	0	0	0	5.37561E-10	0	0	5.37561E-10	0.000537561
578725.014141316.41	578725.01	4141316	8.54287E-05	0	0	0	0	0	0	0	6.16853E-10	0	0	6.16853E-10	0.000616853
579025.014141316.41	579025.01	4141316	0.000550682	0	0	0	0	0	0	0	3.9763E-09	0	0	3.9763E-09	0.003976301
579045.014141316.41	579045.01	4141316	0.000572939	0	0	0	0	0	0	0	4.13701E-09	0	0	4.13701E-09	0.00413701
579065.014141316.41	579065.01	4141316	0.000599014	0	0	0	0	0	0	0	4.32529E-09	0	0	4.32529E-09	0.004325288
579085.014141316.41	579085.01	4141316	0.000631142	0	0	0	0	0	0	0	4.55727E-09	0	0	4.55727E-09	0.004557273
579105.014141316.41	579105.01	4141316	0.000668966	0	0	0	0	0	0	0	4.83038E-09	0	0	4.83038E-09	0.004830384
579125.014141316.41	579125.01	4141316	0.000710439	0	0	0	0	0	0	0	5.12985E-09	0	0	5.12985E-09	0.005129854
579145.014141316.41	579145.01	4141316	0.000756804	0	0	0	0	0	0	0	5.46464E-09	0	0	5.46464E-09	0.00546464
579165.014141316.41	579165.01	4141316	0.00081177	0	0	0	0	0	0	0	5.86153E-09	0	0	5.86153E-09	0.00586153
579185.014141316.41	579185.01	4141316	0.000873273	0	0	0	0	0	0	0	6.30562E-09	0	0	6.30562E-09	0.006305625
579205.014141316.41	579205.01	4141316	0.000941187	0	0	0	0	0	0	0	6.79601E-09	0	0	6.79601E-09	0.006796008
579225.014141316.41	579225.01	4141316	0.001019617	0	0	0	0	0	0	0	7.36232E-09	0	0	7.36232E-09	0.007362322
579245.014141316.41	579245.01	4141316	0.001112004	0	0	0	0	0	0	0	8.02942E-09	0	0	8.02942E-09	0.008029419
579265.014141316.41	579265.01	4141316	0.001217897	0	0	0	0	0	0	0	8.79404E-09	0	0	8.79404E-09	0.008794043
579285.014141316.41	579285.01	4141316	0.001333897	0	0	0	0	0	0	0	9.63164E-09	0	0	9.63164E-09	0.009631639
578385.014141336.41	578385.01	4141336	1.97945E-05	0	0	0	0	0	0	0	1.4293E-10	0	0	1.4293E-10	0.00014293
578405.014141336.41	578405.01	4141336	2.07928E-05	0	0	0	0	0	0	0	1.50138E-10	0	0	1.50138E-10	0.000150138
578425.014141336.41	578425.01	4141336	2.19513E-05	0	0	0	0	0	0	0	1.58503E-10	0	0	1.58503E-10	0.000158503
578445.014141336.41	578445.01	4141336	2.46854E-05	0	0	0	0	0	0	0	1.78246E-10	0	0	1.78246E-10	0.000178246
578465.014141336.41	578465.01	4141336	2.77064E-05	0	0	0	0	0	0	0	2.00059E-10	0	0	2.00059E-10	0.000200059
578485.014141336.41	578485.01	4141336	2.65703E-05	0	0	0	0	0	0	0	1.91855E-10	0	0	1.91855E-10	0.000191855
578505.014141336.41	578505.01	4141336	2.83099E-05	0	0	0	0	0	0	0	2.04416E-10	0	0	2.04416E-10	0.000204416
578525.014141336.41	578525.01	4141336	3.25265E-05	0	0	0	0	0	0	0	2.34864E-10	0	0	2.34864E-10	0.000234864
578545.014141336.41	578545.01	4141336	3.50856E-05	0	0	0	0	0	0	0	2.53342E-10	0	0	2.53342E-10	0.000253342
578565.014141336.41	578565.01	4141336	3.76409E-05	0	0	0	0	0	0	0	2.71793E-10	0	0	2.71793E-10	0.000271793
578585.014141336.41	578585.01	4141336	4.07178E-05	0	0	0	0	0	0	0	2.9401E-10	0	0	2.9401E-10	0.00029401
578605.014141336.41	578605.01	4141336	4.45396E-05	0	0	0	0	0	0	0	3.21606E-10	0	0	3.21606E-10	0.000321606
578625.014141336.41	578625.01	4141336	4.92033E-05	0	0	0	0	0	0	0	3.55281E-10	0	0	3.55281E-10	0.000355281
578645.014141336.41	578645.01	4141336	5.42692E-05	0	0	0	0	0	0	0	3.91861E-10	0	0	3.91861E-10	0.000391861
578665.014141336.41	578665.01	4141336	6.0896E-05	0	0	0	0	0	0	0	4.3971E-10	0	0	4.3971E-10	0.00043971
578685.014141336.41	578685.01	4141336	6.82193E-05	0	0	0	0	0	0	0	4.9259E-10	0	0	4.9259E-10	0.00049259
578705.014141336.41	578705.01	4141336	7.75466E-05	0	0	0	0	0	0	0	5.59939E-10	0	0	5.59939E-10	0.000559939
579025.014141336.41	579025.01	4141336	0.000601126	0	0	0	0	0	0	0	4.34054E-09	0	0	4.34054E-09	0.004340538
579045.014141336.41	579045.01	4141336	0.000625819	0	0	0	0	0	0	0	4.51884E-09	0	0	4.51884E-09	0.004518838
579065.014141336.41	579065.01	4141336	0.000656964	0	0	0	0	0	0	0	4.74372E-09	0	0	4.74372E-09	0.004743723
579085.014141336.41	579085.01	4141336	0.000694709	0	0	0	0	0	0	0	5.01627E-09	0	0	5.01627E-09	0.005016269
579105.014141336.41	579105.01	4141336	0.00073812	0	0	0	0	0	0	0	5.32972E-09	0	0	5.32972E-09	0.005329725
579125.014141336.41	579125.01	4141336	0.000787558	0	0	0	0	0	0	0	5.6867E-09	0	0	5.6867E-09	0.0056867
579145.014141336.41	579145.01	4141336	0.000844587	0	0	0	0	0	0	0	6.09849E-09	0	0	6.09849E-09	0.006098492
579165.014141336.41	579165.01	4141336	0.000907875	0	0	0	0	0	0	0	6.55547E-09	0	0	6.55547E-09	0.00655547
579185.014141336.41	579185.01	4141336	0.00098176	0	0	0	0	0	0	0	7.08897E-09	0	0	7.08897E-09	0.007088969

579205.014141336.41	579205.01	4141336	0.001062744	0	0	0	0	0	0	0	7.67373E-09	0	0	7.67373E-09	0.007673734
579225.014141336.41	579225.01	4141336	0.001166038	0	0	0	0	0	0	0	8.41959E-09	0	0	8.41959E-09	0.008419585
579245.014141336.41	579245.01	4141336	0.001281725	0	0	0	0	0	0	0	9.25492E-09	0	0	9.25492E-09	0.009254922
579265.014141336.41	579265.01	4141336	0.001414785	0	0	0	0	0	0	0	1.02157E-08	0	0	1.02157E-08	0.010215705
579285.014141336.41	579285.01	4141336	0.001567744	0	0	0	0	0	0	0	1.13202E-08	0	0	1.13202E-08	0.011320172
578385.014141356.41	578385.01	4141356	2.04203E-05	0	0	0	0	0	0	0	1.47449E-10	0	0	1.47449E-10	0.000147449
578405.014141356.41	578405.01	4141356	2.15453E-05	0	0	0	0	0	0	0	1.55572E-10	0	0	1.55572E-10	0.000155572
578425.014141356.41	578425.01	4141356	2.28192E-05	0	0	0	0	0	0	0	1.6477E-10	0	0	1.6477E-10	0.00016477
578445.014141356.41	578445.01	4141356	2.40783E-05	0	0	0	0	0	0	0	1.73861E-10	0	0	1.73861E-10	0.000173861
578465.014141356.41	578465.01	4141356	2.55645E-05	0	0	0	0	0	0	0	1.84593E-10	0	0	1.84593E-10	0.000184593
578485.014141356.41	578485.01	4141356	2.99712E-05	0	0	0	0	0	0	0	2.16412E-10	0	0	2.16412E-10	0.000216412
578505.014141356.41	578505.01	4141356	3.17368E-05	0	0	0	0	0	0	0	2.29161E-10	0	0	2.29161E-10	0.000229161
578525.014141356.41	578525.01	4141356	3.32231E-05	0	0	0	0	0	0	0	2.39893E-10	0	0	2.39893E-10	0.000239893
578545.014141356.41	578545.01	4141356	3.58604E-05	0	0	0	0	0	0	0	2.58936E-10	0	0	2.58936E-10	0.000258936
578565.014141356.41	578565.01	4141356	3.88664E-05	0	0	0	0	0	0	0	2.80642E-10	0	0	2.80642E-10	0.000280642
578585.014141356.41	578585.01	4141356	4.19321E-05	0	0	0	0	0	0	0	3.02778E-10	0	0	3.02778E-10	0.000302778
578605.014141356.41	578605.01	4141356	4.58694E-05	0	0	0	0	0	0	0	3.31208E-10	0	0	3.31208E-10	0.000331208
578625.014141356.41	578625.01	4141356	5.0399E-05	0	0	0	0	0	0	0	3.63915E-10	0	0	3.63915E-10	0.000363915
578645.014141356.41	578645.01	4141356	5.57816E-05	0	0	0	0	0	0	0	4.02781E-10	0	0	4.02781E-10	0.000402781
578665.014141356.41	578665.01	4141356	6.25648E-05	0	0	0	0	0	0	0	4.5176E-10	0	0	4.5176E-10	0.00045176
578685.014141356.41	578685.01	4141356	7.07188E-05	0	0	0	0	0	0	0	5.10637E-10	0	0	5.10637E-10	0.000510637
579025.014141356.41	579025.01	4141356	0.000659932	0	0	0	0	0	0	0	4.76516E-09	0	0	4.76516E-09	0.004765159
579045.014141356.41	579045.01	4141356	0.000688276	0	0	0	0	0	0	0	4.96982E-09	0	0	4.96982E-09	0.004969818
579065.014141356.41	579065.01	4141356	0.0007243	0	0	0	0	0	0	0	5.22994E-09	0	0	5.22994E-09	0.005229937
579085.014141356.41	579085.01	4141356	0.000768337	0	0	0	0	0	0	0	5.54791E-09	0	0	5.54791E-09	0.005547912
579105.014141356.41	579105.01	4141356	0.000819723	0	0	0	0	0	0	0	5.91895E-09	0	0	5.91895E-09	0.005918955
579125.014141356.41	579125.01	4141356	0.000879438	0	0	0	0	0	0	0	6.35014E-09	0	0	6.35014E-09	0.006350139
579145.014141356.41	579145.01	4141356	0.000947534	0	0	0	0	0	0	0	6.84184E-09	0	0	6.84184E-09	0.006841841
579165.014141356.41	579165.01	4141356	0.001023934	0	0	0	0	0	0	0	7.3935E-09	0	0	7.3935E-09	0.007393496
579185.014141356.41	579185.01	4141356	0.001114794	0	0	0	0	0	0	0	8.04956E-09	0	0	8.04956E-09	0.008049565
579205.014141356.41	579205.01	4141356	0.001221369	0	0	0	0	0	0	0	8.81911E-09	0	0	8.81911E-09	0.008819111
579225.014141356.41	579225.01	4141356	0.001348562	0	0	0	0	0	0	0	9.73753E-09	0	0	9.73753E-09	0.009737532
579245.014141356.41	579245.01	4141356	0.001497215	0	0	0	0	0	0	0	1.08109E-08	0	0	1.08109E-08	0.010810906
579265.014141356.41	579265.01	4141356	0.001673794	0	0	0	0	0	0	0	1.20859E-08	0	0	1.20859E-08	0.012085926
579285.014141356.41	579285.01	4141356	0.001875647	0	0	0	0	0	0	0	1.35434E-08	0	0	1.35434E-08	0.013543441
579305.014141356.41	579305.01	4141356	0.002115208	0	0	0	0	0	0	0	1.52732E-08	0	0	1.52732E-08	0.015273234
578385.014141376.41	578385.01	4141376	2.08971E-05	0	0	0	0	0	0	0	1.50892E-10	0	0	1.50892E-10	0.000150892
578405.014141376.41	578405.01	4141376	2.37803E-05	0	0	0	0	0	0	0	1.7171E-10	0	0	1.7171E-10	0.00017171
578425.014141376.41	578425.01	4141376	2.51026E-05	0	0	0	0	0	0	0	1.81258E-10	0	0	1.81258E-10	0.000181258
578445.014141376.41	578445.01	4141376	2.66932E-05	0	0	0	0	0	0	0	1.92743E-10	0	0	1.92743E-10	0.000192743
578465.014141376.41	578465.01	4141376	2.81981E-05	0	0	0	0	0	0	0	2.03609E-10	0	0	2.03609E-10	0.000203609
578485.014141376.41	578485.01	4141376	2.91964E-05	0	0	0	0	0	0	0	2.10818E-10	0	0	2.10818E-10	0.000210818
578505.014141376.41	578505.01	4141376	3.19678E-05	0	0	0	0	0	0	0	2.30829E-10	0	0	2.30829E-10	0.000230829
578525.014141376.41	578525.01	4141376	3.49776E-05	0	0	0	0	0	0	0	2.52562E-10	0	0	2.52562E-10	0.000252562
578545.014141376.41	578545.01	4141376	3.66575E-05	0	0	0	0	0	0	0	2.64692E-10	0	0	2.64692E-10	0.000264692
578565.014141376.41	578565.01	4141376	3.98722E-05	0	0	0	0	0	0	0	2.87904E-10	0	0	2.87904E-10	0.000287904
578585.014141376.41	578585.01	4141376	4.34146E-05	0	0	0	0	0	0	0	3.13483E-10	0	0	3.13483E-10	0.000313483
578605.014141376.41	578605.01	4141376	4.74004E-05	0	0	0	0	0	0	0	3.42263E-10	0	0	3.42263E-10	0.000342263
578625.014141376.41	578625.01	4141376	5.20045E-05	0	0	0	0	0	0	0	3.75507E-10	0	0	3.75507E-10	0.000375507
578645.014141376.41	578645.01	4141376	5.75994E-05	0	0	0	0	0	0	0	4.15906E-10	0	0	4.15906E-10	0.000415906
578665.014141376.41	578665.01	4141376	6.45316E-05	0	0	0	0	0	0	0	4.65962E-10	0	0	4.65962E-10	0.000465962
578685.014141376.41	578685.01	4141376	7.35013E-05	0	0	0	0	0	0	0	5.30729E-10	0	0	5.30729E-10	0.000530729
579005.014141376.41	579005.01	4141376	0.000703705	0	0	0	0	0	0	0	5.08122E-09	0	0	5.08122E-09	0.005081225
579025.014141376.41	579025.01	4141376	0.000726081	0	0	0	0	0	0	0	5.24279E-09	0	0	5.24279E-09	0.005242794
579045.014141376.41	579045.01	4141376	0.000758555	0	0	0	0	0	0	0	5.47728E-09	0	0	5.47728E-09	0.005477281
579065.014141376.41	579065.01	4141376	0.000802189	0	0	0	0	0	0	0	5.79235E-09	0	0	5.79235E-09	0.005792351
579085.014141376.41	579085.01	4141376	0.00085568	0	0	0	0	0	0	0	6.17859E-09	0	0	6.17859E-09	0.006178591
579105.014141376.41	579105.01	4141376	0.000916394	0	0	0	0	0	0	0	6.61698E-09	0	0	6.61698E-09	0.006616983
579125.014141376.41	579125.01	4141376	0.000987574	0	0	0	0	0	0	0	7.13096E-09	0	0	7.13096E-09	0.007130955
579145.014141376.41	579145.01	4141376	0.001070992	0	0	0	0	0	0	0	7.73328E-09	0	0	7.73328E-09	0.007733284
579165.014141376.41	579165.01	4141376	0.001169338	0	0	0	0	0	0	0	8.44342E-09	0	0	8.44342E-09	0.008443416
579185.014141376.41	579185.01	4141376	0.001285103	0	0	0	0	0	0	0	9.27932E-09	0	0	9.27932E-09	0.009279317
579205.014141376.41	579205.01	4141376	0.001422294	0	0	0	0	0	0	0	1.02699E-08	0	0	1.02699E-08	0.010269929
579225.014141376.41	579225.01	4141376	0.001588075	0	0	0	0	0	0	0	1.1467E-08	0	0	1.1467E-08	0.011466975
579245.014141376.41	579245.01	4141376	0.001787302	0	0	0	0	0	0	0	1.29055E-08	0	0	1.29055E-08	0.012905528
579265.014141376.41	579265.01	4141376	0.002018519	0	0	0	0	0	0	0	1.45751E-08	0	0	1.45751E-08	0.014575071
579285.014141376.41	579285.01	4141376	0.002303345	0	0	0	0	0	0	0	1.66317E-08	0	0	1.66317E-08	0.016631714
579305.014141376.41	579305.01	4141376	0.002659632	0	0	0	0	0	0	0	1.92043E-08	0	0	1.92043E-08	0.019204347
578385.014141396.41	578385.01	4141396	2.29794E-05	0	0	0	0	0	0	0	1.65927E-10	0	0	1.65927E-10	0.000165927
578405.014141396.41	578405.01	4141396	2.41863E-05	0	0	0	0	0	0	0	1.74641E-10	0	0	1.74641E-10	0.000174641
578425.014141396.41	578425.01	4141396	2.46594E-05	0	0	0	0	0	0	0	1.78057E-10	0	0	1.78057E-10	0.000178057

578445.014141396.41	578445.01	4141396	2.69912E-05	0	0	0	0	0	0	0	1.94895E-10	0	0	1.94895E-10	0.000194895
578465.014141396.41	578465.01	4141396	2.89319E-05	0	0	0	0	0	0	0	2.08908E-10	0	0	2.08908E-10	0.000208908
578485.014141396.41	578485.01	4141396	3.08428E-05	0	0	0	0	0	0	0	2.22706E-10	0	0	2.22706E-10	0.000222706
578505.014141396.41	578505.01	4141396	3.26159E-05	0	0	0	0	0	0	0	2.35509E-10	0	0	2.35509E-10	0.000235509
578525.014141396.41	578525.01	4141396	3.56369E-05	0	0	0	0	0	0	0	2.57322E-10	0	0	2.57322E-10	0.000257322
578545.014141396.41	578545.01	4141396	3.76484E-05	0	0	0	0	0	0	0	2.71847E-10	0	0	2.71847E-10	0.000271847
578565.014141396.41	578565.01	4141396	4.06358E-05	0	0	0	0	0	0	0	2.93418E-10	0	0	2.93418E-10	0.000293418
578585.014141396.41	578585.01	4141396	4.42863E-05	0	0	0	0	0	0	0	3.19777E-10	0	0	3.19777E-10	0.000319777
578605.014141396.41	578605.01	4141396	4.85588E-05	0	0	0	0	0	0	0	3.50628E-10	0	0	3.50628E-10	0.000350628
578625.014141396.41	578625.01	4141396	5.36621E-05	0	0	0	0	0	0	0	3.87476E-10	0	0	3.87476E-10	0.000387476
578645.014141396.41	578645.01	4141396	5.95848E-05	0	0	0	0	0	0	0	4.30243E-10	0	0	4.30243E-10	0.000430243
578665.014141396.41	578665.01	4141396	6.67703E-05	0	0	0	0	0	0	0	4.82127E-10	0	0	4.82127E-10	0.000482127
579005.014141396.41	579005.01	4141396	0.000776375	0	0	0	0	0	0	0	5.60596E-09	0	0	5.60596E-09	0.005605956
579025.014141396.41	579025.01	4141396	0.000801772	0	0	0	0	0	0	0	5.78934E-09	0	0	5.78934E-09	0.005789339
579045.014141396.41	579045.01	4141396	0.000840374	0	0	0	0	0	0	0	6.06807E-09	0	0	6.06807E-09	0.006068071
579065.014141396.41	579065.01	4141396	0.000892449	0	0	0	0	0	0	0	6.44409E-09	0	0	6.44409E-09	0.00644409
579085.014141396.41	579085.01	4141396	0.000957167	0	0	0	0	0	0	0	6.9114E-09	0	0	6.9114E-09	0.006911396
579105.014141396.41	579105.01	4141396	0.001033306	0	0	0	0	0	0	0	7.46117E-09	0	0	7.46117E-09	0.007461168
579125.014141396.41	579125.01	4141396	0.001124858	0	0	0	0	0	0	0	8.12224E-09	0	0	8.12224E-09	0.00812224
579145.014141396.41	579145.01	4141396	0.001231337	0	0	0	0	0	0	0	8.89109E-09	0	0	8.89109E-09	0.008891087
579165.014141396.41	579165.01	4141396	0.001355554	0	0	0	0	0	0	0	9.78802E-09	0	0	9.78802E-09	0.009788018
579185.014141396.41	579185.01	4141396	0.00150528	0	0	0	0	0	0	0	1.08691E-08	0	0	1.08691E-08	0.010869138
579205.014141396.41	579205.01	4141396	0.001689912	0	0	0	0	0	0	0	1.22023E-08	0	0	1.22023E-08	0.012202309
579225.014141396.41	579225.01	4141396	0.001913314	0	0	0	0	0	0	0	1.38154E-08	0	0	1.38154E-08	0.013815422
579245.014141396.41	579245.01	4141396	0.002185811	0	0	0	0	0	0	0	1.5783E-08	0	0	1.5783E-08	0.015783037
579265.014141396.41	579265.01	4141396	0.002516593	0	0	0	0	0	0	0	1.81715E-08	0	0	1.81715E-08	0.018171507
579285.014141396.41	579285.01	4141396	0.002934856	0	0	0	0	0	0	0	2.11917E-08	0	0	2.11917E-08	0.021191651
579305.014141396.41	579305.01	4141396	0.003478152	0	0	0	0	0	0	0	2.51146E-08	0	0	2.51146E-08	0.025114615
578385.014141416.41	578385.01	4141416	2.33184E-05	0	0	0	0	0	0	0	1.68374E-10	0	0	1.68374E-10	0.000168374
578405.014141416.41	578405.01	4141416	2.43465E-05	0	0	0	0	0	0	0	1.75798E-10	0	0	1.75798E-10	0.000175798
578425.014141416.41	578425.01	4141416	2.59557E-05	0	0	0	0	0	0	0	1.87417E-10	0	0	1.87417E-10	0.000187417
578445.014141416.41	578445.01	4141416	2.75909E-05	0	0	0	0	0	0	0	1.99225E-10	0	0	1.99225E-10	0.000199225
578465.014141416.41	578465.01	4141416	2.93938E-05	0	0	0	0	0	0	0	2.12243E-10	0	0	2.12243E-10	0.000212243
578485.014141416.41	578485.01	4141416	3.15394E-05	0	0	0	0	0	0	0	2.27736E-10	0	0	2.27736E-10	0.000227736
578505.014141416.41	578505.01	4141416	3.35025E-05	0	0	0	0	0	0	0	2.41911E-10	0	0	2.41911E-10	0.000241911
578525.014141416.41	578525.01	4141416	3.59833E-05	0	0	0	0	0	0	0	2.59824E-10	0	0	2.59824E-10	0.000259824
578545.014141416.41	578545.01	4141416	3.88031E-05	0	0	0	0	0	0	0	2.80185E-10	0	0	2.80185E-10	0.000280185
578565.014141416.41	578565.01	4141416	4.16043E-05	0	0	0	0	0	0	0	3.00411E-10	0	0	3.00411E-10	0.000300411
578585.014141416.41	578585.01	4141416	4.53069E-05	0	0	0	0	0	0	0	3.27147E-10	0	0	3.27147E-10	0.000327147
578605.014141416.41	578605.01	4141416	4.97173E-05	0	0	0	0	0	0	0	3.58993E-10	0	0	3.58993E-10	0.000358993
578625.014141416.41	578625.01	4141416	5.49695E-05	0	0	0	0	0	0	0	3.96917E-10	0	0	3.96917E-10	0.000396917
578645.014141416.41	578645.01	4141416	6.12312E-05	0	0	0	0	0	0	0	4.42131E-10	0	0	4.42131E-10	0.000442131
578665.014141416.41	578665.01	4141416	6.91505E-05	0	0	0	0	0	0	0	4.99314E-10	0	0	4.99314E-10	0.000499314
579025.014141416.41	579025.01	4141416	0.000890993	0	0	0	0	0	0	0	6.43357E-09	0	0	6.43357E-09	0.006433573
579045.014141416.41	579045.01	4141416	0.000939183	0	0	0	0	0	0	0	6.78154E-09	0	0	6.78154E-09	0.006781538
579065.014141416.41	579065.01	4141416	0.001003644	0	0	0	0	0	0	0	7.24699E-09	0	0	7.24699E-09	0.007246989
579085.014141416.41	579085.01	4141416	0.001086674	0	0	0	0	0	0	0	7.84652E-09	0	0	7.84652E-09	0.00784652
579105.014141416.41	579105.01	4141416	0.001183937	0	0	0	0	0	0	0	8.54882E-09	0	0	8.54882E-09	0.008548825
579125.014141416.41	579125.01	4141416	0.001300827	0	0	0	0	0	0	0	9.39285E-09	0	0	9.39285E-09	0.009392849
579145.014141416.41	579145.01	4141416	0.001436755	0	0	0	0	0	0	0	1.03743E-08	0	0	1.03743E-08	0.010374343
579165.014141416.41	579165.01	4141416	0.001599749	0	0	0	0	0	0	0	1.15513E-08	0	0	1.15513E-08	0.01155127
579185.014141416.41	579185.01	4141416	0.001799661	0	0	0	0	0	0	0	1.29948E-08	0	0	1.29948E-08	0.012994772
579205.014141416.41	579205.01	4141416	0.00204824	0	0	0	0	0	0	0	1.47897E-08	0	0	1.47897E-08	0.014789681
579225.014141416.41	579225.01	4141416	0.002366383	0	0	0	0	0	0	0	1.70869E-08	0	0	1.70869E-08	0.01708689
579245.014141416.41	579245.01	4141416	0.002762427	0	0	0	0	0	0	0	1.99466E-08	0	0	1.99466E-08	0.019946594
579265.014141416.41	579265.01	4141416	0.003270164	0	0	0	0	0	0	0	2.36128E-08	0	0	2.36128E-08	0.0236128
579285.014141416.41	579285.01	4141416	0.003892679	0	0	0	0	0	0	0	2.81078E-08	0	0	2.81078E-08	0.028107781
579305.014141416.41	579305.01	4141416	0.004808279	0	0	0	0	0	0	0	3.4719E-08	0	0	3.4719E-08	0.034719034
578385.014141436.41	578385.01	4141436	2.36723E-05	0	0	0	0	0	0	0	1.7093E-10	0	0	1.7093E-10	0.00017093
578405.014141436.41	578405.01	4141436	2.49723E-05	0	0	0	0	0	0	0	1.80317E-10	0	0	1.80317E-10	0.000180317
578425.014141436.41	578425.01	4141436	2.64772E-05	0	0	0	0	0	0	0	1.91183E-10	0	0	1.91183E-10	0.000191183
578445.014141436.41	578445.01	4141436	2.8321E-05	0	0	0	0	0	0	0	2.04497E-10	0	0	2.04497E-10	0.000204497
578465.014141436.41	578465.01	4141436	3.02468E-05	0	0	0	0	0	0	0	2.18403E-10	0	0	2.18403E-10	0.000218403
578485.014141436.41	578485.01	4141436	3.2385E-05	0	0	0	0	0	0	0	2.33841E-10	0	0	2.33841E-10	0.000233841
578505.014141436.41	578505.01	4141436	3.42884E-05	0	0	0	0	0	0	0	2.47586E-10	0	0	2.47586E-10	0.000247586
578525.014141436.41	578525.01	4141436	3.70524E-05	0	0	0	0	0	0	0	2.67543E-10	0	0	2.67543E-10	0.000267543
578545.014141436.41	578545.01	4141436	3.97902E-05	0	0	0	0	0	0	0	2.87313E-10	0	0	2.87313E-10	0.000287313
578565.014141436.41	578565.01	4141436	4.27516E-05	0	0	0	0	0	0	0	3.08696E-10	0	0	3.08696E-10	0.000308696
578585.014141436.41	578585.01	4141436	4.67224E-05	0	0	0	0	0	0	0	3.37368E-10	0	0	3.37368E-10	0.000337368
578605.014141436.41	578605.01	4141436	5.12185E-05	0	0	0	0	0	0	0	3.69832E-10	0	0	3.69832E-10	0.000369832
578625.014141436.41	578625.01	4141436	5.66532E-05	0	0	0	0	0	0	0	4.09075E-10	0	0	4.09075E-10	0.000409075

578645.014141436.41	578645.01	4141436	6.31384E-05	0	0	0	0	0	0	0	4.55902E-10	0	0	4.55902E-10	0.000455902
579025.014141436.41	579025.01	4141436	0.000997922	0	0	0	0	0	0	0	7.20567E-09	0	0	7.20567E-09	0.007205675
579045.014141436.41	579045.01	4141436	0.001062346	0	0	0	0	0	0	0	7.67086E-09	0	0	7.67086E-09	0.007670857
579065.014141436.41	579065.01	4141436	0.001146922	0	0	0	0	0	0	0	8.28155E-09	0	0	8.28155E-09	0.00828155
579085.014141436.41	579085.01	4141436	0.001253922	0	0	0	0	0	0	0	9.05416E-09	0	0	9.05416E-09	0.009054163
579105.014141436.41	579105.01	4141436	0.001379208	0	0	0	0	0	0	0	9.95881E-09	0	0	9.95881E-09	0.009958813
579125.014141436.41	579125.01	4141436	0.001530315	0	0	0	0	0	0	0	1.10499E-08	0	0	1.10499E-08	0.011049912
579145.014141436.41	579145.01	4141436	0.001711997	0	0	0	0	0	0	0	1.23618E-08	0	0	1.23618E-08	0.01236178
579165.014141436.41	579165.01	4141436	0.001932505	0	0	0	0	0	0	0	1.3954E-08	0	0	1.3954E-08	0.013953995
579185.014141436.41	579185.01	4141436	0.002210754	0	0	0	0	0	0	0	1.59631E-08	0	0	1.59631E-08	0.015963139
579205.014141436.41	579205.01	4141436	0.002571645	0	0	0	0	0	0	0	1.8569E-08	0	0	1.8569E-08	0.018569016
579225.014141436.41	579225.01	4141436	0.003049295	0	0	0	0	0	0	0	2.2018E-08	0	0	2.2018E-08	0.022017977
579245.014141436.41	579245.01	4141436	0.003680396	0	0	0	0	0	0	0	2.6575E-08	0	0	2.6575E-08	0.026574954
579265.014141436.41	579265.01	4141436	0.004485588	0	0	0	0	0	0	0	3.2389E-08	0	0	3.2389E-08	0.032388984
579285.014141436.41	579285.01	4141436	0.004168004	0	0	0	0	0	0	0	3.00958E-08	0	0	3.00958E-08	0.03009581
579305.014141436.41	579305.01	4141436	0.002685108	0	0	0	0	0	0	0	1.93883E-08	0	0	1.93883E-08	0.019388295
579325.014141436.41	579325.01	4141436	0.003254538	0	0	0	0	0	0	0	2.35E-08	0	0	2.35E-08	0.023499968
578385.014141456.41	578385.01	4141456	2.42347E-05	0	0	0	0	0	0	0	1.74991E-10	0	0	1.74991E-10	0.000174991
578405.014141456.41	578405.01	4141456	2.55087E-05	0	0	0	0	0	0	0	1.8419E-10	0	0	1.8419E-10	0.00018419
578425.014141456.41	578425.01	4141456	2.69875E-05	0	0	0	0	0	0	0	1.94868E-10	0	0	1.94868E-10	0.000194868
578445.014141456.41	578445.01	4141456	2.87941E-05	0	0	0	0	0	0	0	2.07913E-10	0	0	2.07913E-10	0.000207913
578465.014141456.41	578465.01	4141456	3.07721E-05	0	0	0	0	0	0	0	2.22195E-10	0	0	2.22195E-10	0.000222195
578485.014141456.41	578485.01	4141456	3.30704E-05	0	0	0	0	0	0	0	2.38791E-10	0	0	2.38791E-10	0.000238791
578505.014141456.41	578505.01	4141456	3.50372E-05	0	0	0	0	0	0	0	2.52992E-10	0	0	2.52992E-10	0.000252992
578525.014141456.41	578525.01	4141456	3.82034E-05	0	0	0	0	0	0	0	2.75854E-10	0	0	2.75854E-10	0.000275854
578545.014141456.41	578545.01	4141456	4.07029E-05	0	0	0	0	0	0	0	2.93902E-10	0	0	2.93902E-10	0.000293902
578565.014141456.41	578565.01	4141456	4.42937E-05	0	0	0	0	0	0	0	3.19831E-10	0	0	3.19831E-10	0.000319831
578585.014141456.41	578585.01	4141456	4.84806E-05	0	0	0	0	0	0	0	3.50063E-10	0	0	3.50063E-10	0.000350063
578605.014141456.41	578605.01	4141456	5.30288E-05	0	0	0	0	0	0	0	3.82904E-10	0	0	3.82904E-10	0.000382904
578625.014141456.41	578625.01	4141456	5.85418E-05	0	0	0	0	0	0	0	4.22711E-10	0	0	4.22711E-10	0.000422711
578645.014141456.41	578645.01	4141456	6.54144E-05	0	0	0	0	0	0	0	4.72336E-10	0	0	4.72336E-10	0.000472336
579045.014141456.41	579045.01	4141456	0.001217558	0	0	0	0	0	0	0	8.7916E-09	0	0	8.7916E-09	0.008791596
579065.014141456.41	579065.01	4141456	0.001332511	0	0	0	0	0	0	0	9.62163E-09	0	0	9.62163E-09	0.009621634
579085.014141456.41	579085.01	4141456	0.00146917	0	0	0	0	0	0	0	1.06084E-08	0	0	1.06084E-08	0.0106084
579105.014141456.41	579105.01	4141456	0.001634734	0	0	0	0	0	0	0	1.18039E-08	0	0	1.18039E-08	0.011803885
579125.014141456.41	579125.01	4141456	0.001838635	0	0	0	0	0	0	0	1.32762E-08	0	0	1.32762E-08	0.013276194
579145.014141456.41	579145.01	4141456	0.002091901	0	0	0	0	0	0	0	1.51049E-08	0	0	1.51049E-08	0.01510494
579165.014141456.41	579165.01	4141456	0.002406241	0	0	0	0	0	0	0	1.73747E-08	0	0	1.73747E-08	0.017374687
579185.014141456.41	579185.01	4141456	0.002821755	0	0	0	0	0	0	0	2.0375E-08	0	0	2.0375E-08	0.02037498
579205.014141456.41	579205.01	4141456	0.003384134	0	0	0	0	0	0	0	2.44357E-08	0	0	2.44357E-08	0.024435737
579225.014141456.41	579225.01	4141456	0.004174522	0	0	0	0	0	0	0	3.01429E-08	0	0	3.01429E-08	0.030142879
579245.014141456.41	579245.01	4141456	0.003620621	0	0	0	0	0	0	0	2.61433E-08	0	0	2.61433E-08	0.02614334
579265.014141456.41	579265.01	4141456	0.004426949	0	0	0	0	0	0	0	3.19656E-08	0	0	3.19656E-08	0.031965574
578385.014141476.41	578385.01	4141476	2.47525E-05	0	0	0	0	0	0	0	1.7873E-10	0	0	1.7873E-10	0.00017873
578405.014141476.41	578405.01	4141476	2.61419E-05	0	0	0	0	0	0	0	1.88762E-10	0	0	1.88762E-10	0.000188762
578425.014141476.41	578425.01	4141476	2.76245E-05	0	0	0	0	0	0	0	1.99467E-10	0	0	1.99467E-10	0.000199467
578445.014141476.41	578445.01	4141476	2.92411E-05	0	0	0	0	0	0	0	2.11141E-10	0	0	2.11141E-10	0.000211141
578465.014141476.41	578465.01	4141476	3.12302E-05	0	0	0	0	0	0	0	2.25503E-10	0	0	2.25503E-10	0.000225503
578485.014141476.41	578485.01	4141476	3.37446E-05	0	0	0	0	0	0	0	2.43659E-10	0	0	2.43659E-10	0.000243659
578505.014141476.41	578505.01	4141476	3.5987E-05	0	0	0	0	0	0	0	2.59851E-10	0	0	2.59851E-10	0.000259851
578525.014141476.41	578525.01	4141476	3.95071E-05	0	0	0	0	0	0	0	2.85268E-10	0	0	2.85268E-10	0.000285268
578545.014141476.41	578545.01	4141476	4.17012E-05	0	0	0	0	0	0	0	3.01111E-10	0	0	3.01111E-10	0.000301111
578565.014141476.41	578565.01	4141476	4.53703E-05	0	0	0	0	0	0	0	3.27604E-10	0	0	3.27604E-10	0.000327604
578585.014141476.41	578585.01	4141476	4.96465E-05	0	0	0	0	0	0	0	3.58482E-10	0	0	3.58482E-10	0.000358482
578605.014141476.41	578605.01	4141476	5.47162E-05	0	0	0	0	0	0	0	3.95088E-10	0	0	3.95088E-10	0.000395088
578625.014141476.41	578625.01	4141476	6.07023E-05	0	0	0	0	0	0	0	4.38312E-10	0	0	4.38312E-10	0.000438312
578645.014141476.41	578645.01	4141476	6.81448E-05	0	0	0	0	0	0	0	4.92052E-10	0	0	4.92052E-10	0.000492052
579065.014141476.41	579065.01	4141476	0.00157123	0	0	0	0	0	0	0	1.13453E-08	0	0	1.13453E-08	0.011345347
579085.014141476.41	579085.01	4141476	0.00176132	0	0	0	0	0	0	0	1.27179E-08	0	0	1.27179E-08	0.012717922
579105.014141476.41	579105.01	4141476	0.001986752	0	0	0	0	0	0	0	1.43457E-08	0	0	1.43457E-08	0.014345695
579125.014141476.41	579125.01	4141476	0.002266584	0	0	0	0	0	0	0	1.63663E-08	0	0	1.63663E-08	0.016366269
579145.014141476.41	579145.01	4141476	0.002633632	0	0	0	0	0	0	0	1.90166E-08	0	0	1.90166E-08	0.019016607
579165.014141476.41	579165.01	4141476	0.003128358	0	0	0	0	0	0	0	2.25889E-08	0	0	2.25889E-08	0.022588863
579185.014141476.41	579185.01	4141476	0.003771308	0	0	0	0	0	0	0	2.72314E-08	0	0	2.72314E-08	0.027231399
579205.014141476.41	579205.01	4141476	0.004707265	0	0	0	0	0	0	0	3.39896E-08	0	0	3.39896E-08	0.033989645
579225.014141476.41	579225.01	4141476	0.003813825	0	0	0	0	0	0	0	2.75384E-08	0	0	2.75384E-08	0.0275384
578385.014141496.41	578385.01	4141496	2.52405E-05	0	0	0	0	0	0	0	1.82253E-10	0	0	1.82253E-10	0.000182253
578405.014141496.41	578405.01	4141496	2.67342E-05	0	0	0	0	0	0	0	1.93039E-10	0	0	1.93039E-10	0.000193039
578425.014141496.41	578425.01	4141496	2.82614E-05	0	0	0	0	0	0	0	2.04067E-10	0	0	2.04067E-10	0.000204067
578445.014141496.41	578445.01	4141496	2.99041E-05	0	0	0	0	0	0	0	2.15928E-10	0	0	2.15928E-10	0.000215928
578465.014141496.41	578465.01	4141496	3.19343E-05	0	0	0	0	0	0	0	2.30587E-10	0	0	2.30587E-10	0.000230587

578485.014141496.41	578485.01	4141496	3.43965E-05	0	0	0	0	0	0	0	2.48366E-10	0	0	2.48366E-10	0.000248366
578505.014141496.41	578505.01	4141496	3.67358E-05	0	0	0	0	0	0	0	2.65257E-10	0	0	2.65257E-10	0.000265257
578525.014141496.41	578525.01	4141496	4.04496E-05	0	0	0	0	0	0	0	2.92073E-10	0	0	2.92073E-10	0.000292073
578545.014141496.41	578545.01	4141496	4.28112E-05	0	0	0	0	0	0	0	3.09126E-10	0	0	3.09126E-10	0.000309126
578565.014141496.41	578565.01	4141496	4.64244E-05	0	0	0	0	0	0	0	3.35216E-10	0	0	3.35216E-10	0.000335216
578585.014141496.41	578585.01	4141496	5.08497E-05	0	0	0	0	0	0	0	3.67169E-10	0	0	3.67169E-10	0.000367169
578605.014141496.41	578605.01	4141496	5.59939E-05	0	0	0	0	0	0	0	4.04314E-10	0	0	4.04314E-10	0.000404314
578625.014141496.41	578625.01	4141496	6.22034E-05	0	0	0	0	0	0	0	4.49151E-10	0	0	4.49151E-10	0.000449151
578645.014141496.41	578645.01	4141496	7.04208E-05	0	0	0	0	0	0	0	5.08486E-10	0	0	5.08486E-10	0.000508486
579085.014141496.41	579085.01	4141496	0.002169868	0	0	0	0	0	0	0	1.56679E-08	0	0	1.56679E-08	0.015667918
579105.014141496.41	579105.01	4141496	0.002501682	0	0	0	0	0	0	0	1.80638E-08	0	0	1.80638E-08	0.018063839
579125.014141496.41	579125.01	4141496	0.002910607	0	0	0	0	0	0	0	2.10166E-08	0	0	2.10166E-08	0.021016552
579145.014141496.41	579145.01	4141496	0.003469894	0	0	0	0	0	0	0	2.5055E-08	0	0	2.5055E-08	0.025054984
579165.014141496.41	579165.01	4141496	0.00427833	0	0	0	0	0	0	0	3.08924E-08	0	0	3.08924E-08	0.030892442
579185.014141496.41	579185.01	4141496	0.004632099	0	0	0	0	0	0	0	3.34469E-08	0	0	3.34469E-08	0.033446892
579205.014141496.41	579205.01	4141496	0.00328943	0	0	0	0	0	0	0	2.37519E-08	0	0	2.37519E-08	0.023751911
578385.014141516.41	578385.01	4141516	2.53746E-05	0	0	0	0	0	0	0	1.83222E-10	0	0	1.83222E-10	0.000183222
578405.014141516.41	578405.01	4141516	2.70545E-05	0	0	0	0	0	0	0	1.95352E-10	0	0	1.95352E-10	0.000195352
578425.014141516.41	578425.01	4141516	2.89021E-05	0	0	0	0	0	0	0	2.08693E-10	0	0	2.08693E-10	0.000208693
578445.014141516.41	578445.01	4141516	3.05113E-05	0	0	0	0	0	0	0	2.20312E-10	0	0	2.20312E-10	0.000220312
578465.014141516.41	578465.01	4141516	3.25526E-05	0	0	0	0	0	0	0	2.35052E-10	0	0	2.35052E-10	0.000235052
578485.014141516.41	578485.01	4141516	3.51377E-05	0	0	0	0	0	0	0	2.53718E-10	0	0	2.53718E-10	0.000253718
578505.014141516.41	578505.01	4141516	3.74919E-05	0	0	0	0	0	0	0	2.70717E-10	0	0	2.70717E-10	0.000270717
578525.014141516.41	578525.01	4141516	4.12728E-05	0	0	0	0	0	0	0	2.98017E-10	0	0	2.98017E-10	0.000298017
578545.014141516.41	578545.01	4141516	4.38244E-05	0	0	0	0	0	0	0	3.16442E-10	0	0	3.16442E-10	0.000316442
578565.014141516.41	578565.01	4141516	4.78585E-05	0	0	0	0	0	0	0	3.45571E-10	0	0	3.45571E-10	0.000345571
578585.014141516.41	578585.01	4141516	5.22578E-05	0	0	0	0	0	0	0	3.77336E-10	0	0	3.77336E-10	0.000377336
578605.014141516.41	578605.01	4141516	5.75509E-05	0	0	0	0	0	0	0	4.15557E-10	0	0	4.15557E-10	0.000415557
578625.014141516.41	578625.01	4141516	6.42522E-05	0	0	0	0	0	0	0	4.63944E-10	0	0	4.63944E-10	0.000463944
578645.014141516.41	578645.01	4141516	7.27563E-05	0	0	0	0	0	0	0	5.2535E-10	0	0	5.2535E-10	0.00052535
579085.014141516.41	579085.01	4141516	0.002767135	0	0	0	0	0	0	0	1.99806E-08	0	0	1.99806E-08	0.019980591
579105.014141516.41	579105.01	4141516	0.003292626	0	0	0	0	0	0	0	2.3775E-08	0	0	2.3775E-08	0.023774989
579125.014141516.41	579125.01	4141516	0.00395559	0	0	0	0	0	0	0	2.8562E-08	0	0	2.8562E-08	0.028562042
579145.014141516.41	579145.01	4141516	0.004879129	0	0	0	0	0	0	0	3.52306E-08	0	0	3.52306E-08	0.035230613
579165.014141516.41	579165.01	4141516	0.002730135	0	0	0	0	0	0	0	1.97134E-08	0	0	1.97134E-08	0.019713425
578385.014141536.41	578385.01	4141536	2.56763E-05	0	0	0	0	0	0	0	1.854E-10	0	0	1.854E-10	0.0001854
578405.014141536.41	578405.01	4141536	2.72371E-05	0	0	0	0	0	0	0	1.9667E-10	0	0	1.9667E-10	0.00019667
578425.014141536.41	578425.01	4141536	2.90101E-05	0	0	0	0	0	0	0	2.09473E-10	0	0	2.09473E-10	0.000209473
578445.014141536.41	578445.01	4141536	3.11595E-05	0	0	0	0	0	0	0	2.24992E-10	0	0	2.24992E-10	0.000224992
578465.014141536.41	578465.01	4141536	3.32604E-05	0	0	0	0	0	0	0	2.40162E-10	0	0	2.40162E-10	0.000240162
578485.014141536.41	578485.01	4141536	3.57524E-05	0	0	0	0	0	0	0	2.58156E-10	0	0	2.58156E-10	0.000258156
578505.014141536.41	578505.01	4141536	3.82332E-05	0	0	0	0	0	0	0	2.7607E-10	0	0	2.7607E-10	0.00027607
578525.014141536.41	578525.01	4141536	4.2096E-05	0	0	0	0	0	0	0	3.03962E-10	0	0	3.03962E-10	0.000303962
578545.014141536.41	578545.01	4141536	4.47854E-05	0	0	0	0	0	0	0	3.23381E-10	0	0	3.23381E-10	0.000323381
578565.014141536.41	578565.01	4141536	4.91176E-05	0	0	0	0	0	0	0	3.54662E-10	0	0	3.54662E-10	0.000354662
578585.014141536.41	578585.01	4141536	5.3893E-05	0	0	0	0	0	0	0	3.89144E-10	0	0	3.89144E-10	0.000389144
578605.014141536.41	578605.01	4141536	5.93687E-05	0	0	0	0	0	0	0	4.28683E-10	0	0	4.28683E-10	0.000428683
578625.014141536.41	578625.01	4141536	6.63866E-05	0	0	0	0	0	0	0	4.79356E-10	0	0	4.79356E-10	0.000479356
578645.014141536.41	578645.01	4141536	7.4887E-05	0	0	0	0	0	0	0	5.40735E-10	0	0	5.40735E-10	0.000540735
578665.014141536.41	578665.01	4141536	8.56559E-05	0	0	0	0	0	0	0	6.18494E-10	0	0	6.18494E-10	0.000618494
579105.014141536.41	579105.01	4141536	0.004579554	0	0	0	0	0	0	0	3.30675E-08	0	0	3.30675E-08	0.033067485
579125.014141536.41	579125.01	4141536	0.004302699	0	0	0	0	0	0	0	3.10684E-08	0	0	3.10684E-08	0.031068401
579185.014141536.41	579185.01	4141536	0.001900999	0	0	0	0	0	0	0	1.37265E-08	0	0	1.37265E-08	0.013726501
578385.014141556.41	578385.01	4141556	2.59668E-05	0	0	0	0	0	0	0	1.87498E-10	0	0	1.87498E-10	0.000187498
578405.014141556.41	578405.01	4141556	2.75015E-05	0	0	0	0	0	0	0	1.9858E-10	0	0	1.9858E-10	0.00019858
578425.014141556.41	578425.01	4141556	2.92113E-05	0	0	0	0	0	0	0	2.10925E-10	0	0	2.10925E-10	0.000210925
578445.014141556.41	578445.01	4141556	3.12563E-05	0	0	0	0	0	0	0	2.25692E-10	0	0	2.25692E-10	0.000225692
578465.014141556.41	578465.01	4141556	3.3644E-05	0	0	0	0	0	0	0	2.42933E-10	0	0	2.42933E-10	0.000242933
578485.014141556.41	578485.01	4141556	3.61211E-05	0	0	0	0	0	0	0	2.60819E-10	0	0	2.60819E-10	0.000260819
578505.014141556.41	578505.01	4141556	3.88068E-05	0	0	0	0	0	0	0	2.80212E-10	0	0	2.80212E-10	0.000280212
578525.014141556.41	578525.01	4141556	4.25542E-05	0	0	0	0	0	0	0	3.0727E-10	0	0	3.0727E-10	0.00030727
578545.014141556.41	578545.01	4141556	4.5415E-05	0	0	0	0	0	0	0	3.27927E-10	0	0	3.27927E-10	0.000327927
578565.014141556.41	578565.01	4141556	4.97955E-05	0	0	0	0	0	0	0	3.59558E-10	0	0	3.59558E-10	0.000359558
578585.014141556.41	578585.01	4141556	5.48764E-05	0	0	0	0	0	0	0	3.96245E-10	0	0	3.96245E-10	0.000396245
578605.014141556.41	578605.01	4141556	6.09295E-05	0	0	0	0	0	0	0	4.39952E-10	0	0	4.39952E-10	0.000439952
578625.014141556.41	578625.01	4141556	6.81038E-05	0	0	0	0	0	0	0	4.91756E-10	0	0	4.91756E-10	0.000491756
578645.014141556.41	578645.01	4141556	7.69283E-05	0	0	0	0	0	0	0	5.55474E-10	0	0	5.55474E-10	0.000555474
578665.014141556.41	578665.01	4141556	8.80064E-05	0	0	0	0	0	0	0	6.35466E-10	0	0	6.35466E-10	0.000635466
578685.014141556.41	578685.01	4141556	0.000102392	0	0	0	0	0	0	0	7.39342E-10	0	0	7.39342E-10	0.000739342
579165.014141556.41	579165.01	4141556	0.001723508	0	0	0	0	0	0	0	1.24449E-08	0	0	1.24449E-08	0.012444892
579185.014141556.41	579185.01	4141556	0.00191499	0	0	0	0	0	0	0	1.38275E-08	0	0	1.38275E-08	0.013827526

579205.014141556.41	579205.01	4141556	0.00178944	0	0	0	0	0	0	0	1.2921E-08	0	0	1.2921E-08	0.012920967
578385.014141576.41	578385.01	4141576	2.64623E-05	0	0	0	0	0	0	0	1.91075E-10	0	0	1.91075E-10	0.000191075
578405.014141576.41	578405.01	4141576	2.78442E-05	0	0	0	0	0	0	0	2.01054E-10	0	0	2.01054E-10	0.000201054
578425.014141576.41	578425.01	4141576	2.95391E-05	0	0	0	0	0	0	0	2.13292E-10	0	0	2.13292E-10	0.000213292
578445.014141576.41	578445.01	4141576	3.15469E-05	0	0	0	0	0	0	0	2.2779E-10	0	0	2.2779E-10	0.00022779
578465.014141576.41	578465.01	4141576	3.36626E-05	0	0	0	0	0	0	0	2.43067E-10	0	0	2.43067E-10	0.000243067
578485.014141576.41	578485.01	4141576	3.61845E-05	0	0	0	0	0	0	0	2.61276E-10	0	0	2.61276E-10	0.000261276
578505.014141576.41	578505.01	4141576	3.92538E-05	0	0	0	0	0	0	0	2.83439E-10	0	0	2.83439E-10	0.000283439
578525.014141576.41	578525.01	4141576	4.30384E-05	0	0	0	0	0	0	0	3.10767E-10	0	0	3.10767E-10	0.000310767
578545.014141576.41	578545.01	4141576	4.63723E-05	0	0	0	0	0	0	0	3.34839E-10	0	0	3.34839E-10	0.000334839
578565.014141576.41	578565.01	4141576	5.07082E-05	0	0	0	0	0	0	0	3.66147E-10	0	0	3.66147E-10	0.000366147
578585.014141576.41	578585.01	4141576	5.58151E-05	0	0	0	0	0	0	0	4.03023E-10	0	0	4.03023E-10	0.000403023
578605.014141576.41	578605.01	4141576	6.19464E-05	0	0	0	0	0	0	0	4.47295E-10	0	0	4.47295E-10	0.000447295
578625.014141576.41	578625.01	4141576	6.95044E-05	0	0	0	0	0	0	0	5.01869E-10	0	0	5.01869E-10	0.000501869
578645.014141576.41	578645.01	4141576	7.90776E-05	0	0	0	0	0	0	0	5.70994E-10	0	0	5.70994E-10	0.000570994
578665.014141576.41	578665.01	4141576	9.07145E-05	0	0	0	0	0	0	0	6.5502E-10	0	0	6.5502E-10	0.00065502
578685.014141576.41	578685.01	4141576	0.000105693	0	0	0	0	0	0	0	7.63172E-10	0	0	7.63172E-10	0.000763172
578705.014141576.41	578705.01	4141576	0.000126016	0	0	0	0	0	0	0	9.09922E-10	0	0	9.09922E-10	0.000909922
579145.014141576.41	579145.01	4141576	0.002092698	0	0	0	0	0	0	0	1.51107E-08	0	0	1.51107E-08	0.015110696
579165.014141576.41	579165.01	4141576	0.001963862	0	0	0	0	0	0	0	1.41804E-08	0	0	1.41804E-08	0.014180413
579185.014141576.41	579185.01	4141576	0.001522802	0	0	0	0	0	0	0	1.09957E-08	0	0	1.09957E-08	0.010995661
579205.014141576.41	579205.01	4141576	0.001238612	0	0	0	0	0	0	0	8.94362E-09	0	0	8.94362E-09	0.008943617
579225.014141576.41	579225.01	4141576	0.0010557	0	0	0	0	0	0	0	7.62287E-09	0	0	7.62287E-09	0.007622872
579245.014141576.41	579245.01	4141576	0.000937686	0	0	0	0	0	0	0	6.77073E-09	0	0	6.77073E-09	0.006770725
579265.014141576.41	579265.01	4141576	0.000888646	0	0	0	0	0	0	0	6.41663E-09	0	0	6.41663E-09	0.006416628
578385.014141596.41	578385.01	4141596	2.67565E-05	0	0	0	0	0	0	0	1.932E-10	0	0	1.932E-10	0.0001932
578405.014141596.41	578405.01	4141596	2.83769E-05	0	0	0	0	0	0	0	2.049E-10	0	0	2.049E-10	0.0002049
578425.014141596.41	578425.01	4141596	3.00345E-05	0	0	0	0	0	0	0	2.1687E-10	0	0	2.1687E-10	0.00021687
578445.014141596.41	578445.01	4141596	3.20274E-05	0	0	0	0	0	0	0	2.31259E-10	0	0	2.31259E-10	0.000231259
578465.014141596.41	578465.01	4141596	3.41916E-05	0	0	0	0	0	0	0	2.46886E-10	0	0	2.46886E-10	0.000246886
578485.014141596.41	578485.01	4141596	3.66538E-05	0	0	0	0	0	0	0	2.64665E-10	0	0	2.64665E-10	0.000264665
578505.014141596.41	578505.01	4141596	3.98796E-05	0	0	0	0	0	0	0	2.87958E-10	0	0	2.87958E-10	0.000287958
578525.014141596.41	578525.01	4141596	4.35003E-05	0	0	0	0	0	0	0	3.14102E-10	0	0	3.14102E-10	0.000314102
578545.014141596.41	578545.01	4141596	4.70763E-05	0	0	0	0	0	0	0	3.39923E-10	0	0	3.39923E-10	0.000339923
578565.014141596.41	578565.01	4141596	5.17437E-05	0	0	0	0	0	0	0	3.73625E-10	0	0	3.73625E-10	0.000373625
578585.014141596.41	578585.01	4141596	5.7022E-05	0	0	0	0	0	0	0	4.11737E-10	0	0	4.11737E-10	0.00041737
578605.014141596.41	578605.01	4141596	6.31831E-05	0	0	0	0	0	0	0	4.56225E-10	0	0	4.56225E-10	0.000456225
578625.014141596.41	578625.01	4141596	7.08901E-05	0	0	0	0	0	0	0	5.11875E-10	0	0	5.11875E-10	0.000511875
578645.014141596.41	578645.01	4141596	8.06794E-05	0	0	0	0	0	0	0	5.8256E-10	0	0	5.8256E-10	0.00058256
578665.014141596.41	578665.01	4141596	9.32251E-05	0	0	0	0	0	0	0	6.73148E-10	0	0	6.73148E-10	0.000673148
578685.014141596.41	578685.01	4141596	0.000109511	0	0	0	0	0	0	0	7.90741E-10	0	0	7.90741E-10	0.000790741
578705.014141596.41	578705.01	4141596	0.000130821	0	0	0	0	0	0	0	9.44619E-10	0	0	9.44619E-10	0.000944619
578725.014141596.41	578725.01	4141596	0.000162361	0	0	0	0	0	0	0	1.17235E-09	0	0	1.17235E-09	0.001172354
578745.014141596.41	578745.01	4141596	0.00021156	0	0	0	0	0	0	0	1.52761E-09	0	0	1.52761E-09	0.001527608
579105.014141596.41	579105.01	4141596	0.002229703	0	0	0	0	0	0	0	1.61E-08	0	0	1.61E-08	0.016099963
579145.014141596.41	579145.01	4141596	0.001639055	0	0	0	0	0	0	0	1.18351E-08	0	0	1.18351E-08	0.011835086
579165.014141596.41	579165.01	4141596	0.001307509	0	0	0	0	0	0	0	9.4411E-09	0	0	9.4411E-09	0.009441102
579185.014141596.41	579185.01	4141596	0.001086793	0	0	0	0	0	0	0	7.84738E-09	0	0	7.84738E-09	0.007847381
579205.014141596.41	579205.01	4141596	0.000937604	0	0	0	0	0	0	0	6.77013E-09	0	0	6.77013E-09	0.006770134
579225.014141596.41	579225.01	4141596	0.000838054	0	0	0	0	0	0	0	6.05131E-09	0	0	6.05131E-09	0.006051314
579245.014141596.41	579245.01	4141596	0.000779169	0	0	0	0	0	0	0	5.62613E-09	0	0	5.62613E-09	0.005626129
579265.014141596.41	579265.01	4141596	0.000764075	0	0	0	0	0	0	0	5.51714E-09	0	0	5.51714E-09	0.005517142
579285.014141596.41	579285.01	4141596	0.000767804	0	0	0	0	0	0	0	5.54407E-09	0	0	5.54407E-09	0.005544066
579305.014141596.41	579305.01	4141596	0.000845861	0	0	0	0	0	0	0	6.10769E-09	0	0	6.10769E-09	0.00610769
579325.014141596.41	579325.01	4141596	0.000992789	0	0	0	0	0	0	0	7.16861E-09	0	0	7.16861E-09	0.007168611
579345.014141596.41	579345.01	4141596	0.001304861	0	0	0	0	0	0	0	9.42198E-09	0	0	9.42198E-09	0.009421978
578385.014141616.41	578385.01	4141616	2.6872E-05	0	0	0	0	0	0	0	1.94034E-10	0	0	1.94034E-10	0.000194034
578405.014141616.41	578405.01	4141616	2.86153E-05	0	0	0	0	0	0	0	2.06622E-10	0	0	2.06622E-10	0.000206622
578425.014141616.41	578425.01	4141616	3.04517E-05	0	0	0	0	0	0	0	2.19882E-10	0	0	2.19882E-10	0.000219882
578445.014141616.41	578445.01	4141616	3.24669E-05	0	0	0	0	0	0	0	2.34433E-10	0	0	2.34433E-10	0.000234433
578465.014141616.41	578465.01	4141616	3.46833E-05	0	0	0	0	0	0	0	2.50437E-10	0	0	2.50437E-10	0.000250437
578485.014141616.41	578485.01	4141616	3.72498E-05	0	0	0	0	0	0	0	2.68969E-10	0	0	2.68969E-10	0.000268969
578505.014141616.41	578505.01	4141616	4.03043E-05	0	0	0	0	0	0	0	2.91024E-10	0	0	2.91024E-10	0.000291024
578525.014141616.41	578525.01	4141616	4.41149E-05	0	0	0	0	0	0	0	3.1854E-10	0	0	3.1854E-10	0.00031854
578545.014141616.41	578545.01	4141616	4.77617E-05	0	0	0	0	0	0	0	3.44872E-10	0	0	3.44872E-10	0.000344872
578565.014141616.41	578565.01	4141616	5.25073E-05	0	0	0	0	0	0	0	3.79138E-10	0	0	3.79138E-10	0.000379138
578585.014141616.41	578585.01	4141616	5.79644E-05	0	0	0	0	0	0	0	4.18542E-10	0	0	4.18542E-10	0.000418542
578605.014141616.41	578605.01	4141616	6.45353E-05	0	0	0	0	0	0	0	4.65988E-10	0	0	4.65988E-10	0.000465988
578625.014141616.41	578625.01	4141616	7.26036E-05	0	0	0	0	0	0	0	5.24247E-10	0	0	5.24247E-10	0.000524247
578645.014141616.41	578645.01	4141616	8.24934E-05	0	0	0	0	0	0	0	5.95658E-10	0	0	5.95658E-10	0.000595658
578665.014141616.41	578665.01	4141616	9.54601E-05	0	0	0	0	0	0	0	6.89286E-10	0	0	6.89286E-10	0.000689286

578685.014141616.41	578685.01	4141616	0.000112953	0	0	0	0	0	0	0	8.15594E-10	0	0	8.15594E-10	0.000815594
578705.014141616.41	578705.01	4141616	0.000136923	0	0	0	0	0	0	0	9.88676E-10	0	0	9.88676E-10	0.000988676
578725.014141616.41	578725.01	4141616	0.000170369	0	0	0	0	0	0	0	1.23018E-09	0	0	1.23018E-09	0.001230183
578745.014141616.41	578745.01	4141616	0.000221011	0	0	0	0	0	0	0	1.59585E-09	0	0	1.59585E-09	0.001595846
579065.014141616.41	579065.01	4141616	0.001711129	0	0	0	0	0	0	0	1.23555E-08	0	0	1.23555E-08	0.012355513
579085.014141616.41	579085.01	4141616	0.001860874	0	0	0	0	0	0	0	1.34368E-08	0	0	1.34368E-08	0.013436768
579105.014141616.41	579105.01	4141616	0.001769008	0	0	0	0	0	0	0	1.27734E-08	0	0	1.27734E-08	0.012773437
579125.014141616.41	579125.01	4141616	0.001397382	0	0	0	0	0	0	0	1.009E-08	0	0	1.009E-08	0.010090043
579165.014141616.41	579165.01	4141616	0.000964129	0	0	0	0	0	0	0	6.96167E-09	0	0	6.96167E-09	0.006961666
579185.014141616.41	579185.01	4141616	0.000842199	0	0	0	0	0	0	0	6.08125E-09	0	0	6.08125E-09	0.006081251
579205.014141616.41	579205.01	4141616	0.000754715	0	0	0	0	0	0	0	5.44955E-09	0	0	5.44955E-09	0.005449551
579225.014141616.41	579225.01	4141616	0.000696068	0	0	0	0	0	0	0	5.02609E-09	0	0	5.02609E-09	0.005026086
579245.014141616.41	579245.01	4141616	0.000666723	0	0	0	0	0	0	0	4.81419E-09	0	0	4.81419E-09	0.004814192
579265.014141616.41	579265.01	4141616	0.000666939	0	0	0	0	0	0	0	4.81575E-09	0	0	4.81575E-09	0.004815752
579285.014141616.41	579285.01	4141616	0.000679325	0	0	0	0	0	0	0	4.90518E-09	0	0	4.90518E-09	0.004905185
579305.014141616.41	579305.01	4141616	0.000752066	0	0	0	0	0	0	0	5.43043E-09	0	0	5.43043E-09	0.005430427
579325.014141616.41	579325.01	4141616	0.00088735	0	0	0	0	0	0	0	6.40727E-09	0	0	6.40727E-09	0.006407268
579345.014141616.41	579345.01	4141616	0.001157035	0	0	0	0	0	0	0	8.35458E-09	0	0	8.35458E-09	0.008354575
578385.014141636.41	578385.01	4141636	2.70322E-05	0	0	0	0	0	0	0	1.95191E-10	0	0	1.95191E-10	0.000195191
578405.014141636.41	578405.01	4141636	2.87904E-05	0	0	0	0	0	0	0	2.07886E-10	0	0	2.07886E-10	0.000207886
578425.014141636.41	578425.01	4141636	3.06491E-05	0	0	0	0	0	0	0	2.21308E-10	0	0	2.21308E-10	0.000221308
578445.014141636.41	578445.01	4141636	3.27798E-05	0	0	0	0	0	0	0	2.36693E-10	0	0	2.36693E-10	0.000236693
578465.014141636.41	578465.01	4141636	3.51638E-05	0	0	0	0	0	0	0	2.53907E-10	0	0	2.53907E-10	0.000253907
578485.014141636.41	578485.01	4141636	3.7667E-05	0	0	0	0	0	0	0	2.71981E-10	0	0	2.71981E-10	0.000271981
578505.014141636.41	578505.01	4141636	4.07438E-05	0	0	0	0	0	0	0	2.94198E-10	0	0	2.94198E-10	0.000294198
578525.014141636.41	578525.01	4141636	4.43571E-05	0	0	0	0	0	0	0	3.20288E-10	0	0	3.20288E-10	0.000320288
578545.014141636.41	578545.01	4141636	4.83093E-05	0	0	0	0	0	0	0	3.48826E-10	0	0	3.48826E-10	0.000348826
578565.014141636.41	578565.01	4141636	5.3107E-05	0	0	0	0	0	0	0	3.83469E-10	0	0	3.83469E-10	0.000383469
578585.014141636.41	578585.01	4141636	5.89329E-05	0	0	0	0	0	0	0	4.25536E-10	0	0	4.25536E-10	0.000425536
578605.014141636.41	578605.01	4141636	6.58204E-05	0	0	0	0	0	0	0	4.75268E-10	0	0	4.75268E-10	0.000475268
578625.014141636.41	578625.01	4141636	7.41346E-05	0	0	0	0	0	0	0	5.35302E-10	0	0	5.35302E-10	0.000535302
578645.014141636.41	578645.01	4141636	8.47023E-05	0	0	0	0	0	0	0	6.11608E-10	0	0	6.11608E-10	0.000611608
578665.014141636.41	578665.01	4141636	9.82575E-05	0	0	0	0	0	0	0	7.09486E-10	0	0	7.09486E-10	0.000709486
578685.014141636.41	578685.01	4141636	0.000116808	0	0	0	0	0	0	0	8.43432E-10	0	0	8.43432E-10	0.000843432
578705.014141636.41	578705.01	4141636	0.000142376	0	0	0	0	0	0	0	1.02805E-09	0	0	1.02805E-09	0.001028053
578725.014141636.41	578725.01	4141636	0.000176884	0	0	0	0	0	0	0	1.27723E-09	0	0	1.27723E-09	0.001277225
579045.014141636.41	579045.01	4141636	0.002015527	0	0	0	0	0	0	0	1.45535E-08	0	0	1.45535E-08	0.014553473
579065.014141636.41	579065.01	4141636	0.001915784	0	0	0	0	0	0	0	1.38333E-08	0	0	1.38333E-08	0.013833255
579085.014141636.41	579085.01	4141636	0.001482412	0	0	0	0	0	0	0	1.0704E-08	0	0	1.0704E-08	0.010704018
579105.014141636.41	579105.01	4141636	0.001199701	0	0	0	0	0	0	0	8.66265E-09	0	0	8.66265E-09	0.008662652
579125.014141636.41	579125.01	4141636	0.000998973	0	0	0	0	0	0	0	7.21326E-09	0	0	7.21326E-09	0.00721326
579165.014141636.41	579165.01	4141636	0.000758499	0	0	0	0	0	0	0	5.47688E-09	0	0	5.47688E-09	0.005476878
579185.014141636.41	579185.01	4141636	0.000677429	0	0	0	0	0	0	0	4.89149E-09	0	0	4.89149E-09	0.004891494
579205.014141636.41	579205.01	4141636	0.000624873	0	0	0	0	0	0	0	4.51201E-09	0	0	4.51201E-09	0.004512006
579225.014141636.41	579225.01	4141636	0.000592726	0	0	0	0	0	0	0	4.27989E-09	0	0	4.27989E-09	0.004279886
579245.014141636.41	579245.01	4141636	0.000582412	0	0	0	0	0	0	0	4.20541E-09	0	0	4.20541E-09	0.004205408
579265.014141636.41	579265.01	4141636	0.000589899	0	0	0	0	0	0	0	4.25947E-09	0	0	4.25947E-09	0.004259471
579285.014141636.41	579285.01	4141636	0.000618339	0	0	0	0	0	0	0	4.46483E-09	0	0	4.46483E-09	0.004464829
579305.014141636.41	579305.01	4141636	0.000686361	0	0	0	0	0	0	0	4.95599E-09	0	0	4.95599E-09	0.004955993
579325.014141636.41	579325.01	4141636	0.000801623	0	0	0	0	0	0	0	5.78826E-09	0	0	5.78826E-09	0.005788263
579345.014141636.41	579345.01	4141636	0.001003931	0	0	0	0	0	0	0	7.24906E-09	0	0	7.24906E-09	0.00724906
578385.014141656.41	578385.01	4141656	2.72967E-05	0	0	0	0	0	0	0	1.971E-10	0	0	1.971E-10	0.0001971
578405.014141656.41	578405.01	4141656	2.89915E-05	0	0	0	0	0	0	0	2.09338E-10	0	0	2.09338E-10	0.000209338
578425.014141656.41	578425.01	4141656	3.0787E-05	0	0	0	0	0	0	0	2.22303E-10	0	0	2.22303E-10	0.000222303
578445.014141656.41	578445.01	4141656	3.29288E-05	0	0	0	0	0	0	0	2.37768E-10	0	0	2.37768E-10	0.000237768
578465.014141656.41	578465.01	4141656	3.5473E-05	0	0	0	0	0	0	0	2.56139E-10	0	0	2.56139E-10	0.000256139
578485.014141656.41	578485.01	4141656	3.81438E-05	0	0	0	0	0	0	0	2.75424E-10	0	0	2.75424E-10	0.000275424
578505.014141656.41	578505.01	4141656	4.13845E-05	0	0	0	0	0	0	0	2.98824E-10	0	0	2.98824E-10	0.000298824
578525.014141656.41	578525.01	4141656	4.48301E-05	0	0	0	0	0	0	0	3.23704E-10	0	0	3.23704E-10	0.000323704
578545.014141656.41	578545.01	4141656	4.89276E-05	0	0	0	0	0	0	0	3.53291E-10	0	0	3.53291E-10	0.000353291
578565.014141656.41	578565.01	4141656	5.38446E-05	0	0	0	0	0	0	0	3.88794E-10	0	0	3.88794E-10	0.000388794
578585.014141656.41	578585.01	4141656	5.97561E-05	0	0	0	0	0	0	0	4.3148E-10	0	0	4.3148E-10	0.00043148
578605.014141656.41	578605.01	4141656	6.69565E-05	0	0	0	0	0	0	0	4.83471E-10	0	0	4.83471E-10	0.000483471
578625.014141656.41	578625.01	4141656	7.60343E-05	0	0	0	0	0	0	0	5.49019E-10	0	0	5.49019E-10	0.000549019
578645.014141656.41	578645.01	4141656	8.71124E-05	0	0	0	0	0	0	0	6.29011E-10	0	0	6.29011E-10	0.000629011
578665.014141656.41	578665.01	4141656	0.000101394	0	0	0	0	0	0	0	7.32133E-10	0	0	7.32133E-10	0.000732133
578685.014141656.41	578685.01	4141656	0.000121319	0	0	0	0	0	0	0	8.76005E-10	0	0	8.76005E-10	0.000876005
578705.014141656.41	578705.01	4141656	0.000146433	0	0	0	0	0	0	0	1.05734E-09	0	0	1.05734E-09	0.001057343
578725.014141656.41	578725.01	4141656	0.000181243	0	0	0	0	0	0	0	1.30869E-09	0	0	1.30869E-09	0.001308695
579005.014141656.41	579005.01	4141656	0.001522433	0	0	0	0	0	0	0	1.0993E-08	0	0	1.0993E-08	0.010992998
579025.014141656.41	579025.01	4141656	0.00207826	0	0	0	0	0	0	0	1.50064E-08	0	0	1.50064E-08	0.015006443

579045.014141656.41	579045.01	4141656	0.001570422	0	0	0	0	0	0	0	1.13395E-08	0	0	1.13395E-08	0.011339511
579065.014141656.41	579065.01	4141656	0.001255449	0	0	0	0	0	0	0	9.06519E-09	0	0	9.06519E-09	0.009065191
579085.014141656.41	579085.01	4141656	0.001037981	0	0	0	0	0	0	0	7.49492E-09	0	0	7.49492E-09	0.007494924
579105.014141656.41	579105.01	4141656	0.000882332	0	0	0	0	0	0	0	6.37104E-09	0	0	6.37104E-09	0.006371038
579125.014141656.41	579125.01	4141656	0.000768154	0	0	0	0	0	0	0	5.54659E-09	0	0	5.54659E-09	0.005546594
579145.014141656.41	579145.01	4141656	0.000680643	0	0	0	0	0	0	0	4.91471E-09	0	0	4.91471E-09	0.004914706
579185.014141656.41	579185.01	4141656	0.000565191	0	0	0	0	0	0	0	4.08106E-09	0	0	4.08106E-09	0.004081064
579205.014141656.41	579205.01	4141656	0.000534423	0	0	0	0	0	0	0	3.8589E-09	0	0	3.8589E-09	0.003858896
579225.014141656.41	579225.01	4141656	0.000518741	0	0	0	0	0	0	0	3.74566E-09	0	0	3.74566E-09	0.00374566
579245.014141656.41	579245.01	4141656	0.000520827	0	0	0	0	0	0	0	3.76072E-09	0	0	3.76072E-09	0.003760722
579265.014141656.41	579265.01	4141656	0.00053018	0	0	0	0	0	0	0	3.82826E-09	0	0	3.82826E-09	0.00382826
579285.014141656.41	579285.01	4141656	0.00056496	0	0	0	0	0	0	0	4.0794E-09	0	0	4.0794E-09	0.004079396
579305.014141656.41	579305.01	4141656	0.000632241	0	0	0	0	0	0	0	4.56521E-09	0	0	4.56521E-09	0.004565208
579325.014141656.41	579325.01	4141656	0.000729083	0	0	0	0	0	0	0	5.26447E-09	0	0	5.26447E-09	0.005264473
579345.014141656.41	579345.01	4141656	0.000892997	0	0	0	0	0	0	0	6.44804E-09	0	0	6.44804E-09	0.006448044
578385.014141676.41	578385.01	4141676	2.74829E-05	0	0	0	0	0	0	0	1.98445E-10	0	0	1.98445E-10	0.000198445
578405.014141676.41	578405.01	4141676	2.91591E-05	0	0	0	0	0	0	0	2.10549E-10	0	0	2.10549E-10	0.000210549
578425.014141676.41	578425.01	4141676	3.08875E-05	0	0	0	0	0	0	0	2.23029E-10	0	0	2.23029E-10	0.000223029
578445.014141676.41	578445.01	4141676	3.31114E-05	0	0	0	0	0	0	0	2.39086E-10	0	0	2.39086E-10	0.000239086
578465.014141676.41	578465.01	4141676	3.57598E-05	0	0	0	0	0	0	0	2.5821E-10	0	0	2.5821E-10	0.00025821
578485.014141676.41	578485.01	4141676	3.85051E-05	0	0	0	0	0	0	0	2.78033E-10	0	0	2.78033E-10	0.000278033
578505.014141676.41	578505.01	4141676	4.18613E-05	0	0	0	0	0	0	0	3.02267E-10	0	0	3.02267E-10	0.000302267
578525.014141676.41	578525.01	4141676	4.54485E-05	0	0	0	0	0	0	0	3.28169E-10	0	0	3.28169E-10	0.000328169
578545.014141676.41	578545.01	4141676	4.97061E-05	0	0	0	0	0	0	0	3.58912E-10	0	0	3.58912E-10	0.000358912
578565.014141676.41	578565.01	4141676	5.47796E-05	0	0	0	0	0	0	0	3.95546E-10	0	0	3.95546E-10	0.000395546
578585.014141676.41	578585.01	4141676	6.09146E-05	0	0	0	0	0	0	0	4.39845E-10	0	0	4.39845E-10	0.000439845
578605.014141676.41	578605.01	4141676	6.83236E-05	0	0	0	0	0	0	0	4.93343E-10	0	0	4.93343E-10	0.000493343
578625.014141676.41	578625.01	4141676	7.7677E-05	0	0	0	0	0	0	0	5.60881E-10	0	0	5.60881E-10	0.000560881
578645.014141676.41	578645.01	4141676	8.96715E-05	0	0	0	0	0	0	0	6.47489E-10	0	0	6.47489E-10	0.000647489
578665.014141676.41	578665.01	4141676	0.000104977	0	0	0	0	0	0	0	7.58008E-10	0	0	7.58008E-10	0.000758008
578685.014141676.41	578685.01	4141676	0.000124083	0	0	0	0	0	0	0	8.95962E-10	0	0	8.95962E-10	0.000895962
578705.014141676.41	578705.01	4141676	0.000149368	0	0	0	0	0	0	0	1.07854E-09	0	0	1.07854E-09	0.001078538
578985.014141676.41	578985.01	4141676	0.001725634	0	0	0	0	0	0	0	1.24602E-08	0	0	1.24602E-08	0.01246025
579005.014141676.41	579005.01	4141676	0.001657136	0	0	0	0	0	0	0	1.19656E-08	0	0	1.19656E-08	0.011965643
579025.014141676.41	579025.01	4141676	0.001305036	0	0	0	0	0	0	0	9.42324E-09	0	0	9.42324E-09	0.009423242
579045.014141676.41	579045.01	4141676	0.001071088	0	0	0	0	0	0	0	7.73398E-09	0	0	7.73398E-09	0.007733983
579065.014141676.41	579065.01	4141676	0.000900328	0	0	0	0	0	0	0	6.50098E-09	0	0	6.50098E-09	0.006500977
579085.014141676.41	579085.01	4141676	0.000778014	0	0	0	0	0	0	0	5.61779E-09	0	0	5.61779E-09	0.005617791
579105.014141676.41	579105.01	4141676	0.000682863	0	0	0	0	0	0	0	4.93074E-09	0	0	4.93074E-09	0.004930737
579125.014141676.41	579125.01	4141676	0.00060899	0	0	0	0	0	0	0	4.39732E-09	0	0	4.39732E-09	0.004397318
579145.014141676.41	579145.01	4141676	0.000553852	0	0	0	0	0	0	0	3.99919E-09	0	0	3.99919E-09	0.00399919
579165.014141676.41	579165.01	4141676	0.0005155	0	0	0	0	0	0	0	3.72226E-09	0	0	3.72226E-09	0.00372226
579185.014141676.41	579185.01	4141676	0.000486635	0	0	0	0	0	0	0	3.51384E-09	0	0	3.51384E-09	0.003513836
579205.014141676.41	579205.01	4141676	0.000468044	0	0	0	0	0	0	0	3.37959E-09	0	0	3.37959E-09	0.003379593
579225.014141676.41	579225.01	4141676	0.000461819	0	0	0	0	0	0	0	3.33465E-09	0	0	3.33465E-09	0.003334649
579245.014141676.41	579245.01	4141676	0.000470685	0	0	0	0	0	0	0	3.39866E-09	0	0	3.39866E-09	0.003398663
579265.014141676.41	579265.01	4141676	0.000491608	0	0	0	0	0	0	0	3.54974E-09	0	0	3.54974E-09	0.003549743
579285.014141676.41	579285.01	4141676	0.000524261	0	0	0	0	0	0	0	3.78552E-09	0	0	3.78552E-09	0.003785521
579305.014141676.41	579305.01	4141676	0.000576746	0	0	0	0	0	0	0	4.1645E-09	0	0	4.1645E-09	0.004164498
579325.014141676.41	579325.01	4141676	0.000673644	0	0	0	0	0	0	0	4.86417E-09	0	0	4.86417E-09	0.004864167
579345.014141676.41	579345.01	4141676	0.000834608	0	0	0	0	0	0	0	6.02643E-09	0	0	6.02643E-09	0.006026435
578385.014141696.41	578385.01	4141696	2.76394E-05	0	0	0	0	0	0	0	1.99575E-10	0	0	1.99575E-10	0.000199575
578405.014141696.41	578405.01	4141696	2.92038E-05	0	0	0	0	0	0	0	2.10872E-10	0	0	2.10872E-10	0.000210872
578425.014141696.41	578425.01	4141696	3.12414E-05	0	0	0	0	0	0	0	2.25584E-10	0	0	2.25584E-10	0.000225584
578445.014141696.41	578445.01	4141696	3.3644E-05	0	0	0	0	0	0	0	2.42933E-10	0	0	2.42933E-10	0.000242933
578465.014141696.41	578465.01	4141696	3.61286E-05	0	0	0	0	0	0	0	2.60873E-10	0	0	2.60873E-10	0.000260873
578485.014141696.41	578485.01	4141696	3.89074E-05	0	0	0	0	0	0	0	2.80938E-10	0	0	2.80938E-10	0.000280938
578505.014141696.41	578505.01	4141696	4.23307E-05	0	0	0	0	0	0	0	3.05656E-10	0	0	3.05656E-10	0.000305656
578525.014141696.41	578525.01	4141696	4.62047E-05	0	0	0	0	0	0	0	3.33629E-10	0	0	3.33629E-10	0.000333629
578565.014141696.41	578565.01	4141696	5.58971E-05	0	0	0	0	0	0	0	4.03615E-10	0	0	4.03615E-10	0.000403615
578585.014141696.41	578585.01	4141696	6.22705E-05	0	0	0	0	0	0	0	4.49635E-10	0	0	4.49635E-10	0.000449635
578605.014141696.41	578605.01	4141696	7.00371E-05	0	0	0	0	0	0	0	5.05715E-10	0	0	5.05715E-10	0.000505715
578625.014141696.41	578625.01	4141696	7.9573E-05	0	0	0	0	0	0	0	5.74571E-10	0	0	5.74571E-10	0.000574571
578645.014141696.41	578645.01	4141696	9.19809E-05	0	0	0	0	0	0	0	6.64165E-10	0	0	6.64165E-10	0.000664165
578665.014141696.41	578665.01	4141696	0.000107346	0	0	0	0	0	0	0	7.75114E-10	0	0	7.75114E-10	0.000775114
578685.014141696.41	578685.01	4141696	0.000126385	0	0	0	0	0	0	0	9.12584E-10	0	0	9.12584E-10	0.000912584
578945.014141696.41	578945.01	4141696	0.001378112	0	0	0	0	0	0	0	9.95091E-09	0	0	9.95091E-09	0.009950905
578965.014141696.41	578965.01	4141696	0.001624125	0	0	0	0	0	0	0	1.17273E-08	0	0	1.17273E-08	0.011727283
578985.014141696.41	578985.01	4141696	0.001304041	0	0	0	0	0	0	0	9.41606E-09	0	0	9.41606E-09	0.009416061
579005.014141696.41	579005.01	4141696	0.00107554	0	0	0	0	0	0	0	7.76613E-09	0	0	7.76613E-09	0.007766125
579025.014141696.41	579025.01	4141696	0.000905926	0	0	0	0	0	0	0	6.5414E-09	0	0	6.5414E-09	0.006541403

579045.014141696.41	579045.01	4141696	0.000779236	0	0	0	0	0	0	0	5.62661E-09	0	0	5.62661E-09	0.005626613
579065.014141696.41	579065.01	4141696	0.000683731	0	0	0	0	0	0	0	4.937E-09	0	0	4.937E-09	0.004937004
579085.014141696.41	579085.01	4141696	0.000608379	0	0	0	0	0	0	0	4.39291E-09	0	0	4.39291E-09	0.004392906
579105.014141696.41	579105.01	4141696	0.000549137	0	0	0	0	0	0	0	3.96514E-09	0	0	3.96514E-09	0.003965138
579125.014141696.41	579125.01	4141696	0.000500745	0	0	0	0	0	0	0	3.61572E-09	0	0	3.61572E-09	0.003615721
579145.014141696.41	579145.01	4141696	0.000465786	0	0	0	0	0	0	0	3.36329E-09	0	0	3.36329E-09	0.003363294
579165.014141696.41	579165.01	4141696	0.000440952	0	0	0	0	0	0	0	3.18397E-09	0	0	3.18397E-09	0.003183972
579185.014141696.41	579185.01	4141696	0.00042518	0	0	0	0	0	0	0	3.07009E-09	0	0	3.07009E-09	0.003070091
579205.014141696.41	579205.01	4141696	0.000416166	0	0	0	0	0	0	0	3.005E-09	0	0	3.005E-09	0.003005
579225.014141696.41	579225.01	4141696	0.000416781	0	0	0	0	0	0	0	3.00944E-09	0	0	3.00944E-09	0.003009438
579245.014141696.41	579245.01	4141696	0.000425434	0	0	0	0	0	0	0	3.07192E-09	0	0	3.07192E-09	0.00307192
579265.014141696.41	579265.01	4141696	0.000450909	0	0	0	0	0	0	0	3.25587E-09	0	0	3.25587E-09	0.003255868
579285.014141696.41	579285.01	4141696	0.000488256	0	0	0	0	0	0	0	3.52554E-09	0	0	3.52554E-09	0.003525536
579305.014141696.41	579305.01	4141696	0.000536461	0	0	0	0	0	0	0	3.87361E-09	0	0	3.87361E-09	0.003873608
579325.014141696.41	579325.01	4141696	0.000627272	0	0	0	0	0	0	0	4.52933E-09	0	0	4.52933E-09	0.004529327
579345.014141696.41	579345.01	4141696	0.000768635	0	0	0	0	0	0	0	5.55006E-09	0	0	5.55006E-09	0.005550064
578385.014141716.41	578385.01	4141716	2.77809E-05	0	0	0	0	0	0	0	2.00597E-10	0	0	2.00597E-10	0.000200597
578405.014141716.41	578405.01	4141716	2.95465E-05	0	0	0	0	0	0	0	2.13346E-10	0	0	2.13346E-10	0.000213346
578425.014141716.41	578425.01	4141716	3.17257E-05	0	0	0	0	0	0	0	2.29081E-10	0	0	2.29081E-10	0.000229081
578445.014141716.41	578445.01	4141716	3.40277E-05	0	0	0	0	0	0	0	2.45703E-10	0	0	2.45703E-10	0.000245703
578465.014141716.41	578465.01	4141716	3.65085E-05	0	0	0	0	0	0	0	2.63616E-10	0	0	2.63616E-10	0.000263616
578485.014141716.41	578485.01	4141716	3.93879E-05	0	0	0	0	0	0	0	2.84408E-10	0	0	2.84408E-10	0.00028408
578505.014141716.41	578505.01	4141716	4.29751E-05	0	0	0	0	0	0	0	3.10309E-10	0	0	3.10309E-10	0.000310309
578525.014141716.41	578525.01	4141716	4.71583E-05	0	0	0	0	0	0	0	3.40515E-10	0	0	3.40515E-10	0.000340515
578605.014141716.41	578605.01	4141716	7.17282E-05	0	0	0	0	0	0	0	5.17926E-10	0	0	5.17926E-10	0.000517926
578625.014141716.41	578625.01	4141716	8.17447E-05	0	0	0	0	0	0	0	5.90252E-10	0	0	5.90252E-10	0.000590252
578645.014141716.41	578645.01	4141716	9.42383E-05	0	0	0	0	0	0	0	6.80464E-10	0	0	6.80464E-10	0.000680464
578665.014141716.41	578665.01	4141716	0.000109161	0	0	0	0	0	0	0	7.88213E-10	0	0	7.88213E-10	0.000788213
578685.014141716.41	578685.01	4141716	0.000128028	0	0	0	0	0	0	0	9.24446E-10	0	0	9.24446E-10	0.000924446
578905.014141716.41	578905.01	4141716	0.001073625	0	0	0	0	0	0	0	7.7523E-09	0	0	7.7523E-09	0.0077523
578925.014141716.41	578925.01	4141716	0.001184644	0	0	0	0	0	0	0	8.55393E-09	0	0	8.55393E-09	0.008553935
578945.014141716.41	578945.01	4141716	0.001131604	0	0	0	0	0	0	0	8.17095E-09	0	0	8.17095E-09	0.00817095
578965.014141716.41	578965.01	4141716	0.000998637	0	0	0	0	0	0	0	7.21084E-09	0	0	7.21084E-09	0.007210839
578985.014141716.41	578985.01	4141716	0.000868073	0	0	0	0	0	0	0	6.26808E-09	0	0	6.26808E-09	0.006268076
579005.014141716.41	579005.01	4141716	0.000756797	0	0	0	0	0	0	0	5.46459E-09	0	0	5.46459E-09	0.005464586
579025.014141716.41	579025.01	4141716	0.000668597	0	0	0	0	0	0	0	4.82772E-09	0	0	4.82772E-09	0.004827722
579045.014141716.41	579045.01	4141716	0.000596474	0	0	0	0	0	0	0	4.30694E-09	0	0	4.30694E-09	0.004306944
579065.014141716.41	579065.01	4141716	0.000537243	0	0	0	0	0	0	0	3.87926E-09	0	0	3.87926E-09	0.003879257
579085.014141716.41	579085.01	4141716	0.000490572	0	0	0	0	0	0	0	3.54227E-09	0	0	3.54227E-09	0.003542266
579105.014141716.41	579105.01	4141716	0.000454958	0	0	0	0	0	0	0	3.2851E-09	0	0	3.2851E-09	0.003285105
579125.014141716.41	579125.01	4141716	0.000423713	0	0	0	0	0	0	0	3.05949E-09	0	0	3.05949E-09	0.003059494
579145.014141716.41	579145.01	4141716	0.000399854	0	0	0	0	0	0	0	2.88722E-09	0	0	2.88722E-09	0.002887219
579165.014141716.41	579165.01	4141716	0.000385584	0	0	0	0	0	0	0	2.78418E-09	0	0	2.78418E-09	0.002784177
579185.014141716.41	579185.01	4141716	0.000377016	0	0	0	0	0	0	0	2.72231E-09	0	0	2.72231E-09	0.002722314
579205.014141716.41	579205.01	4141716	0.000374394	0	0	0	0	0	0	0	2.70338E-09	0	0	2.70338E-09	0.002703379
579225.014141716.41	579225.01	4141716	0.00037914	0	0	0	0	0	0	0	2.73765E-09	0	0	2.73765E-09	0.002737645
579245.014141716.41	579245.01	4141716	0.000387372	0	0	0	0	0	0	0	2.79709E-09	0	0	2.79709E-09	0.002797088
579265.014141716.41	579265.01	4141716	0.000413089	0	0	0	0	0	0	0	2.98278E-09	0	0	2.98278E-09	0.002982784
579285.014141716.41	579285.01	4141716	0.000449542	0	0	0	0	0	0	0	3.246E-09	0	0	3.246E-09	0.003245997
579305.014141716.41	579305.01	4141716	0.000496059	0	0	0	0	0	0	0	3.58188E-09	0	0	3.58188E-09	0.003581885
579325.014141716.41	579325.01	4141716	0.000574712	0	0	0	0	0	0	0	4.14981E-09	0	0	4.14981E-09	0.004149812
579345.014141716.41	579345.01	4141716	0.000698318	0	0	0	0	0	0	0	5.04233E-09	0	0	5.04233E-09	0.005042332
578385.014141736.41	578385.01	4141736	2.80007E-05	0	0	0	0	0	0	0	2.02184E-10	0	0	2.02184E-10	0.000202184
578405.014141736.41	578405.01	4141736	3.00122E-05	0	0	0	0	0	0	0	2.16708E-10	0	0	2.16708E-10	0.000216708
578425.014141736.41	578425.01	4141736	3.21093E-05	0	0	0	0	0	0	0	2.31851E-10	0	0	2.31851E-10	0.000231851
578445.014141736.41	578445.01	4141736	3.43778E-05	0	0	0	0	0	0	0	2.48231E-10	0	0	2.48231E-10	0.000248231
578465.014141736.41	578465.01	4141736	3.68959E-05	0	0	0	0	0	0	0	2.66414E-10	0	0	2.66414E-10	0.000266414
578485.014141736.41	578485.01	4141736	3.99728E-05	0	0	0	0	0	0	0	2.8863E-10	0	0	2.8863E-10	0.00028863
578505.014141736.41	578505.01	4141736	4.41336E-05	0	0	0	0	0	0	0	3.18674E-10	0	0	3.18674E-10	0.000318674
578625.014141736.41	578625.01	4141736	8.37301E-05	0	0	0	0	0	0	0	6.04588E-10	0	0	6.04588E-10	0.000604588
578645.014141736.41	578645.01	4141736	9.57059E-05	0	0	0	0	0	0	0	6.91062E-10	0	0	6.91062E-10	0.000691062
578665.014141736.41	578665.01	4141736	0.000110423	0	0	0	0	0	0	0	7.97331E-10	0	0	7.97331E-10	0.000797331
578865.014141736.41	578865.01	4141736	0.000583317	0	0	0	0	0	0	0	4.21194E-09	0	0	4.21194E-09	0.004211944
578885.014141736.41	578885.01	4141736	0.000686514	0	0	0	0	0	0	0	4.9571E-09	0	0	4.9571E-09	0.004957096
578905.014141736.41	578905.01	4141736	0.000763919	0	0	0	0	0	0	0	5.51601E-09	0	0	5.51601E-09	0.005516013
578925.014141736.41	578925.01	4141736	0.000782991	0	0	0	0	0	0	0	5.65372E-09	0	0	5.65372E-09	0.005653725
578945.014141736.41	578945.01	4141736	0.000750964	0	0	0	0	0	0	0	5.42247E-09	0	0	5.42247E-09	0.005422465
578965.014141736.41	578965.01	4141736	0.000690865	0	0	0	0	0	0	0	4.98851E-09	0	0	4.98851E-09	0.004988511
578985.014141736.41	578985.01	4141736	0.000628315	0	0	0	0	0	0	0	4.53686E-09	0	0	4.53686E-09	0.004536859
579005.014141736.41	579005.01	4141736	0.000569348	0	0	0	0	0	0	0	4.11108E-09	0	0	4.11108E-09	0.004111081
579025.014141736.41	579025.01	4141736	0.000517545	0	0	0	0	0	0	0	3.73703E-09	0	0	3.73703E-09	0.003737026

579045.014141736.41	579045.01	4141736	0.000473263	0	0	0	0	0	0	0	3.41728E-09	0	0	3.41728E-09	0.003417276
579065.014141736.41	579065.01	4141736	0.000437231	0	0	0	0	0	0	0	3.1571E-09	0	0	3.1571E-09	0.003157102
579085.014141736.41	579085.01	4141736	0.000408038	0	0	0	0	0	0	0	2.94631E-09	0	0	2.94631E-09	0.002946311
579105.014141736.41	579105.01	4141736	0.000384895	0	0	0	0	0	0	0	2.7792E-09	0	0	2.7792E-09	0.002779201
579125.014141736.41	579125.01	4141736	0.000365227	0	0	0	0	0	0	0	2.63719E-09	0	0	2.63719E-09	0.002637186
579145.014141736.41	579145.01	4141736	0.000350469	0	0	0	0	0	0	0	2.53062E-09	0	0	2.53062E-09	0.00253062
579165.014141736.41	579165.01	4141736	0.000341905	0	0	0	0	0	0	0	2.46878E-09	0	0	2.46878E-09	0.002468784
579185.014141736.41	579185.01	4141736	0.000338709	0	0	0	0	0	0	0	2.44571E-09	0	0	2.44571E-09	0.002445707
579205.014141736.41	579205.01	4141736	0.000340158	0	0	0	0	0	0	0	2.45617E-09	0	0	2.45617E-09	0.00245617
579225.014141736.41	579225.01	4141736	0.000347433	0	0	0	0	0	0	0	2.5087E-09	0	0	2.5087E-09	0.002508699
579245.014141736.41	579245.01	4141736	0.000361051	0	0	0	0	0	0	0	2.60703E-09	0	0	2.60703E-09	0.002607034
579265.014141736.41	579265.01	4141736	0.000382075	0	0	0	0	0	0	0	2.75884E-09	0	0	2.75884E-09	0.00275884
579285.014141736.41	579285.01	4141736	0.000416553	0	0	0	0	0	0	0	3.0078E-09	0	0	3.0078E-09	0.003007798
579305.014141736.41	579305.01	4141736	0.000469266	0	0	0	0	0	0	0	3.38842E-09	0	0	3.38842E-09	0.003388416
579325.014141736.41	579325.01	4141736	0.000541493	0	0	0	0	0	0	0	3.90995E-09	0	0	3.90995E-09	0.003909946
579345.014141736.41	579345.01	4141736	0.000656345	0	0	0	0	0	0	0	4.73926E-09	0	0	4.73926E-09	0.004739258
578385.014141756.41	578385.01	4141756	2.84775E-05	0	0	0	0	0	0	0	2.05627E-10	0	0	2.05627E-10	0.000205627
578405.014141756.41	578405.01	4141756	3.03921E-05	0	0	0	0	0	0	0	2.19452E-10	0	0	2.19452E-10	0.000219452
578425.014141756.41	578425.01	4141756	3.25079E-05	0	0	0	0	0	0	0	2.34729E-10	0	0	2.34729E-10	0.000234729
578445.014141756.41	578445.01	4141756	3.48844E-05	0	0	0	0	0	0	0	2.51889E-10	0	0	2.51889E-10	0.000251889

Cubberley Community Center Master Plan

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)
Demolition - Phase II	2032	0.01		8	0.000100396
Grading- Phase II	2032	0.00		8	0
Building Construction I- Phase II	2032	0.00		8	0
Building Construction II- Phase II	2033	0.00		8	0
Paving- Phase II	2033	0.00		8	0
Architectural Coating- Phase II	2033	0.00		8	0

Risk Summary	
Maximum Risk, Uncontrolled	0.004
UTM X	579145.01
UTM Y	4141516.41

AERMOD Column Identifier:			*14*	*14*	*14*	*14*	*14*	*14*				
			Demolition - Phase II	Grading- Phase II	Building Construction I- Phase II	Building Construction II- Phase II	Paving- Phase II	Architectural Coating- Phase II	Child Risk			
Unique Identifier	X (UTM)	Y (UTM)	2032	2032	2032	2033	2033	2033	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.4	578385.01	4141176	4.42948E-06	0	0	0	0	0	0	0	1.25662E-11	1.25662E-11	1.25662E-05
578405.014141176.4	578405.01	4141176	4.64935E-06	0	0	0	0	0	0	0	1.31899E-11	1.31899E-11	1.31899E-05
578425.014141176.4	578425.01	4141176	4.91641E-06	0	0	0	0	0	0	0	1.39476E-11	1.39476E-11	1.39476E-05
578445.014141176.4	578445.01	4141176	5.37923E-06	0	0	0	0	0	0	0	1.52606E-11	1.52606E-11	1.52606E-05
578465.014141176.4	578465.01	4141176	5.54991E-06	0	0	0	0	0	0	0	1.57448E-11	1.57448E-11	1.57448E-05
578485.014141176.4	578485.01	4141176	5.99768E-06	0	0	0	0	0	0	0	1.7015E-11	1.7015E-11	1.7015E-05
578505.014141176.4	578505.01	4141176	6.46251E-06	0	0	0	0	0	0	0	1.83338E-11	1.83338E-11	1.83338E-05
578525.014141176.4	578525.01	4141176	6.89723E-06	0	0	0	0	0	0	0	1.9567E-11	1.9567E-11	1.9567E-05
578545.014141176.4	578545.01	4141176	7.5749E-06	0	0	0	0	0	0	0	2.14895E-11	2.14895E-11	2.14895E-05
578565.014141176.4	578565.01	4141176	7.98251E-06	0	0	0	0	0	0	0	2.26459E-11	2.26459E-11	2.26459E-05
578585.014141176.4	578585.01	4141176	8.88909E-06	0	0	0	0	0	0	0	2.52178E-11	2.52178E-11	2.52178E-05
578605.014141176.4	578605.01	4141176	9.78864E-06	0	0	0	0	0	0	0	2.77698E-11	2.77698E-11	2.77698E-05
578625.014141176.4	578625.01	4141176	1.00426E-05	0	0	0	0	0	0	0	2.84904E-11	2.84904E-11	2.84904E-05
578645.014141176.4	578645.01	4141176	1.08659E-05	0	0	0	0	0	0	0	3.08259E-11	3.08259E-11	3.08259E-05
578665.014141176.4	578665.01	4141176	1.19783E-05	0	0	0	0	0	0	0	3.39817E-11	3.39817E-11	3.39817E-05
578685.014141176.4	578685.01	4141176	1.39661E-05	0	0	0	0	0	0	0	3.96211E-11	3.96211E-11	3.96211E-05
578705.014141176.4	578705.01	4141176	1.54389E-05	0	0	0	0	0	0	0	4.37994E-11	4.37994E-11	4.37994E-05
578725.014141176.4	578725.01	4141176	1.71437E-05	0	0	0	0	0	0	0	4.86356E-11	4.86356E-11	4.86356E-05
578745.014141176.4	578745.01	4141176	1.91988E-05	0	0	0	0	0	0	0	5.44658E-11	5.44658E-11	5.44658E-05
578765.014141176.4	578765.01	4141176	2.14607E-05	0	0	0	0	0	0	0	6.08828E-11	6.08828E-11	6.08828E-05
578785.014141176.4	578785.01	4141176	2.42146E-05	0	0	0	0	0	0	0	6.86953E-11	6.86953E-11	6.86953E-05
578805.014141176.4	578805.01	4141176	2.74865E-05	0	0	0	0	0	0	0	7.79776E-11	7.79776E-11	7.79776E-05
578825.014141176.4	578825.01	4141176	3.14762E-05	0	0	0	0	0	0	0	8.92963E-11	8.92963E-11	8.92963E-05
578845.014141176.4	578845.01	4141176	3.62139E-05	0	0	0	0	0	0	0	1.02737E-10	1.02737E-10	0.000102737
578865.014141176.4	578865.01	4141176	4.12378E-05	0	0	0	0	0	0	0	1.16989E-10	1.16989E-10	0.000116989
578885.014141176.4	578885.01	4141176	4.6878E-05	0	0	0	0	0	0	0	1.3299E-10	1.3299E-10	0.00013299
578905.014141176.4	578905.01	4141176	5.27743E-05	0	0	0	0	0	0	0	1.49718E-10	1.49718E-10	0.000149718
578925.014141176.4	578925.01	4141176	5.88413E-05	0	0	0	0	0	0	0	1.66929E-10	1.66929E-10	0.000166929
578945.014141176.4	578945.01	4141176	6.4865E-05	0	0	0	0	0	0	0	1.84018E-10	1.84018E-10	0.000184018
578965.014141176.4	578965.01	4141176	7.03939E-05	0	0	0	0	0	0	0	1.99703E-10	1.99703E-10	0.000199703
578985.014141176.4	578985.01	4141176	7.54388E-05	0	0	0	0	0	0	0	2.14015E-10	2.14015E-10	0.000214015
579005.014141176.4	579005.01	4141176	7.98773E-05	0	0	0	0	0	0	0	2.26607E-10	2.26607E-10	0.000226607
579025.014141176.4	579025.01	4141176	8.42576E-05	0	0	0	0	0	0	0	2.39034E-10	2.39034E-10	0.000239034
579045.014141176.4	579045.01	4141176	8.87714E-05	0	0	0	0	0	0	0	2.51839E-10	2.51839E-10	0.000251839
579065.014141176.4	579065.01	4141176	9.33676E-05	0	0	0	0	0	0	0	2.64878E-10	2.64878E-10	0.000264878
579085.014141176.4	579085.01	4141176	9.79506E-05	0	0	0	0	0	0	0	2.7788E-10	2.7788E-10	0.00027788
579105.014141176.4	579105.01	4141176	0.000102794	0	0	0	0	0	0	0	2.9162E-10	2.9162E-10	0.00029162
579125.014141176.4	579125.01	4141176	0.000107963	0	0	0	0	0	0	0	3.06285E-10	3.06285E-10	0.000306285
579145.014141176.4	579145.01	4141176	0.000113445	0	0	0	0	0	0	0	3.21836E-10	3.21836E-10	0.000321836
579165.014141176.4	579165.01	4141176	0.000119074	0	0	0	0	0	0	0	3.37806E-10	3.37806E-10	0.000337806
579185.014141176.4	579185.01	4141176	0.000125477	0	0	0	0	0	0	0	3.55972E-10	3.55972E-10	0.000355972
579205.014141176.4	579205.01	4141176	0.000132011	0	0	0	0	0	0	0	3.74508E-10	3.74508E-10	0.000374508

579225.014141176.4:	579225.01	4141176	0.000138978	0	0	0	0	0	0	0	3.94271E-10	3.94271E-10	0.000394271
578385.014141196.4:	578385.01	4141196	4.51884E-06	0	0	0	0	0	0	0	1.28197E-11	1.28197E-11	1.28197E-05
578405.014141196.4:	578405.01	4141196	4.73871E-06	0	0	0	0	0	0	0	1.34434E-11	1.34434E-11	1.34434E-05
578425.014141196.4:	578425.01	4141196	5.01078E-06	0	0	0	0	0	0	0	1.42153E-11	1.42153E-11	1.42153E-05
578445.014141196.4:	578445.01	4141196	5.29189E-06	0	0	0	0	0	0	0	1.50128E-11	1.50128E-11	1.50128E-05
578465.014141196.4:	578465.01	4141196	5.75974E-06	0	0	0	0	0	0	0	1.634E-11	1.634E-11	1.634E-05
578485.014141196.4:	578485.01	4141196	6.15831E-06	0	0	0	0	0	0	0	1.74708E-11	1.74708E-11	1.74708E-05
578505.014141196.4:	578505.01	4141196	6.56592E-06	0	0	0	0	0	0	0	1.86271E-11	1.86271E-11	1.86271E-05
578525.014141196.4:	578525.01	4141196	7.07493E-06	0	0	0	0	0	0	0	2.00712E-11	2.00712E-11	2.00712E-05
578545.014141196.4:	578545.01	4141196	7.64016E-06	0	0	0	0	0	0	0	2.16747E-11	2.16747E-11	2.16747E-05
578565.014141196.4:	578565.01	4141196	8.71641E-06	0	0	0	0	0	0	0	2.47279E-11	2.47279E-11	2.47279E-05
578585.014141196.4:	578585.01	4141196	9.36898E-06	0	0	0	0	0	0	0	2.65793E-11	2.65793E-11	2.65793E-05
578605.014141196.4:	578605.01	4141196	9.626E-06	0	0	0	0	0	0	0	2.73084E-11	2.73084E-11	2.73084E-05
578625.014141196.4:	578625.01	4141196	1.02715E-05	0	0	0	0	0	0	0	2.91398E-11	2.91398E-11	2.91398E-05
578645.014141196.4:	578645.01	4141196	1.15948E-05	0	0	0	0	0	0	0	3.28937E-11	3.28937E-11	3.28937E-05
578665.014141196.4:	578665.01	4141196	1.31559E-05	0	0	0	0	0	0	0	3.73226E-11	3.73226E-11	3.73226E-05
578685.014141196.4:	578685.01	4141196	1.44922E-05	0	0	0	0	0	0	0	4.11135E-11	4.11135E-11	4.11135E-05
578705.014141196.4:	578705.01	4141196	1.60222E-05	0	0	0	0	0	0	0	4.54542E-11	4.54542E-11	4.54542E-05
578725.014141196.4:	578725.01	4141196	1.78203E-05	0	0	0	0	0	0	0	5.05553E-11	5.05553E-11	5.05553E-05
578745.014141196.4:	578745.01	4141196	1.99879E-05	0	0	0	0	0	0	0	5.67045E-11	5.67045E-11	5.67045E-05
578765.014141196.4:	578765.01	4141196	2.25972E-05	0	0	0	0	0	0	0	6.41069E-11	6.41069E-11	6.41069E-05
578785.014141196.4:	578785.01	4141196	2.55739E-05	0	0	0	0	0	0	0	7.25518E-11	7.25518E-11	7.25518E-05
578805.014141196.4:	578805.01	4141196	2.92454E-05	0	0	0	0	0	0	0	8.29676E-11	8.29676E-11	8.29676E-05
578825.014141196.4:	578825.01	4141196	3.35715E-05	0	0	0	0	0	0	0	9.52404E-11	9.52404E-11	9.52404E-05
578845.014141196.4:	578845.01	4141196	3.87811E-05	0	0	0	0	0	0	0	1.1002E-10	1.1002E-10	0.00011002
578865.014141196.4:	578865.01	4141196	4.46914E-05	0	0	0	0	0	0	0	1.26787E-10	1.26787E-10	0.000126787
578885.014141196.4:	578885.01	4141196	5.08798E-05	0	0	0	0	0	0	0	1.44343E-10	1.44343E-10	0.000144343
578905.014141196.4:	578905.01	4141196	5.74327E-05	0	0	0	0	0	0	0	1.62933E-10	1.62933E-10	0.000162933
578925.014141196.4:	578925.01	4141196	6.41372E-05	0	0	0	0	0	0	0	1.81953E-10	1.81953E-10	0.000181953
578945.014141196.4:	578945.01	4141196	7.05927E-05	0	0	0	0	0	0	0	2.00267E-10	2.00267E-10	0.000200267
578965.014141196.4:	578965.01	4141196	7.65743E-05	0	0	0	0	0	0	0	2.17237E-10	2.17237E-10	0.000217237
578985.014141196.4:	578985.01	4141196	8.15579E-05	0	0	0	0	0	0	0	2.31375E-10	2.31375E-10	0.000231375
579005.014141196.4:	579005.01	4141196	8.63338E-05	0	0	0	0	0	0	0	2.44924E-10	2.44924E-10	0.000244924
579025.014141196.4:	579025.01	4141196	9.11147E-05	0	0	0	0	0	0	0	2.58487E-10	2.58487E-10	0.000258487
579045.014141196.4:	579045.01	4141196	9.57389E-05	0	0	0	0	0	0	0	2.71606E-10	2.71606E-10	0.000271606
579065.014141196.4:	579065.01	4141196	0.000100641	0	0	0	0	0	0	0	2.85513E-10	2.85513E-10	0.000285513
579085.014141196.4:	579085.01	4141196	0.000105301	0	0	0	0	0	0	0	2.98732E-10	2.98732E-10	0.000298732
579105.014141196.4:	579105.01	4141196	0.000110299	0	0	0	0	0	0	0	3.12913E-10	3.12913E-10	0.000312913
579125.014141196.4:	579125.01	4141196	0.000115817	0	0	0	0	0	0	0	3.28566E-10	3.28566E-10	0.000328566
579145.014141196.4:	579145.01	4141196	0.000122077	0	0	0	0	0	0	0	3.46325E-10	3.46325E-10	0.000346325
579165.014141196.4:	579165.01	4141196	0.000128563	0	0	0	0	0	0	0	3.64727E-10	3.64727E-10	0.000364727
579185.014141196.4:	579185.01	4141196	0.0001353	0	0	0	0	0	0	0	3.83838E-10	3.83838E-10	0.000383838
579205.014141196.4:	579205.01	4141196	0.000142609	0	0	0	0	0	0	0	4.04573E-10	4.04573E-10	0.000404573
579225.014141196.4:	579225.01	4141196	0.000150574	0	0	0	0	0	0	0	4.27171E-10	4.27171E-10	0.000427171
579245.014141196.4:	579245.01	4141196	0.000159374	0	0	0	0	0	0	0	4.52135E-10	4.52135E-10	0.000452135
578385.014141216.4:	578385.01	4141216	4.61923E-06	0	0	0	0	0	0	0	1.31045E-11	1.31045E-11	1.31045E-05
578405.014141216.4:	578405.01	4141216	4.84211E-06	0	0	0	0	0	0	0	1.37368E-11	1.37368E-11	1.37368E-05
578425.014141216.4:	578425.01	4141216	5.09712E-06	0	0	0	0	0	0	0	1.44602E-11	1.44602E-11	1.44602E-05
578445.014141216.4:	578445.01	4141216	5.38024E-06	0	0	0	0	0	0	0	1.52634E-11	1.52634E-11	1.52634E-05
578465.014141216.4:	578465.01	4141216	5.86716E-06	0	0	0	0	0	0	0	1.66448E-11	1.66448E-11	1.66448E-05
578485.014141216.4:	578485.01	4141216	6.27075E-06	0	0	0	0	0	0	0	1.77898E-11	1.77898E-11	1.77898E-05
578505.014141216.4:	578505.01	4141216	6.66732E-06	0	0	0	0	0	0	0	1.89148E-11	1.89148E-11	1.89148E-05
578525.014141216.4:	578525.01	4141216	7.2205E-06	0	0	0	0	0	0	0	2.04841E-11	2.04841E-11	2.04841E-05
578545.014141216.4:	578545.01	4141216	8.22748E-06	0	0	0	0	0	0	0	2.33409E-11	2.33409E-11	2.33409E-05
578565.014141216.4:	578565.01	4141216	8.91017E-06	0	0	0	0	0	0	0	2.52776E-11	2.52776E-11	2.52776E-05
578585.014141216.4:	578585.01	4141216	9.63102E-06	0	0	0	0	0	0	0	2.73226E-11	2.73226E-11	2.73226E-05
578605.014141216.4:	578605.01	4141216	1.03388E-05	0	0	0	0	0	0	0	2.93306E-11	2.93306E-11	2.93306E-05
578625.014141216.4:	578625.01	4141216	1.12233E-05	0	0	0	0	0	0	0	3.18398E-11	3.18398E-11	3.18398E-05
578645.014141216.4:	578645.01	4141216	1.23799E-05	0	0	0	0	0	0	0	3.5121E-11	3.5121E-11	3.5121E-05
578665.014141216.4:	578665.01	4141216	1.36037E-05	0	0	0	0	0	0	0	3.85929E-11	3.85929E-11	3.85929E-05
578685.014141216.4:	578685.01	4141216	1.50594E-05	0	0	0	0	0	0	0	4.27228E-11	4.27228E-11	4.27228E-05

578705.014141216.4:	578705.01	4141216	1.66367E-05	0	0	0	0	0	0	0	4.71973E-11	4.71973E-11	4.71973E-05
578725.014141216.4:	578725.01	4141216	1.85322E-05	0	0	0	0	0	0	0	5.25746E-11	5.25746E-11	5.25746E-05
578745.014141216.4:	578745.01	4141216	2.08764E-05	0	0	0	0	0	0	0	5.92251E-11	5.92251E-11	5.92251E-05
578765.014141216.4:	578765.01	4141216	2.37558E-05	0	0	0	0	0	0	0	6.73937E-11	6.73937E-11	6.73937E-05
578785.014141216.4:	578785.01	4141216	2.71572E-05	0	0	0	0	0	0	0	7.70434E-11	7.70434E-11	7.70434E-05
578805.014141216.4:	578805.01	4141216	3.1158E-05	0	0	0	0	0	0	0	8.83934E-11	8.83934E-11	8.83934E-05
578825.014141216.4:	578825.01	4141216	3.60071E-05	0	0	0	0	0	0	0	1.0215E-10	1.0215E-10	0.00010215
578845.014141216.4:	578845.01	4141216	4.17689E-05	0	0	0	0	0	0	0	1.18496E-10	1.18496E-10	0.000118496
578925.014141216.4:	578925.01	4141216	7.00907E-05	0	0	0	0	0	0	0	1.98843E-10	1.98843E-10	0.000198843
578945.014141216.4:	578945.01	4141216	7.69066E-05	0	0	0	0	0	0	0	2.18179E-10	2.18179E-10	0.000218179
578965.014141216.4:	578965.01	4141216	8.34685E-05	0	0	0	0	0	0	0	2.36795E-10	2.36795E-10	0.000236795
578985.014141216.4:	578985.01	4141216	8.89702E-05	0	0	0	0	0	0	0	2.52403E-10	2.52403E-10	0.000252403
579005.014141216.4:	579005.01	4141216	9.39017E-05	0	0	0	0	0	0	0	2.66393E-10	2.66393E-10	0.000266393
579025.014141216.4:	579025.01	4141216	9.84858E-05	0	0	0	0	0	0	0	2.79398E-10	2.79398E-10	0.000279398
579045.014141216.4:	579045.01	4141216	0.000103216	0	0	0	0	0	0	0	2.92819E-10	2.92819E-10	0.000292819
579065.014141216.4:	579065.01	4141216	0.000108303	0	0	0	0	0	0	0	3.07248E-10	3.07248E-10	0.000307248
579085.014141216.4:	579085.01	4141216	0.00011334	0	0	0	0	0	0	0	3.2154E-10	3.2154E-10	0.00032154
579105.014141216.4:	579105.01	4141216	0.000118716	0	0	0	0	0	0	0	3.36789E-10	3.36789E-10	0.000336789
579125.014141216.4:	579125.01	4141216	0.00012495	0	0	0	0	0	0	0	3.54476E-10	3.54476E-10	0.000354476
579145.014141216.4:	579145.01	4141216	0.000131751	0	0	0	0	0	0	0	3.7377E-10	3.7377E-10	0.00037377
579165.014141216.4:	579165.01	4141216	0.000138713	0	0	0	0	0	0	0	3.93519E-10	3.93519E-10	0.000393519
579185.014141216.4:	579185.01	4141216	0.000146318	0	0	0	0	0	0	0	4.15094E-10	4.15094E-10	0.000415094
579205.014141216.4:	579205.01	4141216	0.000154827	0	0	0	0	0	0	0	4.39236E-10	4.39236E-10	0.000439236
579225.014141216.4:	579225.01	4141216	0.000164424	0	0	0	0	0	0	0	4.66461E-10	4.66461E-10	0.000466461
579245.014141216.4:	579245.01	4141216	0.000174354	0	0	0	0	0	0	0	4.94633E-10	4.94633E-10	0.000494633
578385.014141236.4:	578385.01	4141236	4.67646E-06	0	0	0	0	0	0	0	1.32668E-11	1.32668E-11	1.32668E-05
578405.014141236.4:	578405.01	4141236	5.09812E-06	0	0	0	0	0	0	0	1.44631E-11	1.44631E-11	1.44631E-05
578425.014141236.4:	578425.01	4141236	5.30795E-06	0	0	0	0	0	0	0	1.50583E-11	1.50583E-11	1.50583E-05
578445.014141236.4:	578445.01	4141236	5.64328E-06	0	0	0	0	0	0	0	1.60096E-11	1.60096E-11	1.60096E-05
578465.014141236.4:	578465.01	4141236	6.00671E-06	0	0	0	0	0	0	0	1.70407E-11	1.70407E-11	1.70407E-05
578485.014141236.4:	578485.01	4141236	6.37918E-06	0	0	0	0	0	0	0	1.80974E-11	1.80974E-11	1.80974E-05
578505.014141236.4:	578505.01	4141236	6.89421E-06	0	0	0	0	0	0	0	1.95585E-11	1.95585E-11	1.95585E-05
578525.014141236.4:	578525.01	4141236	7.91926E-06	0	0	0	0	0	0	0	2.24665E-11	2.24665E-11	2.24665E-05
578545.014141236.4:	578545.01	4141236	8.39413E-06	0	0	0	0	0	0	0	2.38137E-11	2.38137E-11	2.38137E-05
578565.014141236.4:	578565.01	4141236	9.0959E-06	0	0	0	0	0	0	0	2.58045E-11	2.58045E-11	2.58045E-05
578585.014141236.4:	578585.01	4141236	9.879E-06	0	0	0	0	0	0	0	2.80261E-11	2.80261E-11	2.80261E-05
578605.014141236.4:	578605.01	4141236	1.0647E-05	0	0	0	0	0	0	0	3.0205E-11	3.0205E-11	3.0205E-05
578625.014141236.4:	578625.01	4141236	1.15456E-05	0	0	0	0	0	0	0	3.27541E-11	3.27541E-11	3.27541E-05
578645.014141236.4:	578645.01	4141236	1.27152E-05	0	0	0	0	0	0	0	3.60722E-11	3.60722E-11	3.60722E-05
578665.014141236.4:	578665.01	4141236	1.40394E-05	0	0	0	0	0	0	0	3.9829E-11	3.9829E-11	3.9829E-05
578685.014141236.4:	578685.01	4141236	1.55895E-05	0	0	0	0	0	0	0	4.42266E-11	4.42266E-11	4.42266E-05
578705.014141236.4:	578705.01	4141236	1.73214E-05	0	0	0	0	0	0	0	4.91397E-11	4.91397E-11	4.91397E-05
578725.014141236.4:	578725.01	4141236	1.93755E-05	0	0	0	0	0	0	0	5.49671E-11	5.49671E-11	5.49671E-05
578745.014141236.4:	578745.01	4141236	2.18362E-05	0	0	0	0	0	0	0	6.1948E-11	6.1948E-11	6.1948E-05
578765.014141236.4:	578765.01	4141236	2.49033E-05	0	0	0	0	0	0	0	7.06492E-11	7.06492E-11	7.06492E-05
578785.014141236.4:	578785.01	4141236	2.88348E-05	0	0	0	0	0	0	0	8.18027E-11	8.18027E-11	8.18027E-05
578805.014141236.4:	578805.01	4141236	3.33376E-05	0	0	0	0	0	0	0	9.45768E-11	9.45768E-11	9.45768E-05
578825.014141236.4:	578825.01	4141236	3.88423E-05	0	0	0	0	0	0	0	1.10193E-10	1.10193E-10	0.000110193
578945.014141236.4:	578945.01	4141236	8.43821E-05	0	0	0	0	0	0	0	2.39387E-10	2.39387E-10	0.000239387
578965.014141236.4:	578965.01	4141236	9.09339E-05	0	0	0	0	0	0	0	2.57974E-10	2.57974E-10	0.000257974
578985.014141236.4:	578985.01	4141236	9.69899E-05	0	0	0	0	0	0	0	2.75154E-10	2.75154E-10	0.000275154
579005.014141236.4:	579005.01	4141236	0.000101941	0	0	0	0	0	0	0	2.89202E-10	2.89202E-10	0.000289202
579025.014141236.4:	579025.01	4141236	0.000106617	0	0	0	0	0	0	0	3.02466E-10	3.02466E-10	0.000302466
579045.014141236.4:	579045.01	4141236	0.000111377	0	0	0	0	0	0	0	3.15969E-10	3.15969E-10	0.000315969
579065.014141236.4:	579065.01	4141236	0.000116462	0	0	0	0	0	0	0	3.30395E-10	3.30395E-10	0.000330395
579085.014141236.4:	579085.01	4141236	0.000122277	0	0	0	0	0	0	0	3.46892E-10	3.46892E-10	0.000346892
579105.014141236.4:	579105.01	4141236	0.000128349	0	0	0	0	0	0	0	3.64118E-10	3.64118E-10	0.000364118
579125.014141236.4:	579125.01	4141236	0.000135006	0	0	0	0	0	0	0	3.83004E-10	3.83004E-10	0.000383004
579145.014141236.4:	579145.01	4141236	0.000142196	0	0	0	0	0	0	0	4.03403E-10	4.03403E-10	0.000403403
579165.014141236.4:	579165.01	4141236	0.000150252	0	0	0	0	0	0	0	4.26256E-10	4.26256E-10	0.000426256
579185.014141236.4:	579185.01	4141236	0.000159042	0	0	0	0	0	0	0	4.51192E-10	4.51192E-10	0.000451192

579205.014141236.4:	579205.01	4141236	0.000168903	0	0	0	0	0	0	0	4.79167E-10	4.79167E-10	0.000479167
579225.014141236.4:	579225.01	4141236	0.000180197	0	0	0	0	0	0	0	5.11209E-10	5.11209E-10	0.000511209
579245.014141236.4:	579245.01	4141236	0.000191683	0	0	0	0	0	0	0	5.43792E-10	5.43792E-10	0.000543792
578385.014141256.4:	578385.01	4141256	4.75577E-06	0	0	0	0	0	0	0	1.34918E-11	1.34918E-11	1.34918E-05
578405.014141256.4:	578405.01	4141256	5.18145E-06	0	0	0	0	0	0	0	1.46995E-11	1.46995E-11	1.46995E-05
578425.014141256.4:	578425.01	4141256	5.51577E-06	0	0	0	0	0	0	0	1.56479E-11	1.56479E-11	1.56479E-05
578445.014141256.4:	578445.01	4141256	5.80491E-06	0	0	0	0	0	0	0	1.64682E-11	1.64682E-11	1.64682E-05
578465.014141256.4:	578465.01	4141256	6.12618E-06	0	0	0	0	0	0	0	1.73796E-11	1.73796E-11	1.73796E-05
578485.014141256.4:	578485.01	4141256	6.5107E-06	0	0	0	0	0	0	0	1.84705E-11	1.84705E-11	1.84705E-05
578505.014141256.4:	578505.01	4141256	7.04481E-06	0	0	0	0	0	0	0	1.99857E-11	1.99857E-11	1.99857E-05
578525.014141256.4:	578525.01	4141256	8.01765E-06	0	0	0	0	0	0	0	2.27456E-11	2.27456E-11	2.27456E-05
578545.014141256.4:	578545.01	4141256	8.18832E-06	0	0	0	0	0	0	0	2.32298E-11	2.32298E-11	2.32298E-05
578565.014141256.4:	578565.01	4141256	9.28565E-06	0	0	0	0	0	0	0	2.63429E-11	2.63429E-11	2.63429E-05
578585.014141256.4:	578585.01	4141256	1.0122E-05	0	0	0	0	0	0	0	2.87154E-11	2.87154E-11	2.87154E-05
578605.014141256.4:	578605.01	4141256	1.10135E-05	0	0	0	0	0	0	0	3.12446E-11	3.12446E-11	3.12446E-05
578625.014141256.4:	578625.01	4141256	1.1902E-05	0	0	0	0	0	0	0	3.37652E-11	3.37652E-11	3.37652E-05
578645.014141256.4:	578645.01	4141256	1.29963E-05	0	0	0	0	0	0	0	3.68697E-11	3.68697E-11	3.68697E-05
578665.014141256.4:	578665.01	4141256	1.4432E-05	0	0	0	0	0	0	0	4.09426E-11	4.09426E-11	4.09426E-05
578685.014141256.4:	578685.01	4141256	1.60494E-05	0	0	0	0	0	0	0	4.55311E-11	4.55311E-11	4.55311E-05
578705.014141256.4:	578705.01	4141256	1.80332E-05	0	0	0	0	0	0	0	5.11591E-11	5.11591E-11	5.11591E-05
578725.014141256.4:	578725.01	4141256	2.0257E-05	0	0	0	0	0	0	0	5.74678E-11	5.74678E-11	5.74678E-05
578745.014141256.4:	578745.01	4141256	2.29215E-05	0	0	0	0	0	0	0	6.50269E-11	6.50269E-11	6.50269E-05
578765.014141256.4:	578765.01	4141256	2.62757E-05	0	0	0	0	0	0	0	7.45427E-11	7.45427E-11	7.45427E-05
578785.014141256.4:	578785.01	4141256	3.05165E-05	0	0	0	0	0	0	0	8.65734E-11	8.65734E-11	8.65734E-05
578805.014141256.4:	578805.01	4141256	3.58555E-05	0	0	0	0	0	0	0	1.0172E-10	1.0172E-10	0.00010172
578965.014141256.4:	578965.01	4141256	9.96373E-05	0	0	0	0	0	0	0	2.82665E-10	2.82665E-10	0.000282665
578985.014141256.4:	578985.01	4141256	0.000105502	0	0	0	0	0	0	0	2.99304E-10	2.99304E-10	0.000299304
579005.014141256.4:	579005.01	4141256	0.000110931	0	0	0	0	0	0	0	3.14704E-10	3.14704E-10	0.000314704
579025.014141256.4:	579025.01	4141256	0.000115511	0	0	0	0	0	0	0	3.27698E-10	3.27698E-10	0.000327698
579045.014141256.4:	579045.01	4141256	0.00012047	0	0	0	0	0	0	0	3.41765E-10	3.41765E-10	0.000341765
579065.014141256.4:	579065.01	4141256	0.000125922	0	0	0	0	0	0	0	3.57233E-10	3.57233E-10	0.000357233
579085.014141256.4:	579085.01	4141256	0.000132245	0	0	0	0	0	0	0	3.75171E-10	3.75171E-10	0.000375171
579105.014141256.4:	579105.01	4141256	0.000138687	0	0	0	0	0	0	0	3.93448E-10	3.93448E-10	0.000393448
579125.014141256.4:	579125.01	4141256	0.000146001	0	0	0	0	0	0	0	4.14197E-10	4.14197E-10	0.000414197
579145.014141256.4:	579145.01	4141256	0.000154236	0	0	0	0	0	0	0	4.37558E-10	4.37558E-10	0.000437558
579165.014141256.4:	579165.01	4141256	0.000163555	0	0	0	0	0	0	0	4.63995E-10	4.63995E-10	0.000463995
579185.014141256.4:	579185.01	4141256	0.000174054	0	0	0	0	0	0	0	4.93781E-10	4.93781E-10	0.000493781
579205.014141256.4:	579205.01	4141256	0.000185549	0	0	0	0	0	0	0	5.26393E-10	5.26393E-10	0.000526393
579225.014141256.4:	579225.01	4141256	0.000198279	0	0	0	0	0	0	0	5.62505E-10	5.62505E-10	0.000562505
579245.014141256.4:	579245.01	4141256	0.000212112	0	0	0	0	0	0	0	6.0175E-10	6.0175E-10	0.00060175
579265.014141256.4:	579265.01	4141256	0.000226669	0	0	0	0	0	0	0	6.43046E-10	6.43046E-10	0.000643046
578385.014141276.4:	578385.01	4141276	5.20354E-06	0	0	0	0	0	0	0	1.47621E-11	1.47621E-11	1.47621E-05
578405.014141276.4:	578405.01	4141276	5.27081E-06	0	0	0	0	0	0	0	1.4953E-11	1.4953E-11	1.4953E-05
578425.014141276.4:	578425.01	4141276	5.60011E-06	0	0	0	0	0	0	0	1.58872E-11	1.58872E-11	1.58872E-05
578445.014141276.4:	578445.01	4141276	5.9535E-06	0	0	0	0	0	0	0	1.68897E-11	1.68897E-11	1.68897E-05
578465.014141276.4:	578465.01	4141276	6.27878E-06	0	0	0	0	0	0	0	1.78125E-11	1.78125E-11	1.78125E-05
578485.014141276.4:	578485.01	4141276	6.67033E-06	0	0	0	0	0	0	0	1.89233E-11	1.89233E-11	1.89233E-05
578505.014141276.4:	578505.01	4141276	7.15022E-06	0	0	0	0	0	0	0	2.02848E-11	2.02848E-11	2.02848E-05
578525.014141276.4:	578525.01	4141276	7.68032E-06	0	0	0	0	0	0	0	2.17886E-11	2.17886E-11	2.17886E-05
578545.014141276.4:	578545.01	4141276	8.27366E-06	0	0	0	0	0	0	0	2.34719E-11	2.34719E-11	2.34719E-05
578565.014141276.4:	578565.01	4141276	9.39107E-06	0	0	0	0	0	0	0	2.66419E-11	2.66419E-11	2.66419E-05
578585.014141276.4:	578585.01	4141276	1.03017E-05	0	0	0	0	0	0	0	2.92252E-11	2.92252E-11	2.92252E-05
578605.014141276.4:	578605.01	4141276	1.12233E-05	0	0	0	0	0	0	0	3.18398E-11	3.18398E-11	3.18398E-05
578625.014141276.4:	578625.01	4141276	1.22965E-05	0	0	0	0	0	0	0	3.48846E-11	3.48846E-11	3.48846E-05
578645.014141276.4:	578645.01	4141276	1.3419E-05	0	0	0	0	0	0	0	3.80688E-11	3.80688E-11	3.80688E-05
578665.014141276.4:	578665.01	4141276	1.48325E-05	0	0	0	0	0	0	0	4.20791E-11	4.20791E-11	4.20791E-05
578685.014141276.4:	578685.01	4141276	1.65694E-05	0	0	0	0	0	0	0	4.70064E-11	4.70064E-11	4.70064E-05
578705.014141276.4:	578705.01	4141276	1.86617E-05	0	0	0	0	0	0	0	5.2942E-11	5.2942E-11	5.2942E-05
578725.014141276.4:	578725.01	4141276	2.12047E-05	0	0	0	0	0	0	0	6.01565E-11	6.01565E-11	6.01565E-05
578745.014141276.4:	578745.01	4141276	2.41202E-05	0	0	0	0	0	0	0	6.84276E-11	6.84276E-11	6.84276E-05
578765.014141276.4:	578765.01	4141276	2.78891E-05	0	0	0	0	0	0	0	7.91197E-11	7.91197E-11	7.91197E-05

578785.014141276.4:	578785.01	4141276	3.25906E-05	0	0	0	0	0	0	0	9.24577E-11	9.24577E-11	9.24577E-05
578985.014141276.4:	578985.01	4141276	0.000115226	0	0	0	0	0	0	0	3.26889E-10	3.26889E-10	0.000326889
579005.014141276.4:	579005.01	4141276	0.000120479	0	0	0	0	0	0	0	3.41791E-10	3.41791E-10	0.000341791
579025.014141276.4:	579025.01	4141276	0.000125647	0	0	0	0	0	0	0	3.56453E-10	3.56453E-10	0.000356453
579045.014141276.4:	579045.01	4141276	0.000130752	0	0	0	0	0	0	0	3.70936E-10	3.70936E-10	0.000370936
579065.014141276.4:	579065.01	4141276	0.000136801	0	0	0	0	0	0	0	3.88096E-10	3.88096E-10	0.000388096
579085.014141276.4:	579085.01	4141276	0.00014302	0	0	0	0	0	0	0	4.05738E-10	4.05738E-10	0.000405738
579105.014141276.4:	579105.01	4141276	0.000150441	0	0	0	0	0	0	0	4.26792E-10	4.26792E-10	0.000426792
579125.014141276.4:	579125.01	4141276	0.000158823	0	0	0	0	0	0	0	4.50571E-10	4.50571E-10	0.000450571
579145.014141276.4:	579145.01	4141276	0.000168547	0	0	0	0	0	0	0	4.78159E-10	4.78159E-10	0.000478159
579165.014141276.4:	579165.01	4141276	0.000179273	0	0	0	0	0	0	0	5.08586E-10	5.08586E-10	0.000508586
579185.014141276.4:	579185.01	4141276	0.000191236	0	0	0	0	0	0	0	5.42525E-10	5.42525E-10	0.000542525
579205.014141276.4:	579205.01	4141276	0.000204609	0	0	0	0	0	0	0	5.80463E-10	5.80463E-10	0.000580463
579225.014141276.4:	579225.01	4141276	0.000219507	0	0	0	0	0	0	0	6.2273E-10	6.2273E-10	0.00062273
579245.014141276.4:	579245.01	4141276	0.000235735	0	0	0	0	0	0	0	6.68765E-10	6.68765E-10	0.000668765
579265.014141276.4:	579265.01	4141276	0.000254074	0	0	0	0	0	0	0	7.20793E-10	7.20793E-10	0.000720793
578385.014141296.4:	578385.01	4141296	5.09812E-06	0	0	0	0	0	0	0	1.44631E-11	1.44631E-11	1.44631E-05
578405.014141296.4:	578405.01	4141296	6.02077E-06	0	0	0	0	0	0	0	1.70806E-11	1.70806E-11	1.70806E-05
578425.014141296.4:	578425.01	4141296	5.71355E-06	0	0	0	0	0	0	0	1.6209E-11	1.6209E-11	1.6209E-05
578445.014141296.4:	578445.01	4141296	6.04285E-06	0	0	0	0	0	0	0	1.71432E-11	1.71432E-11	1.71432E-05
578465.014141296.4:	578465.01	4141296	6.47355E-06	0	0	0	0	0	0	0	1.83651E-11	1.83651E-11	1.83651E-05
578485.014141296.4:	578485.01	4141296	6.8902E-06	0	0	0	0	0	0	0	1.95471E-11	1.95471E-11	1.95471E-05
578505.014141296.4:	578505.01	4141296	7.32793E-06	0	0	0	0	0	0	0	2.07889E-11	2.07889E-11	2.07889E-05
578525.014141296.4:	578525.01	4141296	7.83995E-06	0	0	0	0	0	0	0	2.22415E-11	2.22415E-11	2.22415E-05
578545.014141296.4:	578545.01	4141296	8.44734E-06	0	0	0	0	0	0	0	2.39646E-11	2.39646E-11	2.39646E-05
578565.014141296.4:	578565.01	4141296	9.47841E-06	0	0	0	0	0	0	0	2.68897E-11	2.68897E-11	2.68897E-05
578585.014141296.4:	578585.01	4141296	1.04663E-05	0	0	0	0	0	0	0	2.96923E-11	2.96923E-11	2.96923E-05
578605.014141296.4:	578605.01	4141296	1.14351E-05	0	0	0	0	0	0	0	3.24408E-11	3.24408E-11	3.24408E-05
578625.014141296.4:	578625.01	4141296	1.26038E-05	0	0	0	0	0	0	0	3.57561E-11	3.57561E-11	3.57561E-05
578645.014141296.4:	578645.01	4141296	1.38908E-05	0	0	0	0	0	0	0	3.94075E-11	3.94075E-11	3.94075E-05
578665.014141296.4:	578665.01	4141296	1.53024E-05	0	0	0	0	0	0	0	4.3412E-11	4.3412E-11	4.3412E-05
578685.014141296.4:	578685.01	4141296	1.70975E-05	0	0	0	0	0	0	0	4.85046E-11	4.85046E-11	4.85046E-05
578705.014141296.4:	578705.01	4141296	1.93373E-05	0	0	0	0	0	0	0	5.48589E-11	5.48589E-11	5.48589E-05
578725.014141296.4:	578725.01	4141296	2.20721E-05	0	0	0	0	0	0	0	6.26173E-11	6.26173E-11	6.26173E-05
578745.014141296.4:	578745.01	4141296	2.54334E-05	0	0	0	0	0	0	0	7.2153E-11	7.2153E-11	7.2153E-05
579005.014141296.4:	579005.01	4141296	0.000131193	0	0	0	0	0	0	0	3.72186E-10	3.72186E-10	0.000372186
579025.014141296.4:	579025.01	4141296	0.000136555	0	0	0	0	0	0	0	3.87399E-10	3.87399E-10	0.000387399
579045.014141296.4:	579045.01	4141296	0.00014218	0	0	0	0	0	0	0	4.03357E-10	4.03357E-10	0.000403357
579065.014141296.4:	579065.01	4141296	0.000148144	0	0	0	0	0	0	0	4.20275E-10	4.20275E-10	0.000420275
579085.014141296.4:	579085.01	4141296	0.000155429	0	0	0	0	0	0	0	4.40942E-10	4.40942E-10	0.000440942
579105.014141296.4:	579105.01	4141296	0.000164186	0	0	0	0	0	0	0	4.65786E-10	4.65786E-10	0.000465786
579125.014141296.4:	579125.01	4141296	0.000173961	0	0	0	0	0	0	0	4.93516E-10	4.93516E-10	0.000493516
579145.014141296.4:	579145.01	4141296	0.000184675	0	0	0	0	0	0	0	5.23912E-10	5.23912E-10	0.000523912
579165.014141296.4:	579165.01	4141296	0.000197477	0	0	0	0	0	0	0	5.60229E-10	5.60229E-10	0.000560229
579185.014141296.4:	579185.01	4141296	0.000211268	0	0	0	0	0	0	0	5.99355E-10	5.99355E-10	0.000599355
579205.014141296.4:	579205.01	4141296	0.000226935	0	0	0	0	0	0	0	6.43801E-10	6.43801E-10	0.000643801
579225.014141296.4:	579225.01	4141296	0.000244619	0	0	0	0	0	0	0	6.93969E-10	6.93969E-10	0.000693969
579245.014141296.4:	579245.01	4141296	0.000263774	0	0	0	0	0	0	0	7.48312E-10	7.48312E-10	0.000748312
579265.014141296.4:	579265.01	4141296	0.00028641	0	0	0	0	0	0	0	8.12527E-10	8.12527E-10	0.000812527
579285.014141296.4:	579285.01	4141296	0.000311145	0	0	0	0	0	0	0	8.82701E-10	8.82701E-10	0.000882701
578385.014141316.4:	578385.01	4141316	5.22864E-06	0	0	0	0	0	0	0	1.48333E-11	1.48333E-11	1.48333E-05
578405.014141316.4:	578405.01	4141316	5.50272E-06	0	0	0	0	0	0	0	1.56109E-11	1.56109E-11	1.56109E-05
578425.014141316.4:	578425.01	4141316	6.50468E-06	0	0	0	0	0	0	0	1.84534E-11	1.84534E-11	1.84534E-05
578445.014141316.4:	578445.01	4141316	6.24867E-06	0	0	0	0	0	0	0	1.77271E-11	1.77271E-11	1.77271E-05
578465.014141316.4:	578465.01	4141316	6.53078E-06	0	0	0	0	0	0	0	1.85274E-11	1.85274E-11	1.85274E-05
578485.014141316.4:	578485.01	4141316	7.00967E-06	0	0	0	0	0	0	0	1.9886E-11	1.9886E-11	1.9886E-05
578505.014141316.4:	578505.01	4141316	7.79678E-06	0	0	0	0	0	0	0	2.2119E-11	2.2119E-11	2.2119E-05
578525.014141316.4:	578525.01	4141316	8.58589E-06	0	0	0	0	0	0	0	2.43577E-11	2.43577E-11	2.43577E-05
578545.014141316.4:	578545.01	4141316	9.13104E-06	0	0	0	0	0	0	0	2.59042E-11	2.59042E-11	2.59042E-05
578565.014141316.4:	578565.01	4141316	9.90711E-06	0	0	0	0	0	0	0	2.81059E-11	2.81059E-11	2.81059E-05
578585.014141316.4:	578585.01	4141316	1.07143E-05	0	0	0	0	0	0	0	3.03958E-11	3.03958E-11	3.03958E-05

578605.014141316.4:	578605.01	4141316	1.17173E-05	0	0	0	0	0	0	0	3.32412E-11	3.32412E-11	3.32412E-05
578625.014141316.4:	578625.01	4141316	1.28999E-05	0	0	0	0	0	0	0	3.65963E-11	3.65963E-11	3.65963E-05
578645.014141316.4:	578645.01	4141316	1.43235E-05	0	0	0	0	0	0	0	4.0635E-11	4.0635E-11	4.0635E-05
578665.014141316.4:	578665.01	4141316	1.58696E-05	0	0	0	0	0	0	0	4.50212E-11	4.50212E-11	4.50212E-05
578685.014141316.4:	578685.01	4141316	1.773E-05	0	0	0	0	0	0	0	5.02989E-11	5.02989E-11	5.02989E-05
578705.014141316.4:	578705.01	4141316	2.00652E-05	0	0	0	0	0	0	0	5.69238E-11	5.69238E-11	5.69238E-05
578725.014141316.4:	578725.01	4141316	2.30249E-05	0	0	0	0	0	0	0	6.53202E-11	6.53202E-11	6.53202E-05
579025.014141316.4:	579025.01	4141316	0.000148421	0	0	0	0	0	0	0	4.21061E-10	4.21061E-10	0.000421061
579045.014141316.4:	579045.01	4141316	0.00015442	0	0	0	0	0	0	0	4.38079E-10	4.38079E-10	0.000438079
579065.014141316.4:	579065.01	4141316	0.000161447	0	0	0	0	0	0	0	4.58016E-10	4.58016E-10	0.000458016
579085.014141316.4:	579085.01	4141316	0.000170106	0	0	0	0	0	0	0	4.82582E-10	4.82582E-10	0.000482582
579105.014141316.4:	579105.01	4141316	0.000180301	0	0	0	0	0	0	0	5.11502E-10	5.11502E-10	0.000511502
579125.014141316.4:	579125.01	4141316	0.000191479	0	0	0	0	0	0	0	5.43214E-10	5.43214E-10	0.000543214
579145.014141316.4:	579145.01	4141316	0.000203975	0	0	0	0	0	0	0	5.78665E-10	5.78665E-10	0.000578665
579165.014141316.4:	579165.01	4141316	0.00021879	0	0	0	0	0	0	0	6.20693E-10	6.20693E-10	0.000620693
579185.014141316.4:	579185.01	4141316	0.000235366	0	0	0	0	0	0	0	6.6772E-10	6.6772E-10	0.00066772
579205.014141316.4:	579205.01	4141316	0.00025367	0	0	0	0	0	0	0	7.19648E-10	7.19648E-10	0.000719648
579225.014141316.4:	579225.01	4141316	0.000274809	0	0	0	0	0	0	0	7.79616E-10	7.79616E-10	0.000779616
579245.014141316.4:	579245.01	4141316	0.000299709	0	0	0	0	0	0	0	8.50257E-10	8.50257E-10	0.000850257
579265.014141316.4:	579265.01	4141316	0.00032825	0	0	0	0	0	0	0	9.31225E-10	9.31225E-10	0.000931225
579285.014141316.4:	579285.01	4141316	0.000359514	0	0	0	0	0	0	0	1.01992E-09	1.01992E-09	0.00101992
578385.014141336.4:	578385.01	4141336	5.33506E-06	0	0	0	0	0	0	0	1.51352E-11	1.51352E-11	1.51352E-05
578405.014141336.4:	578405.01	4141336	5.60412E-06	0	0	0	0	0	0	0	1.58986E-11	1.58986E-11	1.58986E-05
578425.014141336.4:	578425.01	4141336	5.91635E-06	0	0	0	0	0	0	0	1.67843E-11	1.67843E-11	1.67843E-05
578445.014141336.4:	578445.01	4141336	6.65326E-06	0	0	0	0	0	0	0	1.88749E-11	1.88749E-11	1.88749E-05
578465.014141336.4:	578465.01	4141336	7.46748E-06	0	0	0	0	0	0	0	2.11848E-11	2.11848E-11	2.11848E-05
578485.014141336.4:	578485.01	4141336	7.16127E-06	0	0	0	0	0	0	0	2.03161E-11	2.03161E-11	2.03161E-05
578505.014141336.4:	578505.01	4141336	7.63012E-06	0	0	0	0	0	0	0	2.16462E-11	2.16462E-11	2.16462E-05
578525.014141336.4:	578525.01	4141336	8.7666E-06	0	0	0	0	0	0	0	2.48703E-11	2.48703E-11	2.48703E-05
578545.014141336.4:	578545.01	4141336	9.45633E-06	0	0	0	0	0	0	0	2.6827E-11	2.6827E-11	2.6827E-05
578565.014141336.4:	578565.01	4141336	1.0145E-05	0	0	0	0	0	0	0	2.87809E-11	2.87809E-11	2.87809E-05
578585.014141336.4:	578585.01	4141336	1.09743E-05	0	0	0	0	0	0	0	3.11335E-11	3.11335E-11	3.11335E-05
578605.014141336.4:	578605.01	4141336	1.20044E-05	0	0	0	0	0	0	0	3.40557E-11	3.40557E-11	3.40557E-05
578625.014141336.4:	578625.01	4141336	1.32613E-05	0	0	0	0	0	0	0	3.76217E-11	3.76217E-11	3.76217E-05
578645.014141336.4:	578645.01	4141336	1.46267E-05	0	0	0	0	0	0	0	4.14952E-11	4.14952E-11	4.14952E-05
578665.014141336.4:	578665.01	4141336	1.64128E-05	0	0	0	0	0	0	0	4.65621E-11	4.65621E-11	4.65621E-05
578685.014141336.4:	578685.01	4141336	1.83866E-05	0	0	0	0	0	0	0	5.21616E-11	5.21616E-11	5.21616E-05
578705.014141336.4:	578705.01	4141336	2.09005E-05	0	0	0	0	0	0	0	5.92935E-11	5.92935E-11	5.92935E-05
579025.014141336.4:	579025.01	4141336	0.000162017	0	0	0	0	0	0	0	4.59631E-10	4.59631E-10	0.000459631
579045.014141336.4:	579045.01	4141336	0.000168672	0	0	0	0	0	0	0	4.78512E-10	4.78512E-10	0.000478512
579065.014141336.4:	579065.01	4141336	0.000177066	0	0	0	0	0	0	0	5.02326E-10	5.02326E-10	0.000502326
579085.014141336.4:	579085.01	4141336	0.000187239	0	0	0	0	0	0	0	5.31186E-10	5.31186E-10	0.000531186
579105.014141336.4:	579105.01	4141336	0.000198939	0	0	0	0	0	0	0	5.64379E-10	5.64379E-10	0.000564379
579125.014141336.4:	579125.01	4141336	0.000212264	0	0	0	0	0	0	0	6.0218E-10	6.0218E-10	0.00060218
579145.014141336.4:	579145.01	4141336	0.000227635	0	0	0	0	0	0	0	6.45786E-10	6.45786E-10	0.000645786
579165.014141336.4:	579165.01	4141336	0.000244692	0	0	0	0	0	0	0	6.94176E-10	6.94176E-10	0.000694176
579185.014141336.4:	579185.01	4141336	0.000264605	0	0	0	0	0	0	0	7.5067E-10	7.5067E-10	0.00075067
579205.014141336.4:	579205.01	4141336	0.000286433	0	0	0	0	0	0	0	8.12593E-10	8.12593E-10	0.000812593
579225.014141336.4:	579225.01	4141336	0.000314273	0	0	0	0	0	0	0	8.91573E-10	8.91573E-10	0.000891573
579245.014141336.4:	579245.01	4141336	0.000345453	0	0	0	0	0	0	0	9.80029E-10	9.80029E-10	0.000980029
579265.014141336.4:	579265.01	4141336	0.000381315	0	0	0	0	0	0	0	1.08177E-09	1.08177E-09	0.001081769
579285.014141336.4:	579285.01	4141336	0.000422541	0	0	0	0	0	0	0	1.19872E-09	1.19872E-09	0.001198724
578385.014141356.4:	578385.01	4141356	5.50373E-06	0	0	0	0	0	0	0	1.56137E-11	1.56137E-11	1.56137E-05
578405.014141356.4:	578405.01	4141356	5.80692E-06	0	0	0	0	0	0	0	1.64739E-11	1.64739E-11	1.64739E-05
578425.014141356.4:	578425.01	4141356	6.15028E-06	0	0	0	0	0	0	0	1.7448E-11	1.7448E-11	1.7448E-05
578445.014141356.4:	578445.01	4141356	6.48962E-06	0	0	0	0	0	0	0	1.84107E-11	1.84107E-11	1.84107E-05
578465.014141356.4:	578465.01	4141356	6.8902E-06	0	0	0	0	0	0	0	1.95471E-11	1.95471E-11	1.95471E-05
578485.014141356.4:	578485.01	4141356	8.07789E-06	0	0	0	0	0	0	0	2.29165E-11	2.29165E-11	2.29165E-05
578505.014141356.4:	578505.01	4141356	8.55376E-06	0	0	0	0	0	0	0	2.42665E-11	2.42665E-11	2.42665E-05
578525.014141356.4:	578525.01	4141356	8.95435E-06	0	0	0	0	0	0	0	2.5403E-11	2.5403E-11	2.5403E-05
578545.014141356.4:	578545.01	4141356	9.66515E-06	0	0	0	0	0	0	0	2.74195E-11	2.74195E-11	2.74195E-05

578565.014141356.4	578565.01	4141356	1.04754E-05	0	0	0	0	0	0	0	2.97179E-11	2.97179E-11	2.97179E-05
578585.014141356.4	578585.01	4141356	1.13016E-05	0	0	0	0	0	0	0	3.2062E-11	3.2062E-11	3.2062E-05
578605.014141356.4	578605.01	4141356	1.23628E-05	0	0	0	0	0	0	0	3.50725E-11	3.50725E-11	3.50725E-05
578625.014141356.4	578625.01	4141356	1.35836E-05	0	0	0	0	0	0	0	3.85359E-11	3.85359E-11	3.85359E-05
578645.014141356.4	578645.01	4141356	1.50343E-05	0	0	0	0	0	0	0	4.26516E-11	4.26516E-11	4.26516E-05
578665.014141356.4	578665.01	4141356	1.68626E-05	0	0	0	0	0	0	0	4.78381E-11	4.78381E-11	4.78381E-05
578685.014141356.4	578685.01	4141356	1.90602E-05	0	0	0	0	0	0	0	5.40728E-11	5.40728E-11	5.40728E-05
579025.014141356.4	579025.01	4141356	0.000177866	0	0	0	0	0	0	0	5.04596E-10	5.04596E-10	0.000504596
579045.014141356.4	579045.01	4141356	0.000185505	0	0	0	0	0	0	0	5.26267E-10	5.26267E-10	0.000526267
579065.014141356.4	579065.01	4141356	0.000195215	0	0	0	0	0	0	0	5.53812E-10	5.53812E-10	0.000553812
579085.014141356.4	579085.01	4141356	0.000207083	0	0	0	0	0	0	0	5.87483E-10	5.87483E-10	0.000587483
579105.014141356.4	579105.01	4141356	0.000220933	0	0	0	0	0	0	0	6.26774E-10	6.26774E-10	0.000626774
579125.014141356.4	579125.01	4141356	0.000237028	0	0	0	0	0	0	0	6.72433E-10	6.72433E-10	0.000672433
579145.014141356.4	579145.01	4141356	0.000255381	0	0	0	0	0	0	0	7.24501E-10	7.24501E-10	0.000724501
579165.014141356.4	579165.01	4141356	0.000275972	0	0	0	0	0	0	0	7.82917E-10	7.82917E-10	0.000782917
579185.014141356.4	579185.01	4141356	0.000300461	0	0	0	0	0	0	0	8.5239E-10	8.5239E-10	0.00085239
579205.014141356.4	579205.01	4141356	0.000329185	0	0	0	0	0	0	0	9.3388E-10	9.3388E-10	0.00093388
579225.014141356.4	579225.01	4141356	0.000363467	0	0	0	0	0	0	0	1.03113E-09	1.03113E-09	0.001031134
579245.014141356.4	579245.01	4141356	0.000403532	0	0	0	0	0	0	0	1.1448E-09	1.1448E-09	0.001144796
579265.014141356.4	579265.01	4141356	0.000451124	0	0	0	0	0	0	0	1.27981E-09	1.27981E-09	0.001279811
579285.014141356.4	579285.01	4141356	0.000505528	0	0	0	0	0	0	0	1.43415E-09	1.43415E-09	0.001434152
579305.014141356.4	579305.01	4141356	0.000570094	0	0	0	0	0	0	0	1.61732E-09	1.61732E-09	0.001617324
578385.014141376.4	578385.01	4141376	5.63223E-06	0	0	0	0	0	0	0	1.59783E-11	1.59783E-11	1.59783E-05
578405.014141376.4	578405.01	4141376	6.4093E-06	0	0	0	0	0	0	0	1.81828E-11	1.81828E-11	1.81828E-05
578425.014141376.4	578425.01	4141376	6.76571E-06	0	0	0	0	0	0	0	1.91939E-11	1.91939E-11	1.91939E-05
578445.014141376.4	578445.01	4141376	7.1944E-06	0	0	0	0	0	0	0	2.04101E-11	2.04101E-11	2.04101E-05
578465.014141376.4	578465.01	4141376	7.6E-06	0	0	0	0	0	0	0	2.15608E-11	2.15608E-11	2.15608E-05
578485.014141376.4	578485.01	4141376	7.86906E-06	0	0	0	0	0	0	0	2.23241E-11	2.23241E-11	2.23241E-05
578505.014141376.4	578505.01	4141376	8.61601E-06	0	0	0	0	0	0	0	2.44431E-11	2.44431E-11	2.44431E-05
578525.014141376.4	578525.01	4141376	9.42721E-06	0	0	0	0	0	0	0	2.67444E-11	2.67444E-11	2.67444E-05
578545.014141376.4	578545.01	4141376	9.88E-06	0	0	0	0	0	0	0	2.8029E-11	2.8029E-11	2.8029E-05
578565.014141376.4	578565.01	4141376	1.07464E-05	0	0	0	0	0	0	0	3.0487E-11	3.0487E-11	3.0487E-05
578585.014141376.4	578585.01	4141376	1.17012E-05	0	0	0	0	0	0	0	3.31956E-11	3.31956E-11	3.31956E-05
578605.014141376.4	578605.01	4141376	1.27754E-05	0	0	0	0	0	0	0	3.62431E-11	3.62431E-11	3.62431E-05
578625.014141376.4	578625.01	4141376	1.40163E-05	0	0	0	0	0	0	0	3.97635E-11	3.97635E-11	3.97635E-05
578645.014141376.4	578645.01	4141376	1.55243E-05	0	0	0	0	0	0	0	4.40415E-11	4.40415E-11	4.40415E-05
578665.014141376.4	578665.01	4141376	1.73927E-05	0	0	0	0	0	0	0	4.93419E-11	4.93419E-11	4.93419E-05
578685.014141376.4	578685.01	4141376	1.98102E-05	0	0	0	0	0	0	0	5.62004E-11	5.62004E-11	5.62004E-05
579005.014141376.4	579005.01	4141376	0.000189664	0	0	0	0	0	0	0	5.38065E-10	5.38065E-10	0.000538065
579025.014141376.4	579025.01	4141376	0.000195694	0	0	0	0	0	0	0	5.55174E-10	5.55174E-10	0.000555174
579045.014141376.4	579045.01	4141376	0.000204447	0	0	0	0	0	0	0	5.80004E-10	5.80004E-10	0.000580004
579065.014141376.4	579065.01	4141376	0.000216207	0	0	0	0	0	0	0	6.13368E-10	6.13368E-10	0.000613368
579085.014141376.4	579085.01	4141376	0.000230624	0	0	0	0	0	0	0	6.54268E-10	6.54268E-10	0.000654268
579105.014141376.4	579105.01	4141376	0.000246988	0	0	0	0	0	0	0	7.0069E-10	7.0069E-10	0.00070069
579125.014141376.4	579125.01	4141376	0.000266173	0	0	0	0	0	0	0	7.55116E-10	7.55116E-10	0.000755116
579145.014141376.4	579145.01	4141376	0.000288655	0	0	0	0	0	0	0	8.18898E-10	8.18898E-10	0.000818898
579165.014141376.4	579165.01	4141376	0.000315162	0	0	0	0	0	0	0	8.94096E-10	8.94096E-10	0.000894096
579185.014141376.4	579185.01	4141376	0.000346363	0	0	0	0	0	0	0	9.82612E-10	9.82612E-10	0.000982612
579205.014141376.4	579205.01	4141376	0.000383339	0	0	0	0	0	0	0	1.08751E-09	1.08751E-09	0.001087511
579225.014141376.4	579225.01	4141376	0.000428021	0	0	0	0	0	0	0	1.21427E-09	1.21427E-09	0.001214269
579245.014141376.4	579245.01	4141376	0.000481717	0	0	0	0	0	0	0	1.3666E-09	1.3666E-09	0.001366601
579265.014141376.4	579265.01	4141376	0.000544035	0	0	0	0	0	0	0	1.54339E-09	1.54339E-09	0.001543394
579285.014141376.4	579285.01	4141376	0.000620802	0	0	0	0	0	0	0	1.76118E-09	1.76118E-09	0.001761177
579305.014141376.4	579305.01	4141376	0.000716829	0	0	0	0	0	0	0	2.0336E-09	2.0336E-09	0.0020336
578385.014141396.4	578385.01	4141396	6.19345E-06	0	0	0	0	0	0	0	1.75704E-11	1.75704E-11	1.75704E-05
578405.014141396.4	578405.01	4141396	6.51873E-06	0	0	0	0	0	0	0	1.84933E-11	1.84933E-11	1.84933E-05
578425.014141396.4	578425.01	4141396	6.64624E-06	0	0	0	0	0	0	0	1.8855E-11	1.8855E-11	1.8855E-05
578445.014141396.4	578445.01	4141396	7.27472E-06	0	0	0	0	0	0	0	2.06379E-11	2.06379E-11	2.06379E-05
578465.014141396.4	578465.01	4141396	7.79778E-06	0	0	0	0	0	0	0	2.21218E-11	2.21218E-11	2.21218E-05
578485.014141396.4	578485.01	4141396	8.31281E-06	0	0	0	0	0	0	0	2.3583E-11	2.3583E-11	2.3583E-05
578505.014141396.4	578505.01	4141396	8.7907E-06	0	0	0	0	0	0	0	2.49387E-11	2.49387E-11	2.49387E-05

578525.014141396.4	578525.01	4141396	9.60491E-06	0	0	0	0	0	0	0	2.72486E-11	2.72486E-11	2.72486E-05
578545.014141396.4	578545.01	4141396	1.01471E-05	0	0	0	0	0	0	0	2.87866E-11	2.87866E-11	2.87866E-05
578565.014141396.4	578565.01	4141396	1.09522E-05	0	0	0	0	0	0	0	3.10708E-11	3.10708E-11	3.10708E-05
578585.014141396.4	578585.01	4141396	1.19361E-05	0	0	0	0	0	0	0	3.38621E-11	3.38621E-11	3.38621E-05
578605.014141396.4	578605.01	4141396	1.30877E-05	0	0	0	0	0	0	0	3.71289E-11	3.71289E-11	3.71289E-05
578625.014141396.4	578625.01	4141396	1.44631E-05	0	0	0	0	0	0	0	4.10309E-11	4.10309E-11	4.10309E-05
578645.014141396.4	578645.01	4141396	1.60594E-05	0	0	0	0	0	0	0	4.55595E-11	4.55595E-11	4.55595E-05
578665.014141396.4	578665.01	4141396	1.7996E-05	0	0	0	0	0	0	0	5.10537E-11	5.10537E-11	5.10537E-05
579005.014141396.4	579005.01	4141396	0.00020925	0	0	0	0	0	0	0	5.9363E-10	5.9363E-10	0.00059363
579025.014141396.4	579025.01	4141396	0.000216095	0	0	0	0	0	0	0	6.13049E-10	6.13049E-10	0.000613049
579045.014141396.4	579045.01	4141396	0.000226499	0	0	0	0	0	0	0	6.42564E-10	6.42564E-10	0.000642564
579065.014141396.4	579065.01	4141396	0.000240534	0	0	0	0	0	0	0	6.82382E-10	6.82382E-10	0.000682382
579085.014141396.4	579085.01	4141396	0.000257977	0	0	0	0	0	0	0	7.31866E-10	7.31866E-10	0.000731866
579105.014141396.4	579105.01	4141396	0.000278498	0	0	0	0	0	0	0	7.90083E-10	7.90083E-10	0.000790083
579125.014141396.4	579125.01	4141396	0.000303174	0	0	0	0	0	0	0	8.60086E-10	8.60086E-10	0.000860086
579145.014141396.4	579145.01	4141396	0.000331872	0	0	0	0	0	0	0	9.41501E-10	9.41501E-10	0.000941501
579165.014141396.4	579165.01	4141396	0.000365351	0	0	0	0	0	0	0	1.03648E-09	1.03648E-09	0.00103648
579185.014141396.4	579185.01	4141396	0.000405705	0	0	0	0	0	0	0	1.15096E-09	1.15096E-09	0.001150962
579205.014141396.4	579205.01	4141396	0.000455468	0	0	0	0	0	0	0	1.29214E-09	1.29214E-09	0.001292136
579225.014141396.4	579225.01	4141396	0.00051568	0	0	0	0	0	0	0	1.46295E-09	1.46295E-09	0.001462952
579245.014141396.4	579245.01	4141396	0.000589123	0	0	0	0	0	0	0	1.67131E-09	1.67131E-09	0.001671309
579265.014141396.4	579265.01	4141396	0.000678276	0	0	0	0	0	0	0	1.92423E-09	1.92423E-09	0.00192423
579285.014141396.4	579285.01	4141396	0.000791007	0	0	0	0	0	0	0	2.24404E-09	2.24404E-09	0.002244041
579305.014141396.4	579305.01	4141396	0.000937437	0	0	0	0	0	0	0	2.65945E-09	2.65945E-09	0.002659455
578385.014141416.4	578385.01	4141416	6.28481E-06	0	0	0	0	0	0	0	1.78296E-11	1.78296E-11	1.78296E-05
578405.014141416.4	578405.01	4141416	6.5619E-06	0	0	0	0	0	0	0	1.86157E-11	1.86157E-11	1.86157E-05
578425.014141416.4	578425.01	4141416	6.99561E-06	0	0	0	0	0	0	0	1.98461E-11	1.98461E-11	1.98461E-05
578445.014141416.4	578445.01	4141416	7.43635E-06	0	0	0	0	0	0	0	2.10965E-11	2.10965E-11	2.10965E-05
578465.014141416.4	578465.01	4141416	7.92227E-06	0	0	0	0	0	0	0	2.2475E-11	2.2475E-11	2.2475E-05
578485.014141416.4	578485.01	4141416	8.50055E-06	0	0	0	0	0	0	0	2.41156E-11	2.41156E-11	2.41156E-05
578505.014141416.4	578505.01	4141416	9.02964E-06	0	0	0	0	0	0	0	2.56166E-11	2.56166E-11	2.56166E-05
578525.014141416.4	578525.01	4141416	9.69828E-06	0	0	0	0	0	0	0	2.75135E-11	2.75135E-11	2.75135E-05
578545.014141416.4	578545.01	4141416	1.04583E-05	0	0	0	0	0	0	0	2.96695E-11	2.96695E-11	2.96695E-05
578565.014141416.4	578565.01	4141416	1.12133E-05	0	0	0	0	0	0	0	3.18114E-11	3.18114E-11	3.18114E-05
578585.014141416.4	578585.01	4141416	1.22112E-05	0	0	0	0	0	0	0	3.46425E-11	3.46425E-11	3.46425E-05
578605.014141416.4	578605.01	4141416	1.33999E-05	0	0	0	0	0	0	0	3.80147E-11	3.80147E-11	3.80147E-05
578625.014141416.4	578625.01	4141416	1.48155E-05	0	0	0	0	0	0	0	4.20306E-11	4.20306E-11	4.20306E-05
578645.014141416.4	578645.01	4141416	1.65031E-05	0	0	0	0	0	0	0	4.68184E-11	4.68184E-11	4.68184E-05
578665.014141416.4	578665.01	4141416	1.86376E-05	0	0	0	0	0	0	0	5.28737E-11	5.28737E-11	5.28737E-05
579025.014141416.4	579025.01	4141416	0.000240142	0	0	0	0	0	0	0	6.81268E-10	6.81268E-10	0.000681268
579045.014141416.4	579045.01	4141416	0.00025313	0	0	0	0	0	0	0	7.18115E-10	7.18115E-10	0.000718115
579065.014141416.4	579065.01	4141416	0.000270504	0	0	0	0	0	0	0	7.67403E-10	7.67403E-10	0.000767403
579085.014141416.4	579085.01	4141416	0.000292882	0	0	0	0	0	0	0	8.30889E-10	8.30889E-10	0.000830889
579105.014141416.4	579105.01	4141416	0.000319097	0	0	0	0	0	0	0	9.05258E-10	9.05258E-10	0.000905258
579125.014141416.4	579125.01	4141416	0.000350601	0	0	0	0	0	0	0	9.94634E-10	9.94634E-10	0.000994634
579145.014141416.4	579145.01	4141416	0.000387237	0	0	0	0	0	0	0	1.09857E-09	1.09857E-09	0.001098567
579165.014141416.4	579165.01	4141416	0.000431167	0	0	0	0	0	0	0	1.2232E-09	1.2232E-09	0.001223195
579185.014141416.4	579185.01	4141416	0.000485048	0	0	0	0	0	0	0	1.37605E-09	1.37605E-09	0.001376052
579205.014141416.4	579205.01	4141416	0.000552045	0	0	0	0	0	0	0	1.56612E-09	1.56612E-09	0.001566119
579225.014141416.4	579225.01	4141416	0.000637792	0	0	0	0	0	0	0	1.80938E-09	1.80938E-09	0.001809377
579245.014141416.4	579245.01	4141416	0.000744534	0	0	0	0	0	0	0	2.1122E-09	2.1122E-09	0.002112199
579265.014141416.4	579265.01	4141416	0.00088138	0	0	0	0	0	0	0	2.50042E-09	2.50042E-09	0.002500423
579285.014141416.4	579285.01	4141416	0.001049161	0	0	0	0	0	0	0	2.97641E-09	2.97641E-09	0.002976409
579305.014141416.4	579305.01	4141416	0.001295936	0	0	0	0	0	0	0	3.67649E-09	3.67649E-09	0.003676493
578385.014141436.4	578385.01	4141436	6.38018E-06	0	0	0	0	0	0	0	1.81002E-11	1.81002E-11	1.81002E-05
578405.014141436.4	578405.01	4141436	6.73057E-06	0	0	0	0	0	0	0	1.90942E-11	1.90942E-11	1.90942E-05
578425.014141436.4	578425.01	4141436	7.13617E-06	0	0	0	0	0	0	0	2.02449E-11	2.02449E-11	2.02449E-05
578445.014141436.4	578445.01	4141436	7.63313E-06	0	0	0	0	0	0	0	2.16547E-11	2.16547E-11	2.16547E-05
578465.014141436.4	578465.01	4141436	8.15218E-06	0	0	0	0	0	0	0	2.31273E-11	2.31273E-11	2.31273E-05
578485.014141436.4	578485.01	4141436	8.72845E-06	0	0	0	0	0	0	0	2.47621E-11	2.47621E-11	2.47621E-05
578505.014141436.4	578505.01	4141436	9.24148E-06	0	0	0	0	0	0	0	2.62175E-11	2.62175E-11	2.62175E-05

578525.014141436.4:	578525.01	4141436	9.98642E-06	0	0	0	0	0	0	0	2.83309E-11	2.83309E-11	2.83309E-05
578545.014141436.4:	578545.01	4141436	1.07243E-05	0	0	0	0	0	0	0	3.04243E-11	3.04243E-11	3.04243E-05
578565.014141436.4:	578565.01	4141436	1.15225E-05	0	0	0	0	0	0	0	3.26886E-11	3.26886E-11	3.26886E-05
578585.014141436.4:	578585.01	4141436	1.25927E-05	0	0	0	0	0	0	0	3.57248E-11	3.57248E-11	3.57248E-05
578605.014141436.4:	578605.01	4141436	1.38045E-05	0	0	0	0	0	0	0	3.91625E-11	3.91625E-11	3.91625E-05
578625.014141436.4:	578625.01	4141436	1.52693E-05	0	0	0	0	0	0	0	4.3318E-11	4.3318E-11	4.3318E-05
578645.014141436.4:	578645.01	4141436	1.70172E-05	0	0	0	0	0	0	0	4.82767E-11	4.82767E-11	4.82767E-05
579025.014141436.4:	579025.01	4141436	0.000268962	0	0	0	0	0	0	0	7.63028E-10	7.63028E-10	0.000763028
579045.014141436.4:	579045.01	4141436	0.000286325	0	0	0	0	0	0	0	8.12288E-10	8.12288E-10	0.000812288
579065.014141436.4:	579065.01	4141436	0.00030912	0	0	0	0	0	0	0	8.76956E-10	8.76956E-10	0.000876956
579085.014141436.4:	579085.01	4141436	0.000337959	0	0	0	0	0	0	0	9.5877E-10	9.5877E-10	0.00095877
579105.014141436.4:	579105.01	4141436	0.000371726	0	0	0	0	0	0	0	1.05457E-09	1.05457E-09	0.001054566
579125.014141436.4:	579125.01	4141436	0.000412453	0	0	0	0	0	0	0	1.17011E-09	1.17011E-09	0.001170105
579145.014141436.4:	579145.01	4141436	0.00046142	0	0	0	0	0	0	0	1.30902E-09	1.30902E-09	0.001309022
579165.014141436.4:	579165.01	4141436	0.000520852	0	0	0	0	0	0	0	1.47763E-09	1.47763E-09	0.001477626
579185.014141436.4:	579185.01	4141436	0.000595846	0	0	0	0	0	0	0	1.69038E-09	1.69038E-09	0.00169038
579205.014141436.4:	579205.01	4141436	0.000693114	0	0	0	0	0	0	0	1.96632E-09	1.96632E-09	0.001966323
579225.014141436.4:	579225.01	4141436	0.000821851	0	0	0	0	0	0	0	2.33154E-09	2.33154E-09	0.002331543
579245.014141436.4:	579245.01	4141436	0.000991947	0	0	0	0	0	0	0	2.81409E-09	2.81409E-09	0.002814094
579265.014141436.4:	579265.01	4141436	0.001208963	0	0	0	0	0	0	0	3.42976E-09	3.42976E-09	0.003429757
579285.014141436.4:	579285.01	4141436	0.001123367	0	0	0	0	0	0	0	3.18693E-09	3.18693E-09	0.003186927
579305.014141436.4:	579305.01	4141436	0.000723695	0	0	0	0	0	0	0	2.05308E-09	2.05308E-09	0.002053079
579325.014141436.4:	579325.01	4141436	0.000877169	0	0	0	0	0	0	0	2.48848E-09	2.48848E-09	0.002488475
578385.014141456.4:	578385.01	4141456	6.53178E-06	0	0	0	0	0	0	0	1.85303E-11	1.85303E-11	1.85303E-05
578405.014141456.4:	578405.01	4141456	6.87514E-06	0	0	0	0	0	0	0	1.95044E-11	1.95044E-11	1.95044E-05
578425.014141456.4:	578425.01	4141456	7.27371E-06	0	0	0	0	0	0	0	2.06351E-11	2.06351E-11	2.06351E-05
578445.014141456.4:	578445.01	4141456	7.76063E-06	0	0	0	0	0	0	0	2.20165E-11	2.20165E-11	2.20165E-05
578465.014141456.4:	578465.01	4141456	8.29374E-06	0	0	0	0	0	0	0	2.35288E-11	2.35288E-11	2.35288E-05
578485.014141456.4:	578485.01	4141456	8.91318E-06	0	0	0	0	0	0	0	2.52862E-11	2.52862E-11	2.52862E-05
578505.014141456.4:	578505.01	4141456	9.44328E-06	0	0	0	0	0	0	0	2.679E-11	2.679E-11	2.679E-05
578525.014141456.4:	578525.01	4141456	1.02966E-05	0	0	0	0	0	0	0	2.9211E-11	2.9211E-11	2.9211E-05
578545.014141456.4:	578545.01	4141456	1.09703E-05	0	0	0	0	0	0	0	3.11221E-11	3.11221E-11	3.11221E-05
578565.014141456.4:	578565.01	4141456	1.19381E-05	0	0	0	0	0	0	0	3.38678E-11	3.38678E-11	3.38678E-05
578585.014141456.4:	578585.01	4141456	1.30666E-05	0	0	0	0	0	0	0	3.70691E-11	3.70691E-11	3.70691E-05
578605.014141456.4:	578605.01	4141456	1.42924E-05	0	0	0	0	0	0	0	4.05467E-11	4.05467E-11	4.05467E-05
578625.014141456.4:	578625.01	4141456	1.57783E-05	0	0	0	0	0	0	0	4.47621E-11	4.47621E-11	4.47621E-05
578645.014141456.4:	578645.01	4141456	1.76306E-05	0	0	0	0	0	0	0	5.0017E-11	5.0017E-11	5.0017E-05
579045.014141456.4:	579045.01	4141456	0.000328158	0	0	0	0	0	0	0	9.30966E-10	9.30966E-10	0.000930966
579065.014141456.4:	579065.01	4141456	0.000359141	0	0	0	0	0	0	0	1.01886E-09	1.01886E-09	0.001018861
579085.014141456.4:	579085.01	4141456	0.000395973	0	0	0	0	0	0	0	1.12335E-09	1.12335E-09	0.001123352
579105.014141456.4:	579105.01	4141456	0.000440596	0	0	0	0	0	0	0	1.24995E-09	1.24995E-09	0.001249945
579125.014141456.4:	579125.01	4141456	0.000495552	0	0	0	0	0	0	0	1.40585E-09	1.40585E-09	0.001405852
579145.014141456.4:	579145.01	4141456	0.000563813	0	0	0	0	0	0	0	1.5995E-09	1.5995E-09	0.001599503
579165.014141456.4:	579165.01	4141456	0.000648534	0	0	0	0	0	0	0	1.83985E-09	1.83985E-09	0.001839853
579185.014141456.4:	579185.01	4141456	0.000760524	0	0	0	0	0	0	0	2.15756E-09	2.15756E-09	0.002157562
579205.014141456.4:	579205.01	4141456	0.000912097	0	0	0	0	0	0	0	2.58757E-09	2.58757E-09	0.002587566
579225.014141456.4:	579225.01	4141456	0.001125124	0	0	0	0	0	0	0	3.19191E-09	3.19191E-09	0.003191911
579245.014141456.4:	579245.01	4141456	0.000975836	0	0	0	0	0	0	0	2.76839E-09	2.76839E-09	0.002768389
579265.014141456.4:	579265.01	4141456	0.001193159	0	0	0	0	0	0	0	3.38492E-09	3.38492E-09	0.003384921
578385.014141476.4:	578385.01	4141476	6.67133E-06	0	0	0	0	0	0	0	1.89262E-11	1.89262E-11	1.89262E-05
578405.014141476.4:	578405.01	4141476	7.04581E-06	0	0	0	0	0	0	0	1.99886E-11	1.99886E-11	1.99886E-05
578425.014141476.4:	578425.01	4141476	7.44539E-06	0	0	0	0	0	0	0	2.11221E-11	2.11221E-11	2.11221E-05
578445.014141476.4:	578445.01	4141476	7.88111E-06	0	0	0	0	0	0	0	2.23582E-11	2.23582E-11	2.23582E-05
578465.014141476.4:	578465.01	4141476	8.41723E-06	0	0	0	0	0	0	0	2.38792E-11	2.38792E-11	2.38792E-05
578485.014141476.4:	578485.01	4141476	9.0949E-06	0	0	0	0	0	0	0	2.58017E-11	2.58017E-11	2.58017E-05
578505.014141476.4:	578505.01	4141476	9.69929E-06	0	0	0	0	0	0	0	2.75163E-11	2.75163E-11	2.75163E-05
578525.014141476.4:	578525.01	4141476	1.0648E-05	0	0	0	0	0	0	0	3.02078E-11	3.02078E-11	3.02078E-05
578545.014141476.4:	578545.01	4141476	1.12394E-05	0	0	0	0	0	0	0	3.18854E-11	3.18854E-11	3.18854E-05
578565.014141476.4:	578565.01	4141476	1.22283E-05	0	0	0	0	0	0	0	3.46909E-11	3.46909E-11	3.46909E-05
578585.014141476.4:	578585.01	4141476	1.33808E-05	0	0	0	0	0	0	0	3.79606E-11	3.79606E-11	3.79606E-05
578605.014141476.4:	578605.01	4141476	1.47472E-05	0	0	0	0	0	0	0	4.1837E-11	4.1837E-11	4.1837E-05

578625.014141476.4:	578625.01	4141476	1.63606E-05	0	0	0	0	0	0	0	4.6414E-11	4.6414E-11	4.6414E-05
578645.014141476.4:	578645.01	4141476	1.83665E-05	0	0	0	0	0	0	0	5.21047E-11	5.21047E-11	5.21047E-05
579065.014141476.4:	579065.01	4141476	0.000423481	0	0	0	0	0	0	0	1.20139E-09	1.20139E-09	0.00120139
579085.014141476.4:	579085.01	4141476	0.000474714	0	0	0	0	0	0	0	1.34674E-09	1.34674E-09	0.001346735
579105.014141476.4:	579105.01	4141476	0.000535473	0	0	0	0	0	0	0	1.5191E-09	1.5191E-09	0.001519104
579125.014141476.4:	579125.01	4141476	0.000610893	0	0	0	0	0	0	0	1.73307E-09	1.73307E-09	0.001733069
579145.014141476.4:	579145.01	4141476	0.000709821	0	0	0	0	0	0	0	2.01372E-09	2.01372E-09	0.00201372
579165.014141476.4:	579165.01	4141476	0.00084316	0	0	0	0	0	0	0	2.392E-09	2.392E-09	0.002391996
579185.014141476.4:	579185.01	4141476	0.001016449	0	0	0	0	0	0	0	2.88361E-09	2.88361E-09	0.002883607
579205.014141476.4:	579205.01	4141476	0.00126871	0	0	0	0	0	0	0	3.59926E-09	3.59926E-09	0.003599255
579225.014141476.4:	579225.01	4141476	0.001027909	0	0	0	0	0	0	0	2.91612E-09	2.91612E-09	0.002916116
578385.014141496.4:	578385.01	4141496	6.80285E-06	0	0	0	0	0	0	0	1.92993E-11	1.92993E-11	1.92993E-05
578405.014141496.4:	578405.01	4141496	7.20544E-06	0	0	0	0	0	0	0	2.04414E-11	2.04414E-11	2.04414E-05
578425.014141496.4:	578425.01	4141496	7.61707E-06	0	0	0	0	0	0	0	2.16092E-11	2.16092E-11	2.16092E-05
578445.014141496.4:	578445.01	4141496	8.05982E-06	0	0	0	0	0	0	0	2.28652E-11	2.28652E-11	2.28652E-05
578465.014141496.4:	578465.01	4141496	8.60697E-06	0	0	0	0	0	0	0	2.44175E-11	2.44175E-11	2.44175E-05
578485.014141496.4:	578485.01	4141496	9.27059E-06	0	0	0	0	0	0	0	2.63001E-11	2.63001E-11	2.63001E-05
578505.014141496.4:	578505.01	4141496	9.90108E-06	0	0	0	0	0	0	0	2.80888E-11	2.80888E-11	2.80888E-05
578525.014141496.4:	578525.01	4141496	1.0902E-05	0	0	0	0	0	0	0	3.09284E-11	3.09284E-11	3.09284E-05
578545.014141496.4:	578545.01	4141496	1.15385E-05	0	0	0	0	0	0	0	3.27342E-11	3.27342E-11	3.27342E-05
578565.014141496.4:	578565.01	4141496	1.25124E-05	0	0	0	0	0	0	0	3.54969E-11	3.54969E-11	3.54969E-05
578585.014141496.4:	578585.01	4141496	1.37051E-05	0	0	0	0	0	0	0	3.88806E-11	3.88806E-11	3.88806E-05
578605.014141496.4:	578605.01	4141496	1.50916E-05	0	0	0	0	0	0	0	4.28139E-11	4.28139E-11	4.28139E-05
578625.014141496.4:	578625.01	4141496	1.67652E-05	0	0	0	0	0	0	0	4.75618E-11	4.75618E-11	4.75618E-05
578645.014141496.4:	578645.01	4141496	1.89799E-05	0	0	0	0	0	0	0	5.38449E-11	5.38449E-11	5.38449E-05
579085.014141496.4:	579085.01	4141496	0.000584827	0	0	0	0	0	0	0	1.65912E-09	1.65912E-09	0.001659118
579105.014141496.4:	579105.01	4141496	0.000674258	0	0	0	0	0	0	0	1.91283E-09	1.91283E-09	0.001912829
579125.014141496.4:	579125.01	4141496	0.000784472	0	0	0	0	0	0	0	2.2255E-09	2.2255E-09	0.0022255
579145.014141496.4:	579145.01	4141496	0.000935212	0	0	0	0	0	0	0	2.65314E-09	2.65314E-09	0.00265314
579165.014141496.4:	579165.01	4141496	0.001153103	0	0	0	0	0	0	0	3.27128E-09	3.27128E-09	0.003271284
579185.014141496.4:	579185.01	4141496	0.001248451	0	0	0	0	0	0	0	3.54178E-09	3.54178E-09	0.003541782
579205.014141496.4:	579205.01	4141496	0.000886573	0	0	0	0	0	0	0	2.51515E-09	2.51515E-09	0.002515154
578385.014141516.4:	578385.01	4141516	6.839E-06	0	0	0	0	0	0	0	1.94018E-11	1.94018E-11	1.94018E-05
578405.014141516.4:	578405.01	4141516	7.29178E-06	0	0	0	0	0	0	0	2.06864E-11	2.06864E-11	2.06864E-05
578425.014141516.4:	578425.01	4141516	7.78975E-06	0	0	0	0	0	0	0	2.20991E-11	2.20991E-11	2.20991E-05
578445.014141516.4:	578445.01	4141516	8.22346E-06	0	0	0	0	0	0	0	2.33295E-11	2.33295E-11	2.33295E-05
578465.014141516.4:	578465.01	4141516	8.77363E-06	0	0	0	0	0	0	0	2.48903E-11	2.48903E-11	2.48903E-05
578485.014141516.4:	578485.01	4141516	9.47038E-06	0	0	0	0	0	0	0	2.68669E-11	2.68669E-11	2.68669E-05
578505.014141516.4:	578505.01	4141516	1.01049E-05	0	0	0	0	0	0	0	2.8667E-11	2.8667E-11	2.8667E-05
578525.014141516.4:	578525.01	4141516	1.11239E-05	0	0	0	0	0	0	0	3.15579E-11	3.15579E-11	3.15579E-05
578545.014141516.4:	578545.01	4141516	1.18116E-05	0	0	0	0	0	0	0	3.35089E-11	3.35089E-11	3.35089E-05
578565.014141516.4:	578565.01	4141516	1.28989E-05	0	0	0	0	0	0	0	3.65935E-11	3.65935E-11	3.65935E-05
578585.014141516.4:	578585.01	4141516	1.40846E-05	0	0	0	0	0	0	0	3.99572E-11	3.99572E-11	3.99572E-05
578605.014141516.4:	578605.01	4141516	1.55112E-05	0	0	0	0	0	0	0	4.40044E-11	4.40044E-11	4.40044E-05
578625.014141516.4:	578625.01	4141516	1.73174E-05	0	0	0	0	0	0	0	4.91283E-11	4.91283E-11	4.91283E-05
578645.014141516.4:	578645.01	4141516	1.96094E-05	0	0	0	0	0	0	0	5.56307E-11	5.56307E-11	5.56307E-05
579085.014141516.4:	579085.01	4141516	0.000745803	0	0	0	0	0	0	0	2.1158E-09	2.1158E-09	0.002115799
579105.014141516.4:	579105.01	4141516	0.000887434	0	0	0	0	0	0	0	2.5176E-09	2.5176E-09	0.002517598
579125.014141516.4:	579125.01	4141516	0.001066117	0	0	0	0	0	0	0	3.02451E-09	3.02451E-09	0.003024512
579145.014141516.4:	579145.01	4141516	0.001315031	0	0	0	0	0	0	0	3.73066E-09	3.73066E-09	0.003730665
579165.014141516.4:	579165.01	4141516	0.000735831	0	0	0	0	0	0	0	2.08751E-09	2.08751E-09	0.002087508
578385.014141536.4:	578385.01	4141536	6.92032E-06	0	0	0	0	0	0	0	1.96325E-11	1.96325E-11	1.96325E-05
578405.014141536.4:	578405.01	4141536	7.34098E-06	0	0	0	0	0	0	0	2.08259E-11	2.08259E-11	2.08259E-05
578425.014141536.4:	578425.01	4141536	7.81886E-06	0	0	0	0	0	0	0	2.21817E-11	2.21817E-11	2.21817E-05
578445.014141536.4:	578445.01	4141536	8.39815E-06	0	0	0	0	0	0	0	2.38251E-11	2.38251E-11	2.38251E-05
578465.014141536.4:	578465.01	4141536	8.96439E-06	0	0	0	0	0	0	0	2.54314E-11	2.54314E-11	2.54314E-05
578485.014141536.4:	578485.01	4141536	9.63604E-06	0	0	0	0	0	0	0	2.73369E-11	2.73369E-11	2.73369E-05
578505.014141536.4:	578505.01	4141536	1.03047E-05	0	0	0	0	0	0	0	2.92338E-11	2.92338E-11	2.92338E-05
578525.014141536.4:	578525.01	4141536	1.13458E-05	0	0	0	0	0	0	0	3.21873E-11	3.21873E-11	3.21873E-05
578545.014141536.4:	578545.01	4141536	1.20706E-05	0	0	0	0	0	0	0	3.42437E-11	3.42437E-11	3.42437E-05
578565.014141536.4:	578565.01	4141536	1.32383E-05	0	0	0	0	0	0	0	3.75562E-11	3.75562E-11	3.75562E-05

578585.014141536.4	578585.01	4141536	1.45253E-05	0	0	0	0	0	0	0	4.12075E-11	4.12075E-11	4.12075E-05
578605.014141536.4	578605.01	4141536	1.60012E-05	0	0	0	0	0	0	0	4.53944E-11	4.53944E-11	4.53944E-05
578625.014141536.4	578625.01	4141536	1.78926E-05	0	0	0	0	0	0	0	5.07603E-11	5.07603E-11	5.07603E-05
578645.014141536.4	578645.01	4141536	2.01837E-05	0	0	0	0	0	0	0	5.72599E-11	5.72599E-11	5.72599E-05
578665.014141536.4	578665.01	4141536	2.30861E-05	0	0	0	0	0	0	0	6.5494E-11	6.5494E-11	6.5494E-05
579105.014141536.4	579105.01	4141536	0.001234289	0	0	0	0	0	0	0	3.50161E-09	3.50161E-09	0.003501605
579125.014141536.4	579125.01	4141536	0.001159671	0	0	0	0	0	0	0	3.28992E-09	3.28992E-09	0.003289917
579185.014141536.4	579185.01	4141536	0.00051236	0	0	0	0	0	0	0	1.45354E-09	1.45354E-09	0.001453536
578385.014141556.4	578385.01	4141556	6.99863E-06	0	0	0	0	0	0	0	1.98547E-11	1.98547E-11	1.98547E-05
578405.014141556.4	578405.01	4141556	7.41226E-06	0	0	0	0	0	0	0	2.10281E-11	2.10281E-11	2.10281E-05
578425.014141556.4	578425.01	4141556	7.87308E-06	0	0	0	0	0	0	0	2.23355E-11	2.23355E-11	2.23355E-05
578445.014141556.4	578445.01	4141556	8.42425E-06	0	0	0	0	0	0	0	2.38991E-11	2.38991E-11	2.38991E-05
578465.014141556.4	578465.01	4141556	9.06779E-06	0	0	0	0	0	0	0	2.57248E-11	2.57248E-11	2.57248E-05
578485.014141556.4	578485.01	4141556	9.73543E-06	0	0	0	0	0	0	0	2.76188E-11	2.76188E-11	2.76188E-05
578505.014141556.4	578505.01	4141556	1.04593E-05	0	0	0	0	0	0	0	2.96724E-11	2.96724E-11	2.96724E-05
578525.014141556.4	578525.01	4141556	1.14693E-05	0	0	0	0	0	0	0	3.25377E-11	3.25377E-11	3.25377E-05
578545.014141556.4	578545.01	4141556	1.22403E-05	0	0	0	0	0	0	0	3.47251E-11	3.47251E-11	3.47251E-05
578565.014141556.4	578565.01	4141556	1.3421E-05	0	0	0	0	0	0	0	3.80745E-11	3.80745E-11	3.80745E-05
578585.014141556.4	578585.01	4141556	1.47904E-05	0	0	0	0	0	0	0	4.19594E-11	4.19594E-11	4.19594E-05
578605.014141556.4	578605.01	4141556	1.64218E-05	0	0	0	0	0	0	0	4.65877E-11	4.65877E-11	4.65877E-05
578625.014141556.4	578625.01	4141556	1.83555E-05	0	0	0	0	0	0	0	5.20733E-11	5.20733E-11	5.20733E-05
578645.014141556.4	578645.01	4141556	2.07338E-05	0	0	0	0	0	0	0	5.88207E-11	5.88207E-11	5.88207E-05
578665.014141556.4	578665.01	4141556	2.37196E-05	0	0	0	0	0	0	0	6.72912E-11	6.72912E-11	6.72912E-05
578685.014141556.4	578685.01	4141556	2.75969E-05	0	0	0	0	0	0	0	7.82909E-11	7.82909E-11	7.82909E-05
579165.014141556.4	579165.01	4141556	0.000464523	0	0	0	0	0	0	0	1.31782E-09	1.31782E-09	0.001317823
579185.014141556.4	579185.01	4141556	0.000516131	0	0	0	0	0	0	0	1.46423E-09	1.46423E-09	0.001464234
579205.014141556.4	579205.01	4141556	0.000482293	0	0	0	0	0	0	0	1.36824E-09	1.36824E-09	0.001368236
578385.014141576.4	578385.01	4141576	7.13215E-06	0	0	0	0	0	0	0	2.02335E-11	2.02335E-11	2.02335E-05
578405.014141576.4	578405.01	4141576	7.50462E-06	0	0	0	0	0	0	0	2.12902E-11	2.12902E-11	2.12902E-05
578425.014141576.4	578425.01	4141576	7.96143E-06	0	0	0	0	0	0	0	2.25861E-11	2.25861E-11	2.25861E-05
578445.014141576.4	578445.01	4141576	8.50256E-06	0	0	0	0	0	0	0	2.41213E-11	2.41213E-11	2.41213E-05
578465.014141576.4	578465.01	4141576	9.07281E-06	0	0	0	0	0	0	0	2.5739E-11	2.5739E-11	2.5739E-05
578485.014141576.4	578485.01	4141576	9.7525E-06	0	0	0	0	0	0	0	2.76673E-11	2.76673E-11	2.76673E-05
578505.014141576.4	578505.01	4141576	1.05798E-05	0	0	0	0	0	0	0	3.00142E-11	3.00142E-11	3.00142E-05
578525.014141576.4	578525.01	4141576	1.15998E-05	0	0	0	0	0	0	0	3.29079E-11	3.29079E-11	3.29079E-05
578545.014141576.4	578545.01	4141576	1.24983E-05	0	0	0	0	0	0	0	3.5457E-11	3.5457E-11	3.5457E-05
578565.014141576.4	578565.01	4141576	1.36669E-05	0	0	0	0	0	0	0	3.87723E-11	3.87723E-11	3.87723E-05
578585.014141576.4	578585.01	4141576	1.50434E-05	0	0	0	0	0	0	0	4.26772E-11	4.26772E-11	4.26772E-05
578605.014141576.4	578605.01	4141576	1.66959E-05	0	0	0	0	0	0	0	4.73653E-11	4.73653E-11	4.73653E-05
578625.014141576.4	578625.01	4141576	1.87329E-05	0	0	0	0	0	0	0	5.31443E-11	5.31443E-11	5.31443E-05
578645.014141576.4	578645.01	4141576	2.13131E-05	0	0	0	0	0	0	0	6.04641E-11	6.04641E-11	6.04641E-05
578665.014141576.4	578665.01	4141576	2.44495E-05	0	0	0	0	0	0	0	6.93618E-11	6.93618E-11	6.93618E-05
578685.014141576.4	578685.01	4141576	2.84864E-05	0	0	0	0	0	0	0	8.08144E-11	8.08144E-11	8.08144E-05
578705.014141576.4	578705.01	4141576	3.39641E-05	0	0	0	0	0	0	0	9.63541E-11	9.63541E-11	9.63541E-05
579145.014141576.4	579145.01	4141576	0.000564027	0	0	0	0	0	0	0	1.60011E-09	1.60011E-09	0.001600112
579165.014141576.4	579165.01	4141576	0.000529303	0	0	0	0	0	0	0	1.5016E-09	1.5016E-09	0.001501602
579185.014141576.4	579185.01	4141576	0.000410428	0	0	0	0	0	0	0	1.16436E-09	1.16436E-09	0.00116436
579205.014141576.4	579205.01	4141576	0.000333833	0	0	0	0	0	0	0	9.47064E-10	9.47064E-10	0.000947064
579225.014141576.4	579225.01	4141576	0.000284534	0	0	0	0	0	0	0	8.07207E-10	8.07207E-10	0.000807207
579245.014141576.4	579245.01	4141576	0.000252727	0	0	0	0	0	0	0	7.1697E-10	7.1697E-10	0.00071697
579265.014141576.4	579265.01	4141576	0.000239509	0	0	0	0	0	0	0	6.79474E-10	6.79474E-10	0.000679474
578385.014141596.4	578385.01	4141596	7.21147E-06	0	0	0	0	0	0	0	2.04585E-11	2.04585E-11	2.04585E-05
578405.014141596.4	578405.01	4141596	7.64819E-06	0	0	0	0	0	0	0	2.16975E-11	2.16975E-11	2.16975E-05
578425.014141596.4	578425.01	4141596	8.09495E-06	0	0	0	0	0	0	0	2.29649E-11	2.29649E-11	2.29649E-05
578445.014141596.4	578445.01	4141596	8.63207E-06	0	0	0	0	0	0	0	2.44887E-11	2.44887E-11	2.44887E-05
578465.014141596.4	578465.01	4141596	9.21538E-06	0	0	0	0	0	0	0	2.61435E-11	2.61435E-11	2.61435E-05
578485.014141596.4	578485.01	4141596	9.879E-06	0	0	0	0	0	0	0	2.80261E-11	2.80261E-11	2.80261E-05
578505.014141596.4	578505.01	4141596	1.07484E-05	0	0	0	0	0	0	0	3.04927E-11	3.04927E-11	3.04927E-05
578525.014141596.4	578525.01	4141596	1.17243E-05	0	0	0	0	0	0	0	3.32611E-11	3.32611E-11	3.32611E-05
578545.014141596.4	578545.01	4141596	1.26881E-05	0	0	0	0	0	0	0	3.59953E-11	3.59953E-11	3.59953E-05
578565.014141596.4	578565.01	4141596	1.39461E-05	0	0	0	0	0	0	0	3.95641E-11	3.95641E-11	3.95641E-05

578585.014141596.4:	578585.01	4141596	1.53687E-05	0	0	0	0	0	0	0	4.36E-11	4.36E-11	4.36E-05
578605.014141596.4:	578605.01	4141596	1.70292E-05	0	0	0	0	0	0	0	4.83109E-11	4.83109E-11	4.83109E-05
578625.014141596.4:	578625.01	4141596	1.91064E-05	0	0	0	0	0	0	0	5.42038E-11	5.42038E-11	5.42038E-05
578645.014141596.4:	578645.01	4141596	2.17448E-05	0	0	0	0	0	0	0	6.16888E-11	6.16888E-11	6.16888E-05
578665.014141596.4:	578665.01	4141596	2.51262E-05	0	0	0	0	0	0	0	7.12815E-11	7.12815E-11	7.12815E-05
578685.014141596.4:	578685.01	4141596	2.95155E-05	0	0	0	0	0	0	0	8.37338E-11	8.37338E-11	8.37338E-05
578705.014141596.4:	578705.01	4141596	3.52592E-05	0	0	0	0	0	0	0	1.00028E-10	1.00028E-10	0.000100028
578725.014141596.4:	578725.01	4141596	4.37597E-05	0	0	0	0	0	0	0	1.24144E-10	1.24144E-10	0.000124144
578745.014141596.4:	578745.01	4141596	5.70201E-05	0	0	0	0	0	0	0	1.61763E-10	1.61763E-10	0.000161763
579105.014141596.4:	579105.01	4141596	0.000600953	0	0	0	0	0	0	0	1.70487E-09	1.70487E-09	0.001704869
579145.014141596.4:	579145.01	4141596	0.000441761	0	0	0	0	0	0	0	1.25325E-09	1.25325E-09	0.001253249
579165.014141596.4:	579165.01	4141596	0.000352402	0	0	0	0	0	0	0	9.99744E-10	9.99744E-10	0.000999744
579185.014141596.4:	579185.01	4141596	0.000292914	0	0	0	0	0	0	0	8.3098E-10	8.3098E-10	0.00083098
579205.014141596.4:	579205.01	4141596	0.000252705	0	0	0	0	0	0	0	7.16908E-10	7.16908E-10	0.000716908
579225.014141596.4:	579225.01	4141596	0.000225874	0	0	0	0	0	0	0	6.4079E-10	6.4079E-10	0.00064079
579245.014141596.4:	579245.01	4141596	0.000210003	0	0	0	0	0	0	0	5.95766E-10	5.95766E-10	0.000595766
579265.014141596.4:	579265.01	4141596	0.000205935	0	0	0	0	0	0	0	5.84225E-10	5.84225E-10	0.000584225
579285.014141596.4:	579285.01	4141596	0.00020694	0	0	0	0	0	0	0	5.87076E-10	5.87076E-10	0.000587076
579305.014141596.4:	579305.01	4141596	0.000227978	0	0	0	0	0	0	0	6.4676E-10	6.4676E-10	0.00064676
579325.014141596.4:	579325.01	4141596	0.000267578	0	0	0	0	0	0	0	7.59104E-10	7.59104E-10	0.000759104
579345.014141596.4:	579345.01	4141596	0.000351688	0	0	0	0	0	0	0	9.97719E-10	9.97719E-10	0.000997719
578385.014141616.4:	578385.01	4141616	7.24259E-06	0	0	0	0	0	0	0	2.05468E-11	2.05468E-11	2.05468E-05
578405.014141616.4:	578405.01	4141616	7.71244E-06	0	0	0	0	0	0	0	2.18797E-11	2.18797E-11	2.18797E-05
578425.014141616.4:	578425.01	4141616	8.2074E-06	0	0	0	0	0	0	0	2.32839E-11	2.32839E-11	2.32839E-05
578445.014141616.4:	578445.01	4141616	8.75054E-06	0	0	0	0	0	0	0	2.48248E-11	2.48248E-11	2.48248E-05
578465.014141616.4:	578465.01	4141616	9.3479E-06	0	0	0	0	0	0	0	2.65194E-11	2.65194E-11	2.65194E-05
578485.014141616.4:	578485.01	4141616	1.00396E-05	0	0	0	0	0	0	0	2.84818E-11	2.84818E-11	2.84818E-05
578505.014141616.4:	578505.01	4141616	1.08629E-05	0	0	0	0	0	0	0	3.08173E-11	3.08173E-11	3.08173E-05
578525.014141616.4:	578525.01	4141616	1.18899E-05	0	0	0	0	0	0	0	3.3731E-11	3.3731E-11	3.3731E-05
578545.014141616.4:	578545.01	4141616	1.28728E-05	0	0	0	0	0	0	0	3.65194E-11	3.65194E-11	3.65194E-05
578565.014141616.4:	578565.01	4141616	1.41519E-05	0	0	0	0	0	0	0	4.0148E-11	4.0148E-11	4.0148E-05
578585.014141616.4:	578585.01	4141616	1.56227E-05	0	0	0	0	0	0	0	4.43206E-11	4.43206E-11	4.43206E-05
578605.014141616.4:	578605.01	4141616	1.73937E-05	0	0	0	0	0	0	0	4.93448E-11	4.93448E-11	4.93448E-05
578625.014141616.4:	578625.01	4141616	1.95682E-05	0	0	0	0	0	0	0	5.55139E-11	5.55139E-11	5.55139E-05
578645.014141616.4:	578645.01	4141616	2.22338E-05	0	0	0	0	0	0	0	6.30759E-11	6.30759E-11	6.30759E-05
578665.014141616.4:	578665.01	4141616	2.57286E-05	0	0	0	0	0	0	0	7.29904E-11	7.29904E-11	7.29904E-05
578685.014141616.4:	578685.01	4141616	3.04432E-05	0	0	0	0	0	0	0	8.63655E-11	8.63655E-11	8.63655E-05
578705.014141616.4:	578705.01	4141616	3.69037E-05	0	0	0	0	0	0	0	1.04694E-10	1.04694E-10	0.000104694
578725.014141616.4:	578725.01	4141616	4.59183E-05	0	0	0	0	0	0	0	1.30267E-10	1.30267E-10	0.000130267
578745.014141616.4:	578745.01	4141616	5.95671E-05	0	0	0	0	0	0	0	1.68988E-10	1.68988E-10	0.000168988
579065.014141616.4:	579065.01	4141616	0.000461186	0	0	0	0	0	0	0	1.30836E-09	1.30836E-09	0.001308359
579085.014141616.4:	579085.01	4141616	0.000501546	0	0	0	0	0	0	0	1.42286E-09	1.42286E-09	0.001422856
579105.014141616.4:	579105.01	4141616	0.000476786	0	0	0	0	0	0	0	1.35261E-09	1.35261E-09	0.001352614
579125.014141616.4:	579125.01	4141616	0.000376625	0	0	0	0	0	0	0	1.06846E-09	1.06846E-09	0.001068462
579165.014141616.4:	579165.01	4141616	0.000259854	0	0	0	0	0	0	0	7.3719E-10	7.3719E-10	0.00073719
579185.014141616.4:	579185.01	4141616	0.000226991	0	0	0	0	0	0	0	6.4396E-10	6.4396E-10	0.00064396
579205.014141616.4:	579205.01	4141616	0.000203412	0	0	0	0	0	0	0	5.77068E-10	5.77068E-10	0.000577068
579225.014141616.4:	579225.01	4141616	0.000187606	0	0	0	0	0	0	0	5.32226E-10	5.32226E-10	0.000532226
579245.014141616.4:	579245.01	4141616	0.000179696	0	0	0	0	0	0	0	5.09788E-10	5.09788E-10	0.000509788
579265.014141616.4:	579265.01	4141616	0.000179755	0	0	0	0	0	0	0	5.09953E-10	5.09953E-10	0.000509953
579285.014141616.4:	579285.01	4141616	0.000183093	0	0	0	0	0	0	0	5.19423E-10	5.19423E-10	0.000519423
579305.014141616.4:	579305.01	4141616	0.000202698	0	0	0	0	0	0	0	5.75043E-10	5.75043E-10	0.000575043
579325.014141616.4:	579325.01	4141616	0.00023916	0	0	0	0	0	0	0	6.78483E-10	6.78483E-10	0.000678483
579345.014141616.4:	579345.01	4141616	0.000311846	0	0	0	0	0	0	0	8.84689E-10	8.84689E-10	0.000884689
578385.014141636.4:	578385.01	4141636	7.28576E-06	0	0	0	0	0	0	0	2.06693E-11	2.06693E-11	2.06693E-05
578405.014141636.4:	578405.01	4141636	7.75963E-06	0	0	0	0	0	0	0	2.20136E-11	2.20136E-11	2.20136E-05
578425.014141636.4:	578425.01	4141636	8.26061E-06	0	0	0	0	0	0	0	2.34349E-11	2.34349E-11	2.34349E-05
578445.014141636.4:	578445.01	4141636	8.83487E-06	0	0	0	0	0	0	0	2.5064E-11	2.5064E-11	2.5064E-05
578465.014141636.4:	578465.01	4141636	9.47741E-06	0	0	0	0	0	0	0	2.68869E-11	2.68869E-11	2.68869E-05
578485.014141636.4:	578485.01	4141636	1.01521E-05	0	0	0	0	0	0	0	2.88008E-11	2.88008E-11	2.88008E-05
578505.014141636.4:	578505.01	4141636	1.09813E-05	0	0	0	0	0	0	0	3.11534E-11	3.11534E-11	3.11534E-05

578525.014141636.4	578525.01	4141636	1.19552E-05	0	0	0	0	0	0	0	3.39162E-11	3.39162E-11	3.39162E-05
578545.014141636.4	578545.01	4141636	1.30204E-05	0	0	0	0	0	0	0	3.69381E-11	3.69381E-11	3.69381E-05
578565.014141636.4	578565.01	4141636	1.43135E-05	0	0	0	0	0	0	0	4.06066E-11	4.06066E-11	4.06066E-05
578585.014141636.4	578585.01	4141636	1.58837E-05	0	0	0	0	0	0	0	4.50611E-11	4.50611E-11	4.50611E-05
578605.014141636.4	578605.01	4141636	1.774E-05	0	0	0	0	0	0	0	5.03274E-11	5.03274E-11	5.03274E-05
578625.014141636.4	578625.01	4141636	1.99809E-05	0	0	0	0	0	0	0	5.66846E-11	5.66846E-11	5.66846E-05
578645.014141636.4	578645.01	4141636	2.28291E-05	0	0	0	0	0	0	0	6.47648E-11	6.47648E-11	6.47648E-05
578665.014141636.4	578665.01	4141636	2.64825E-05	0	0	0	0	0	0	0	7.51294E-11	7.51294E-11	7.51294E-05
578685.014141636.4	578685.01	4141636	3.14823E-05	0	0	0	0	0	0	0	8.93133E-11	8.93133E-11	8.93133E-05
578705.014141636.4	578705.01	4141636	3.83735E-05	0	0	0	0	0	0	0	1.08863E-10	1.08863E-10	0.000108863
578725.014141636.4	578725.01	4141636	4.76742E-05	0	0	0	0	0	0	0	1.35249E-10	1.35249E-10	0.000135249
579045.014141636.4	579045.01	4141636	0.000543228	0	0	0	0	0	0	0	1.54111E-09	1.54111E-09	0.001541107
579065.014141636.4	579065.01	4141636	0.000516345	0	0	0	0	0	0	0	1.46484E-09	1.46484E-09	0.001464841
579085.014141636.4	579085.01	4141636	0.000399542	0	0	0	0	0	0	0	1.13348E-09	1.13348E-09	0.001133477
579105.014141636.4	579105.01	4141636	0.000323345	0	0	0	0	0	0	0	9.17312E-10	9.17312E-10	0.000917312
579125.014141636.4	579125.01	4141636	0.000269245	0	0	0	0	0	0	0	7.63832E-10	7.63832E-10	0.000763832
579165.014141636.4	579165.01	4141636	0.000204432	0	0	0	0	0	0	0	5.79961E-10	5.79961E-10	0.000579961
579185.014141636.4	579185.01	4141636	0.000182582	0	0	0	0	0	0	0	5.17974E-10	5.17974E-10	0.000517974
579205.014141636.4	579205.01	4141636	0.000168417	0	0	0	0	0	0	0	4.77789E-10	4.77789E-10	0.000477789
579225.014141636.4	579225.01	4141636	0.000159753	0	0	0	0	0	0	0	4.53209E-10	4.53209E-10	0.000453209
579245.014141636.4	579245.01	4141636	0.000156973	0	0	0	0	0	0	0	4.45322E-10	4.45322E-10	0.000445322
579265.014141636.4	579265.01	4141636	0.000158991	0	0	0	0	0	0	0	4.51047E-10	4.51047E-10	0.000451047
579285.014141636.4	579285.01	4141636	0.000166656	0	0	0	0	0	0	0	4.72793E-10	4.72793E-10	0.000472793
579305.014141636.4	579305.01	4141636	0.000184989	0	0	0	0	0	0	0	5.24803E-10	5.24803E-10	0.000524803
579325.014141636.4	579325.01	4141636	0.000216055	0	0	0	0	0	0	0	6.12935E-10	6.12935E-10	0.000612935
579345.014141636.4	579345.01	4141636	0.000270581	0	0	0	0	0	0	0	7.67623E-10	7.67623E-10	0.000767623
578385.014141656.4	578385.01	4141656	7.35704E-06	0	0	0	0	0	0	0	2.08715E-11	2.08715E-11	2.08715E-05
578405.014141656.4	578405.01	4141656	7.81384E-06	0	0	0	0	0	0	0	2.21674E-11	2.21674E-11	2.21674E-05
578425.014141656.4	578425.01	4141656	8.29775E-06	0	0	0	0	0	0	0	2.35402E-11	2.35402E-11	2.35402E-05
578445.014141656.4	578445.01	4141656	8.87503E-06	0	0	0	0	0	0	0	2.51779E-11	2.51779E-11	2.51779E-05
578465.014141656.4	578465.01	4141656	9.56074E-06	0	0	0	0	0	0	0	2.71233E-11	2.71233E-11	2.71233E-05
578485.014141656.4	578485.01	4141656	1.02806E-05	0	0	0	0	0	0	0	2.91654E-11	2.91654E-11	2.91654E-05
578505.014141656.4	578505.01	4141656	1.1154E-05	0	0	0	0	0	0	0	3.16433E-11	3.16433E-11	3.16433E-05
578525.014141656.4	578525.01	4141656	1.20827E-05	0	0	0	0	0	0	0	3.42779E-11	3.42779E-11	3.42779E-05
578545.014141656.4	578545.01	4141656	1.31871E-05	0	0	0	0	0	0	0	3.74109E-11	3.74109E-11	3.74109E-05
578565.014141656.4	578565.01	4141656	1.45123E-05	0	0	0	0	0	0	0	4.11705E-11	4.11705E-11	4.11705E-05
578585.014141656.4	578585.01	4141656	1.61056E-05	0	0	0	0	0	0	0	4.56906E-11	4.56906E-11	4.56906E-05
578605.014141656.4	578605.01	4141656	1.80462E-05	0	0	0	0	0	0	0	5.11961E-11	5.11961E-11	5.11961E-05
578625.014141656.4	578625.01	4141656	2.04929E-05	0	0	0	0	0	0	0	5.81371E-11	5.81371E-11	5.81371E-05
578645.014141656.4	578645.01	4141656	2.34787E-05	0	0	0	0	0	0	0	6.66076E-11	6.66076E-11	6.66076E-05
578665.014141656.4	578665.01	4141656	2.73279E-05	0	0	0	0	0	0	0	7.75276E-11	7.75276E-11	7.75276E-05
578685.014141656.4	578685.01	4141656	3.26981E-05	0	0	0	0	0	0	0	9.27625E-11	9.27625E-11	9.27625E-05
578705.014141656.4	578705.01	4141656	3.94668E-05	0	0	0	0	0	0	0	1.11965E-10	1.11965E-10	0.000111965
578725.014141656.4	578725.01	4141656	4.88488E-05	0	0	0	0	0	0	0	1.38581E-10	1.38581E-10	0.000138581
579005.014141656.4	579005.01	4141656	0.000410329	0	0	0	0	0	0	0	1.16408E-09	1.16408E-09	0.001164078
579025.014141656.4	579025.01	4141656	0.000560136	0	0	0	0	0	0	0	1.58907E-09	1.58907E-09	0.001589073
579045.014141656.4	579045.01	4141656	0.000423263	0	0	0	0	0	0	0	1.20077E-09	1.20077E-09	0.001200771
579065.014141656.4	579065.01	4141656	0.000338371	0	0	0	0	0	0	0	9.59938E-10	9.59938E-10	0.000959938
579085.014141656.4	579085.01	4141656	0.000279758	0	0	0	0	0	0	0	7.93658E-10	7.93658E-10	0.000793658
579105.014141656.4	579105.01	4141656	0.000237808	0	0	0	0	0	0	0	6.74646E-10	6.74646E-10	0.000674646
579125.014141656.4	579125.01	4141656	0.000207034	0	0	0	0	0	0	0	5.87344E-10	5.87344E-10	0.000587344
579145.014141656.4	579145.01	4141656	0.000183448	0	0	0	0	0	0	0	5.20432E-10	5.20432E-10	0.000520432
579185.014141656.4	579185.01	4141656	0.000152331	0	0	0	0	0	0	0	4.32155E-10	4.32155E-10	0.000432155
579205.014141656.4	579205.01	4141656	0.000144039	0	0	0	0	0	0	0	4.08629E-10	4.08629E-10	0.000408629
579225.014141656.4	579225.01	4141656	0.000139812	0	0	0	0	0	0	0	3.96638E-10	3.96638E-10	0.000396638
579245.014141656.4	579245.01	4141656	0.000140374	0	0	0	0	0	0	0	3.98233E-10	3.98233E-10	0.000398233
579265.014141656.4	579265.01	4141656	0.000142895	0	0	0	0	0	0	0	4.05385E-10	4.05385E-10	0.000405385
579285.014141656.4	579285.01	4141656	0.000152269	0	0	0	0	0	0	0	4.31978E-10	4.31978E-10	0.000431978
579305.014141656.4	579305.01	4141656	0.000170403	0	0	0	0	0	0	0	4.83422E-10	4.83422E-10	0.000483422
579325.014141656.4	579325.01	4141656	0.000196504	0	0	0	0	0	0	0	5.57469E-10	5.57469E-10	0.000557469
579345.014141656.4	579345.01	4141656	0.000240682	0	0	0	0	0	0	0	6.82801E-10	6.82801E-10	0.000682801

578385.014141676.4:	578385.01	4141676	7.40724E-06	0	0	0	0	0	0	0	2.10139E-11	2.10139E-11	2.10139E-05
578405.014141676.4:	578405.01	4141676	7.85902E-06	0	0	0	0	0	0	0	2.22956E-11	2.22956E-11	2.22956E-05
578425.014141676.4:	578425.01	4141676	8.32486E-06	0	0	0	0	0	0	0	2.36171E-11	2.36171E-11	2.36171E-05
578445.014141676.4:	578445.01	4141676	8.92423E-06	0	0	0	0	0	0	0	2.53175E-11	2.53175E-11	2.53175E-05
578465.014141676.4:	578465.01	4141676	9.63804E-06	0	0	0	0	0	0	0	2.73426E-11	2.73426E-11	2.73426E-05
578485.014141676.4:	578485.01	4141676	1.0378E-05	0	0	0	0	0	0	0	2.94417E-11	2.94417E-11	2.94417E-05
578505.014141676.4:	578505.01	4141676	1.12825E-05	0	0	0	0	0	0	0	3.20079E-11	3.20079E-11	3.20079E-05
578525.014141676.4:	578525.01	4141676	1.22494E-05	0	0	0	0	0	0	0	3.47507E-11	3.47507E-11	3.47507E-05
578545.014141676.4:	578545.01	4141676	1.33969E-05	0	0	0	0	0	0	0	3.80062E-11	3.80062E-11	3.80062E-05
578565.014141676.4:	578565.01	4141676	1.47643E-05	0	0	0	0	0	0	0	4.18854E-11	4.18854E-11	4.18854E-05
578585.014141676.4:	578585.01	4141676	1.64178E-05	0	0	0	0	0	0	0	4.65763E-11	4.65763E-11	4.65763E-05
578605.014141676.4:	578605.01	4141676	1.84147E-05	0	0	0	0	0	0	0	5.22414E-11	5.22414E-11	5.22414E-05
578625.014141676.4:	578625.01	4141676	2.09356E-05	0	0	0	0	0	0	0	5.93932E-11	5.93932E-11	5.93932E-05
578645.014141676.4:	578645.01	4141676	2.41684E-05	0	0	0	0	0	0	0	6.85643E-11	6.85643E-11	6.85643E-05
578665.014141676.4:	578665.01	4141676	2.82937E-05	0	0	0	0	0	0	0	8.02675E-11	8.02675E-11	8.02675E-05
578685.014141676.4:	578685.01	4141676	3.3443E-05	0	0	0	0	0	0	0	9.48758E-11	9.48758E-11	9.48758E-05
578705.014141676.4:	578705.01	4141676	4.02579E-05	0	0	0	0	0	0	0	1.14209E-10	1.14209E-10	0.000114209
578985.014141676.4:	578985.01	4141676	0.000465096	0	0	0	0	0	0	0	1.31945E-09	1.31945E-09	0.00131945
579005.014141676.4:	579005.01	4141676	0.000446634	0	0	0	0	0	0	0	1.26707E-09	1.26707E-09	0.001267074
579025.014141676.4:	579025.01	4141676	0.000351735	0	0	0	0	0	0	0	9.97853E-10	9.97853E-10	0.000997853
579045.014141676.4:	579045.01	4141676	0.000288682	0	0	0	0	0	0	0	8.18972E-10	8.18972E-10	0.000818972
579065.014141676.4:	579065.01	4141676	0.000242658	0	0	0	0	0	0	0	6.88406E-10	6.88406E-10	0.000688406
579085.014141676.4:	579085.01	4141676	0.000209692	0	0	0	0	0	0	0	5.94883E-10	5.94883E-10	0.000594883
579105.014141676.4:	579105.01	4141676	0.000184046	0	0	0	0	0	0	0	5.22129E-10	5.22129E-10	0.000522129
579125.014141676.4:	579125.01	4141676	0.000164136	0	0	0	0	0	0	0	4.65644E-10	4.65644E-10	0.000465644
579145.014141676.4:	579145.01	4141676	0.000149275	0	0	0	0	0	0	0	4.23485E-10	4.23485E-10	0.000423485
579165.014141676.4:	579165.01	4141676	0.000138938	0	0	0	0	0	0	0	3.9416E-10	3.9416E-10	0.00039416
579185.014141676.4:	579185.01	4141676	0.000131159	0	0	0	0	0	0	0	3.7209E-10	3.7209E-10	0.00037209
579205.014141676.4:	579205.01	4141676	0.000126148	0	0	0	0	0	0	0	3.57874E-10	3.57874E-10	0.000357874
579225.014141676.4:	579225.01	4141676	0.00012447	0	0	0	0	0	0	0	3.53115E-10	3.53115E-10	0.000353115
579245.014141676.4:	579245.01	4141676	0.00012686	0	0	0	0	0	0	0	3.59894E-10	3.59894E-10	0.000359894
579265.014141676.4:	579265.01	4141676	0.000132499	0	0	0	0	0	0	0	3.75892E-10	3.75892E-10	0.000375892
579285.014141676.4:	579285.01	4141676	0.0001413	0	0	0	0	0	0	0	4.00859E-10	4.00859E-10	0.000400859
579305.014141676.4:	579305.01	4141676	0.000155446	0	0	0	0	0	0	0	4.4099E-10	4.4099E-10	0.00044099
579325.014141676.4:	579325.01	4141676	0.000181562	0	0	0	0	0	0	0	5.1508E-10	5.1508E-10	0.00051508
579345.014141676.4:	579345.01	4141676	0.000224945	0	0	0	0	0	0	0	6.38155E-10	6.38155E-10	0.000638155
578385.014141696.4:	578385.01	4141696	7.44941E-06	0	0	0	0	0	0	0	2.11335E-11	2.11335E-11	2.11335E-05
578405.014141696.4:	578405.01	4141696	7.87107E-06	0	0	0	0	0	0	0	2.23298E-11	2.23298E-11	2.23298E-05
578425.014141696.4:	578425.01	4141696	8.42024E-06	0	0	0	0	0	0	0	2.38877E-11	2.38877E-11	2.38877E-05
578445.014141696.4:	578445.01	4141696	9.06779E-06	0	0	0	0	0	0	0	2.57248E-11	2.57248E-11	2.57248E-05
578465.014141696.4:	578465.01	4141696	9.73744E-06	0	0	0	0	0	0	0	2.76245E-11	2.76245E-11	2.76245E-05
578485.014141696.4:	578485.01	4141696	1.04864E-05	0	0	0	0	0	0	0	2.97493E-11	2.97493E-11	2.97493E-05
578505.014141696.4:	578505.01	4141696	1.1409E-05	0	0	0	0	0	0	0	3.23668E-11	3.23668E-11	3.23668E-05
578525.014141696.4:	578525.01	4141696	1.24532E-05	0	0	0	0	0	0	0	3.53289E-11	3.53289E-11	3.53289E-05
578565.014141696.4:	578565.01	4141696	1.50655E-05	0	0	0	0	0	0	0	4.27398E-11	4.27398E-11	4.27398E-05
578585.014141696.4:	578585.01	4141696	1.67832E-05	0	0	0	0	0	0	0	4.76131E-11	4.76131E-11	4.76131E-05
578605.014141696.4:	578605.01	4141696	1.88765E-05	0	0	0	0	0	0	0	5.35516E-11	5.35516E-11	5.35516E-05
578625.014141696.4:	578625.01	4141696	2.14467E-05	0	0	0	0	0	0	0	6.08429E-11	6.08429E-11	6.08429E-05
578645.014141696.4:	578645.01	4141696	2.47909E-05	0	0	0	0	0	0	0	7.03302E-11	7.03302E-11	7.03302E-05
578665.014141696.4:	578665.01	4141696	2.89322E-05	0	0	0	0	0	0	0	8.2079E-11	8.2079E-11	8.2079E-05
578685.014141696.4:	578685.01	4141696	3.40635E-05	0	0	0	0	0	0	0	9.6636E-11	9.6636E-11	9.6636E-05
578945.014141696.4:	578945.01	4141696	0.000371431	0	0	0	0	0	0	0	1.05373E-09	1.05373E-09	0.001053728
578965.014141696.4:	578965.01	4141696	0.000437737	0	0	0	0	0	0	0	1.24183E-09	1.24183E-09	0.001241834
578985.014141696.4:	578985.01	4141696	0.000351467	0	0	0	0	0	0	0	9.97092E-10	9.97092E-10	0.000997092
579005.014141696.4:	579005.01	4141696	0.000289881	0	0	0	0	0	0	0	8.22376E-10	8.22376E-10	0.000822376
579025.014141696.4:	579025.01	4141696	0.000244167	0	0	0	0	0	0	0	6.92687E-10	6.92687E-10	0.000692687
579045.014141696.4:	579045.01	4141696	0.000210021	0	0	0	0	0	0	0	5.95817E-10	5.95817E-10	0.000595817
579065.014141696.4:	579065.01	4141696	0.00018428	0	0	0	0	0	0	0	5.22793E-10	5.22793E-10	0.000522793
579085.014141696.4:	579085.01	4141696	0.000163971	0	0	0	0	0	0	0	4.65177E-10	4.65177E-10	0.000465177
579105.014141696.4:	579105.01	4141696	0.000148004	0	0	0	0	0	0	0	4.19879E-10	4.19879E-10	0.000419879
579125.014141696.4:	579125.01	4141696	0.000134962	0	0	0	0	0	0	0	3.82878E-10	3.82878E-10	0.000382878

579145.014141696.4:	579145.01	4141696	0.00012554	0	0	0	0	0	0	0	3.56148E-10	3.56148E-10	0.000356148
579165.014141696.4:	579165.01	4141696	0.000118846	0	0	0	0	0	0	0	3.37159E-10	3.37159E-10	0.000337159
579185.014141696.4:	579185.01	4141696	0.000114595	0	0	0	0	0	0	0	3.251E-10	3.251E-10	0.0003251
579205.014141696.4:	579205.01	4141696	0.000112166	0	0	0	0	0	0	0	3.18208E-10	3.18208E-10	0.000318208
579225.014141696.4:	579225.01	4141696	0.000112331	0	0	0	0	0	0	0	3.18678E-10	3.18678E-10	0.000318678
579245.014141696.4:	579245.01	4141696	0.000114664	0	0	0	0	0	0	0	3.25294E-10	3.25294E-10	0.000325294
579265.014141696.4:	579265.01	4141696	0.00012153	0	0	0	0	0	0	0	3.44773E-10	3.44773E-10	0.000344773
579285.014141696.4:	579285.01	4141696	0.000131595	0	0	0	0	0	0	0	3.73329E-10	3.73329E-10	0.000373329
579305.014141696.4:	579305.01	4141696	0.000144588	0	0	0	0	0	0	0	4.10187E-10	4.10187E-10	0.000410187
579325.014141696.4:	579325.01	4141696	0.000169063	0	0	0	0	0	0	0	4.79623E-10	4.79623E-10	0.000479623
579345.014141696.4:	579345.01	4141696	0.000207164	0	0	0	0	0	0	0	5.87711E-10	5.87711E-10	0.000587711
578385.014141716.4:	578385.01	4141716	7.48756E-06	0	0	0	0	0	0	0	2.12418E-11	2.12418E-11	2.12418E-05
578405.014141716.4:	578405.01	4141716	7.96343E-06	0	0	0	0	0	0	0	2.25918E-11	2.25918E-11	2.25918E-05
578425.014141716.4:	578425.01	4141716	8.55075E-06	0	0	0	0	0	0	0	2.4258E-11	2.4258E-11	2.4258E-05
578445.014141716.4:	578445.01	4141716	9.1712E-06	0	0	0	0	0	0	0	2.60182E-11	2.60182E-11	2.60182E-05
578465.014141716.4:	578465.01	4141716	9.83984E-06	0	0	0	0	0	0	0	2.7915E-11	2.7915E-11	2.7915E-05
578485.014141716.4:	578485.01	4141716	1.06159E-05	0	0	0	0	0	0	0	3.01167E-11	3.01167E-11	3.01167E-05
578505.014141716.4:	578505.01	4141716	1.15827E-05	0	0	0	0	0	0	0	3.28595E-11	3.28595E-11	3.28595E-05
578525.014141716.4:	578525.01	4141716	1.27102E-05	0	0	0	0	0	0	0	3.6058E-11	3.6058E-11	3.6058E-05
578605.014141716.4:	578605.01	4141716	1.93323E-05	0	0	0	0	0	0	0	5.48446E-11	5.48446E-11	5.48446E-05
578625.014141716.4:	578625.01	4141716	2.2032E-05	0	0	0	0	0	0	0	6.25034E-11	6.25034E-11	6.25034E-05
578645.014141716.4:	578645.01	4141716	2.53993E-05	0	0	0	0	0	0	0	7.20562E-11	7.20562E-11	7.20562E-05
578665.014141716.4:	578665.01	4141716	2.94211E-05	0	0	0	0	0	0	0	8.3466E-11	8.3466E-11	8.3466E-05
578685.014141716.4:	578685.01	4141716	3.45062E-05	0	0	0	0	0	0	0	9.78921E-11	9.78921E-11	9.78921E-05
578905.014141716.4:	578905.01	4141716	0.000289365	0	0	0	0	0	0	0	8.20912E-10	8.20912E-10	0.000820912
578925.014141716.4:	578925.01	4141716	0.000319287	0	0	0	0	0	0	0	9.05799E-10	9.05799E-10	0.000905799
578945.014141716.4:	578945.01	4141716	0.000304992	0	0	0	0	0	0	0	8.65244E-10	8.65244E-10	0.000865244
578965.014141716.4:	578965.01	4141716	0.000269154	0	0	0	0	0	0	0	7.63575E-10	7.63575E-10	0.000763575
578985.014141716.4:	578985.01	4141716	0.000233965	0	0	0	0	0	0	0	6.63744E-10	6.63744E-10	0.000663744
579005.014141716.4:	579005.01	4141716	0.000203973	0	0	0	0	0	0	0	5.7866E-10	5.7866E-10	0.00057866
579025.014141716.4:	579025.01	4141716	0.000180201	0	0	0	0	0	0	0	5.1122E-10	5.1122E-10	0.00051122
579045.014141716.4:	579045.01	4141716	0.000160763	0	0	0	0	0	0	0	4.56074E-10	4.56074E-10	0.000456074
579065.014141716.4:	579065.01	4141716	0.000144799	0	0	0	0	0	0	0	4.10785E-10	4.10785E-10	0.000410785
579085.014141716.4:	579085.01	4141716	0.00013222	0	0	0	0	0	0	0	3.751E-10	3.751E-10	0.0003751
579105.014141716.4:	579105.01	4141716	0.000122621	0	0	0	0	0	0	0	3.47869E-10	3.47869E-10	0.000347869
579125.014141716.4:	579125.01	4141716	0.0001142	0	0	0	0	0	0	0	3.23978E-10	3.23978E-10	0.000323978
579145.014141716.4:	579145.01	4141716	0.000107769	0	0	0	0	0	0	0	3.05735E-10	3.05735E-10	0.000305735
579165.014141716.4:	579165.01	4141716	0.000103923	0	0	0	0	0	0	0	2.94824E-10	2.94824E-10	0.000294824
579185.014141716.4:	579185.01	4141716	0.000101614	0	0	0	0	0	0	0	2.88273E-10	2.88273E-10	0.000288273
579205.014141716.4:	579205.01	4141716	0.000100907	0	0	0	0	0	0	0	2.86268E-10	2.86268E-10	0.000286268
579225.014141716.4:	579225.01	4141716	0.000102186	0	0	0	0	0	0	0	2.89897E-10	2.89897E-10	0.000289897
579245.014141716.4:	579245.01	4141716	0.000104405	0	0	0	0	0	0	0	2.96191E-10	2.96191E-10	0.000296191
579265.014141716.4:	579265.01	4141716	0.000111336	0	0	0	0	0	0	0	3.15855E-10	3.15855E-10	0.000315855
579285.014141716.4:	579285.01	4141716	0.000121161	0	0	0	0	0	0	0	3.43727E-10	3.43727E-10	0.000343727
579305.014141716.4:	579305.01	4141716	0.000133699	0	0	0	0	0	0	0	3.79295E-10	3.79295E-10	0.000379295
579325.014141716.4:	579325.01	4141716	0.000154897	0	0	0	0	0	0	0	4.39435E-10	4.39435E-10	0.000439435
579345.014141716.4:	579345.01	4141716	0.000188212	0	0	0	0	0	0	0	5.33946E-10	5.33946E-10	0.000533946
578385.014141736.4:	578385.01	4141736	7.54679E-06	0	0	0	0	0	0	0	2.14098E-11	2.14098E-11	2.14098E-05
578405.014141736.4:	578405.01	4141736	8.08893E-06	0	0	0	0	0	0	0	2.29478E-11	2.29478E-11	2.29478E-05
578425.014141736.4:	578425.01	4141736	8.65416E-06	0	0	0	0	0	0	0	2.45513E-11	2.45513E-11	2.45513E-05
578445.014141736.4:	578445.01	4141736	9.26557E-06	0	0	0	0	0	0	0	2.62859E-11	2.62859E-11	2.62859E-05
578465.014141736.4:	578465.01	4141736	9.94425E-06	0	0	0	0	0	0	0	2.82113E-11	2.82113E-11	2.82113E-05
578485.014141736.4:	578485.01	4141736	1.07735E-05	0	0	0	0	0	0	0	3.05639E-11	3.05639E-11	3.05639E-05
578505.014141736.4:	578505.01	4141736	1.1895E-05	0	0	0	0	0	0	0	3.37453E-11	3.37453E-11	3.37453E-05
578625.014141736.4:	578625.01	4141736	2.25671E-05	0	0	0	0	0	0	0	6.40215E-11	6.40215E-11	6.40215E-05
578645.014141736.4:	578645.01	4141736	2.57948E-05	0	0	0	0	0	0	0	7.31784E-11	7.31784E-11	7.31784E-05
578665.014141736.4:	578665.01	4141736	2.97615E-05	0	0	0	0	0	0	0	8.44316E-11	8.44316E-11	8.44316E-05
578865.014141736.4:	578865.01	4141736	0.000157217	0	0	0	0	0	0	0	4.46014E-10	4.46014E-10	0.000446014
578885.014141736.4:	578885.01	4141736	0.00018503	0	0	0	0	0	0	0	5.2492E-10	5.2492E-10	0.00052492
578905.014141736.4:	578905.01	4141736	0.000205893	0	0	0	0	0	0	0	5.84106E-10	5.84106E-10	0.000584106
578925.014141736.4:	578925.01	4141736	0.000211033	0	0	0	0	0	0	0	5.98688E-10	5.98688E-10	0.000598688

578945.014141736.4:	578945.01	4141736	0.000202401	0	0	0	0	0	0	0	5.742E-10	5.742E-10	0.0005742
578965.014141736.4:	578965.01	4141736	0.000186203	0	0	0	0	0	0	0	5.28247E-10	5.28247E-10	0.000528247
578985.014141736.4:	578985.01	4141736	0.000169344	0	0	0	0	0	0	0	4.8042E-10	4.8042E-10	0.00048042
579005.014141736.4:	579005.01	4141736	0.000153452	0	0	0	0	0	0	0	4.35333E-10	4.35333E-10	0.000435333
579025.014141736.4:	579025.01	4141736	0.00013949	0	0	0	0	0	0	0	3.95724E-10	3.95724E-10	0.000395724
579045.014141736.4:	579045.01	4141736	0.000127555	0	0	0	0	0	0	0	3.61865E-10	3.61865E-10	0.000361865
579065.014141736.4:	579065.01	4141736	0.000117843	0	0	0	0	0	0	0	3.34314E-10	3.34314E-10	0.000334314
579085.014141736.4:	579085.01	4141736	0.000109975	0	0	0	0	0	0	0	3.11993E-10	3.11993E-10	0.000311993
579105.014141736.4:	579105.01	4141736	0.000103737	0	0	0	0	0	0	0	2.94297E-10	2.94297E-10	0.000294297
579125.014141736.4:	579125.01	4141736	9.84366E-05	0	0	0	0	0	0	0	2.79259E-10	2.79259E-10	0.000279259
579145.014141736.4:	579145.01	4141736	9.44589E-05	0	0	0	0	0	0	0	2.67974E-10	2.67974E-10	0.000267974
579165.014141736.4:	579165.01	4141736	9.21508E-05	0	0	0	0	0	0	0	2.61426E-10	2.61426E-10	0.000261426
579185.014141736.4:	579185.01	4141736	9.12894E-05	0	0	0	0	0	0	0	2.58982E-10	2.58982E-10	0.000258982
579205.014141736.4:	579205.01	4141736	9.16799E-05	0	0	0	0	0	0	0	2.6009E-10	2.6009E-10	0.00026009
579225.014141736.4:	579225.01	4141736	9.36406E-05	0	0	0	0	0	0	0	2.65653E-10	2.65653E-10	0.000265653
579245.014141736.4:	579245.01	4141736	9.73111E-05	0	0	0	0	0	0	0	2.76066E-10	2.76066E-10	0.000276066
579265.014141736.4:	579265.01	4141736	0.000102977	0	0	0	0	0	0	0	2.92141E-10	2.92141E-10	0.000292141
579285.014141736.4:	579285.01	4141736	0.00011227	0	0	0	0	0	0	0	3.18504E-10	3.18504E-10	0.000318504
579305.014141736.4:	579305.01	4141736	0.000126477	0	0	0	0	0	0	0	3.58808E-10	3.58808E-10	0.000358808
579325.014141736.4:	579325.01	4141736	0.000145944	0	0	0	0	0	0	0	4.14035E-10	4.14035E-10	0.000414035
579345.014141736.4:	579345.01	4141736	0.000176899	0	0	0	0	0	0	0	5.01853E-10	5.01853E-10	0.000501853
578385.014141756.4:	578385.01	4141756	7.6753E-06	0	0	0	0	0	0	0	2.17744E-11	2.17744E-11	2.17744E-05
578405.014141756.4:	578405.01	4141756	8.19133E-06	0	0	0	0	0	0	0	2.32383E-11	2.32383E-11	2.32383E-05
578425.014141756.4:	578425.01	4141756	8.76159E-06	0	0	0	0	0	0	0	2.48561E-11	2.48561E-11	2.48561E-05
578445.014141756.4:	578445.01	4141756	9.40211E-06	0	0	0	0	0	0	0	2.66732E-11	2.66732E-11	2.66732E-05

Cubberley Community Center Master Plan

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)
Demolition I - Phase III	2033	0.01		8	0.000153471
Demolition II - Phase III	2034	0.01		8	0.000153471
Grading- Phase III	2034	0.00		8	0
Building Construction I- Phase III	2034	0.00		8	0
Building Construction II- Phase III	2035	0.00		8	0
Paving- Phase III	2035	0.00		8	0
Architectural Coating- Phase III	2035	0.00		8	0

Risk Summary	
Maximum Risk, Uncontrolled	0.006
UTM X	579145.01
UTM Y	4141516.41

AERMOD Column Identifier:			*14*	*14*	*14*	*14*	*14*	*14*	*14*					
			Demolition I - Phase III	Demolition II - Phase III	Grading- Phase III	ng Construction I- Ph	ilding Construction II- Phase	Paving- Phase III	rchitectural Coating- Phase	Child Risk				
Unique Identifier	X (UTM)	Y (UTM)	2033	2034	2034	2034	2035	2035	2035	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.4	578385.01	4141176	6.77116E-06	6.77116E-06	0	0	0	0	0	0	0	1.96896E-11	1.96896E-11	1.96896E-05
578405.014141176.4	578405.01	4141176	7.10726E-06	7.10726E-06	0	0	0	0	0	0	0	2.0667E-11	2.0667E-11	2.0667E-05
578425.014141176.4	578425.01	4141176	7.5155E-06	7.5155E-06	0	0	0	0	0	0	0	2.1854E-11	2.1854E-11	2.1854E-05
578445.014141176.4	578445.01	4141176	8.223E-06	8.223E-06	0	0	0	0	0	0	0	2.39114E-11	2.39114E-11	2.39114E-05
578465.014141176.4	578465.01	4141176	8.4839E-06	8.4839E-06	0	0	0	0	0	0	0	2.467E-11	2.467E-11	2.467E-05
578485.014141176.4	578485.01	4141176	9.16838E-06	9.16838E-06	0	0	0	0	0	0	0	2.66604E-11	2.66604E-11	2.66604E-05
578505.014141176.4	578505.01	4141176	9.87896E-06	9.87896E-06	0	0	0	0	0	0	0	2.87267E-11	2.87267E-11	2.87267E-05
578525.014141176.4	578525.01	4141176	1.05435E-05	1.05435E-05	0	0	0	0	0	0	0	3.0659E-11	3.0659E-11	3.0659E-05
578545.014141176.4	578545.01	4141176	1.15794E-05	1.15794E-05	0	0	0	0	0	0	0	3.36714E-11	3.36714E-11	3.36714E-05
578565.014141176.4	578565.01	4141176	1.22025E-05	1.22025E-05	0	0	0	0	0	0	0	3.54833E-11	3.54833E-11	3.54833E-05
578585.014141176.4	578585.01	4141176	1.35884E-05	1.35884E-05	0	0	0	0	0	0	0	3.95131E-11	3.95131E-11	3.95131E-05
578605.014141176.4	578605.01	4141176	1.49635E-05	1.49635E-05	0	0	0	0	0	0	0	4.35117E-11	4.35117E-11	4.35117E-05
578625.014141176.4	578625.01	4141176	1.53517E-05	1.53517E-05	0	0	0	0	0	0	0	4.46408E-11	4.46408E-11	4.46408E-05
578645.014141176.4	578645.01	4141176	1.66102E-05	1.66102E-05	0	0	0	0	0	0	0	4.83002E-11	4.83002E-11	4.83002E-05
578665.014141176.4	578665.01	4141176	1.83107E-05	1.83107E-05	0	0	0	0	0	0	0	5.3245E-11	5.3245E-11	5.3245E-05
578685.014141176.4	578685.01	4141176	2.13494E-05	2.13494E-05	0	0	0	0	0	0	0	6.20812E-11	6.20812E-11	6.20812E-05
578705.014141176.4	578705.01	4141176	2.36008E-05	2.36008E-05	0	0	0	0	0	0	0	6.8628E-11	6.8628E-11	6.8628E-05
578725.014141176.4	578725.01	4141176	2.62068E-05	2.62068E-05	0	0	0	0	0	0	0	7.62058E-11	7.62058E-11	7.62058E-05
578745.014141176.4	578745.01	4141176	2.93483E-05	2.93483E-05	0	0	0	0	0	0	0	8.5341E-11	8.5341E-11	8.5341E-05
578765.014141176.4	578765.01	4141176	3.28061E-05	3.28061E-05	0	0	0	0	0	0	0	9.53955E-11	9.53955E-11	9.53955E-05
578785.014141176.4	578785.01	4141176	3.70158E-05	3.70158E-05	0	0	0	0	0	0	0	1.07637E-10	1.07637E-10	0.000107637
578805.014141176.4	578805.01	4141176	4.20174E-05	4.20174E-05	0	0	0	0	0	0	0	1.22181E-10	1.22181E-10	0.000122181
578825.014141176.4	578825.01	4141176	4.81164E-05	4.81164E-05	0	0	0	0	0	0	0	1.39916E-10	1.39916E-10	0.000139916
578845.014141176.4	578845.01	4141176	5.53587E-05	5.53587E-05	0	0	0	0	0	0	0	1.60976E-10	1.60976E-10	0.000160976
578865.014141176.4	578865.01	4141176	6.30384E-05	6.30384E-05	0	0	0	0	0	0	0	1.83307E-10	1.83307E-10	0.000183307
578885.014141176.4	578885.01	4141176	7.16604E-05	7.16604E-05	0	0	0	0	0	0	0	2.08379E-10	2.08379E-10	0.000208379
578905.014141176.4	578905.01	4141176	8.06738E-05	8.06738E-05	0	0	0	0	0	0	0	2.34588E-10	2.34588E-10	0.000234588
578925.014141176.4	578925.01	4141176	8.99481E-05	8.99481E-05	0	0	0	0	0	0	0	2.61557E-10	2.61557E-10	0.000261557
578945.014141176.4	578945.01	4141176	9.91563E-05	9.91563E-05	0	0	0	0	0	0	0	2.88333E-10	2.88333E-10	0.000288333
578965.014141176.4	578965.01	4141176	0.000107608	0.000107608	0	0	0	0	0	0	0	3.1291E-10	3.1291E-10	0.00031291
578985.014141176.4	578985.01	4141176	0.00011532	0.00011532	0	0	0	0	0	0	0	3.35335E-10	3.35335E-10	0.000335335
579005.014141176.4	579005.01	4141176	0.000122105	0.000122105	0	0	0	0	0	0	0	3.55065E-10	3.55065E-10	0.000355065
579025.014141176.4	579025.01	4141176	0.000128801	0.000128801	0	0	0	0	0	0	0	3.74536E-10	3.74536E-10	0.000374536
579045.014141176.4	579045.01	4141176	0.000135701	0.000135701	0	0	0	0	0	0	0	3.946E-10	3.946E-10	0.0003946
579065.014141176.4	579065.01	4141176	0.000142727	0.000142727	0	0	0	0	0	0	0	4.1503E-10	4.1503E-10	0.00041503
579085.014141176.4	579085.01	4141176	0.000149733	0.000149733	0	0	0	0	0	0	0	4.35403E-10	4.35403E-10	0.000435403
579105.014141176.4	579105.01	4141176	0.000157136	0.000157136	0	0	0	0	0	0	0	4.56931E-10	4.56931E-10	0.000456931
579125.014141176.4	579125.01	4141176	0.000165039	0.000165039	0	0	0	0	0	0	0	4.7991E-10	4.7991E-10	0.00047991
579145.014141176.4	579145.01	4141176	0.000173418	0.000173418	0	0	0	0	0	0	0	5.04276E-10	5.04276E-10	0.000504276
579165.014141176.4	579165.01	4141176	0.000182023	0.000182023	0	0	0	0	0	0	0	5.29299E-10	5.29299E-10	0.000529299
579185.014141176.4	579185.01	4141176	0.000191812	0.000191812	0	0	0	0	0	0	0	5.57762E-10	5.57762E-10	0.000557762
579205.014141176.4	579205.01	4141176	0.0002018	0.0002018	0	0	0	0	0	0	0	5.86806E-10	5.86806E-10	0.000586806
579225.014141176.4	579225.01	4141176	0.000212449	0.000212449	0	0	0	0	0	0	0	6.17773E-10	6.17773E-10	0.000617773
578385.014141196.4	578385.01	4141196	6.90775E-06	6.90775E-06	0	0	0	0	0	0	0	2.00868E-11	2.00868E-11	2.00868E-05
578405.014141196.4	578405.01	4141196	7.24385E-06	7.24385E-06	0	0	0	0	0	0	0	2.10641E-11	2.10641E-11	2.10641E-05
578425.014141196.4	578425.01	4141196	7.65976E-06	7.65976E-06	0	0	0	0	0	0	0	2.22735E-11	2.22735E-11	2.22735E-05

578445.014141196.4	578445.01	4141196	8.08948E-06	8.08948E-06	0	0	0	0	0	0	0	2.35231E-11	2.35231E-11	2.35231E-05
578465.014141196.4	578465.01	4141196	8.80466E-06	8.80466E-06	0	0	0	0	0	0	0	2.56027E-11	2.56027E-11	2.56027E-05
578485.014141196.4	578485.01	4141196	9.41394E-06	9.41394E-06	0	0	0	0	0	0	0	2.73745E-11	2.73745E-11	2.73745E-05
578505.014141196.4	578505.01	4141196	1.0037E-05	1.0037E-05	0	0	0	0	0	0	0	2.91863E-11	2.91863E-11	2.91863E-05
578525.014141196.4	578525.01	4141196	1.08151E-05	1.08151E-05	0	0	0	0	0	0	0	3.14489E-11	3.14489E-11	3.14489E-05
578545.014141196.4	578545.01	4141196	1.16792E-05	1.16792E-05	0	0	0	0	0	0	0	3.39615E-11	3.39615E-11	3.39615E-05
578565.014141196.4	578565.01	4141196	1.33244E-05	1.33244E-05	0	0	0	0	0	0	0	3.87455E-11	3.87455E-11	3.87455E-05
578585.014141196.4	578585.01	4141196	1.4322E-05	1.4322E-05	0	0	0	0	0	0	0	4.16463E-11	4.16463E-11	4.16463E-05
578605.014141196.4	578605.01	4141196	1.47148E-05	1.47148E-05	0	0	0	0	0	0	0	4.27888E-11	4.27888E-11	4.27888E-05
578625.014141196.4	578625.01	4141196	1.57017E-05	1.57017E-05	0	0	0	0	0	0	0	4.56583E-11	4.56583E-11	4.56583E-05
578645.014141196.4	578645.01	4141196	1.77244E-05	1.77244E-05	0	0	0	0	0	0	0	5.15402E-11	5.15402E-11	5.15402E-05
578665.014141196.4	578665.01	4141196	2.01109E-05	2.01109E-05	0	0	0	0	0	0	0	5.84798E-11	5.84798E-11	5.84798E-05
578685.014141196.4	578685.01	4141196	2.21536E-05	2.21536E-05	0	0	0	0	0	0	0	6.44197E-11	6.44197E-11	6.44197E-05
578705.014141196.4	578705.01	4141196	2.44925E-05	2.44925E-05	0	0	0	0	0	0	0	7.12209E-11	7.12209E-11	7.12209E-05
578725.014141196.4	578725.01	4141196	2.72412E-05	2.72412E-05	0	0	0	0	0	0	0	7.92136E-11	7.92136E-11	7.92136E-05
578745.014141196.4	578745.01	4141196	3.05546E-05	3.05546E-05	0	0	0	0	0	0	0	8.88487E-11	8.88487E-11	8.88487E-05
578765.014141196.4	578765.01	4141196	3.45433E-05	3.45433E-05	0	0	0	0	0	0	0	1.00447E-10	1.00447E-10	0.000100447
578785.014141196.4	578785.01	4141196	3.90938E-05	3.90938E-05	0	0	0	0	0	0	0	1.13679E-10	1.13679E-10	0.000113679
578805.014141196.4	578805.01	4141196	4.47062E-05	4.47062E-05	0	0	0	0	0	0	0	1.3E-10	1.3E-10	0.00013
578825.014141196.4	578825.01	4141196	5.13193E-05	5.13193E-05	0	0	0	0	0	0	0	1.4923E-10	1.4923E-10	0.00014923
578845.014141196.4	578845.01	4141196	5.92829E-05	5.92829E-05	0	0	0	0	0	0	0	1.72387E-10	1.72387E-10	0.000172387
578865.014141196.4	578865.01	4141196	6.83178E-05	6.83178E-05	0	0	0	0	0	0	0	1.98659E-10	1.98659E-10	0.000198659
578885.014141196.4	578885.01	4141196	7.77778E-05	7.77778E-05	0	0	0	0	0	0	0	2.26167E-10	2.26167E-10	0.000226167
578905.014141196.4	578905.01	4141196	8.77949E-05	8.77949E-05	0	0	0	0	0	0	0	2.55296E-10	2.55296E-10	0.000255296
578925.014141196.4	578925.01	4141196	9.80437E-05	9.80437E-05	0	0	0	0	0	0	0	2.85098E-10	2.85098E-10	0.000285098
578945.014141196.4	578945.01	4141196	0.000107912	0.000107912	0	0	0	0	0	0	0	3.13793E-10	3.13793E-10	0.000313793
578965.014141196.4	578965.01	4141196	0.000117056	0.000117056	0	0	0	0	0	0	0	3.40382E-10	3.40382E-10	0.000340382
578985.014141196.4	578985.01	4141196	0.000124674	0.000124674	0	0	0	0	0	0	0	3.62535E-10	3.62535E-10	0.000362535
579005.014141196.4	579005.01	4141196	0.000131975	0.000131975	0	0	0	0	0	0	0	3.83764E-10	3.83764E-10	0.000383764
579025.014141196.4	579025.01	4141196	0.000139283	0.000139283	0	0	0	0	0	0	0	4.05016E-10	4.05016E-10	0.000405016
579045.014141196.4	579045.01	4141196	0.000146352	0.000146352	0	0	0	0	0	0	0	4.25571E-10	4.25571E-10	0.000425571
579065.014141196.4	579065.01	4141196	0.000153846	0.000153846	0	0	0	0	0	0	0	4.47363E-10	4.47363E-10	0.000447363
579085.014141196.4	579085.01	4141196	0.000160968	0.000160968	0	0	0	0	0	0	0	4.68075E-10	4.68075E-10	0.000468075
579105.014141196.4	579105.01	4141196	0.00016861	0.00016861	0	0	0	0	0	0	0	4.90295E-10	4.90295E-10	0.000490295
579125.014141196.4	579125.01	4141196	0.000177045	0.000177045	0	0	0	0	0	0	0	5.14822E-10	5.14822E-10	0.000514822
579145.014141196.4	579145.01	4141196	0.000186614	0.000186614	0	0	0	0	0	0	0	5.42647E-10	5.42647E-10	0.000542647
579165.014141196.4	579165.01	4141196	0.000196529	0.000196529	0	0	0	0	0	0	0	5.71481E-10	5.71481E-10	0.000571481
579185.014141196.4	579185.01	4141196	0.000206827	0.000206827	0	0	0	0	0	0	0	6.01426E-10	6.01426E-10	0.000601426
579205.014141196.4	579205.01	4141196	0.000218	0.000218	0	0	0	0	0	0	0	6.33914E-10	6.33914E-10	0.000633914
579225.014141196.4	579225.01	4141196	0.000230176	0.000230176	0	0	0	0	0	0	0	6.69322E-10	6.69322E-10	0.000669322
579245.014141196.4	579245.01	4141196	0.000243628	0.000243628	0	0	0	0	0	0	0	7.08438E-10	7.08438E-10	0.000708438
578385.014141216.4	578385.01	4141216	7.06122E-06	7.06122E-06	0	0	0	0	0	0	0	2.05331E-11	2.05331E-11	2.05331E-05
578405.014141216.4	578405.01	4141216	7.40193E-06	7.40193E-06	0	0	0	0	0	0	0	2.15238E-11	2.15238E-11	2.15238E-05
578425.014141216.4	578425.01	4141216	7.79174E-06	7.79174E-06	0	0	0	0	0	0	0	2.26573E-11	2.26573E-11	2.26573E-05
578445.014141216.4	578445.01	4141216	8.22453E-06	8.22453E-06	0	0	0	0	0	0	0	2.39158E-11	2.39158E-11	2.39158E-05
578465.014141216.4	578465.01	4141216	8.96887E-06	8.96887E-06	0	0	0	0	0	0	0	2.60803E-11	2.60803E-11	2.60803E-05
578485.014141216.4	578485.01	4141216	9.58582E-06	9.58582E-06	0	0	0	0	0	0	0	2.78743E-11	2.78743E-11	2.78743E-05
578505.014141216.4	578505.01	4141216	1.0192E-05	1.0192E-05	0	0	0	0	0	0	0	2.96371E-11	2.96371E-11	2.96371E-05
578525.014141216.4	578525.01	4141216	1.10377E-05	1.10377E-05	0	0	0	0	0	0	0	3.2096E-11	3.2096E-11	3.2096E-05
578545.014141216.4	578545.01	4141216	1.2577E-05	1.2577E-05	0	0	0	0	0	0	0	3.65722E-11	3.65722E-11	3.65722E-05
578565.014141216.4	578565.01	4141216	1.36206E-05	1.36206E-05	0	0	0	0	0	0	0	3.96068E-11	3.96068E-11	3.96068E-05
578585.014141216.4	578585.01	4141216	1.47225E-05	1.47225E-05	0	0	0	0	0	0	0	4.28111E-11	4.28111E-11	4.28111E-05
578605.014141216.4	578605.01	4141216	1.58045E-05	1.58045E-05	0	0	0	0	0	0	0	4.59573E-11	4.59573E-11	4.59573E-05
578625.014141216.4	578625.01	4141216	1.71566E-05	1.71566E-05	0	0	0	0	0	0	0	4.9889E-11	4.9889E-11	4.9889E-05
578645.014141216.4	578645.01	4141216	1.89246E-05	1.89246E-05	0	0	0	0	0	0	0	5.50301E-11	5.50301E-11	5.50301E-05
578665.014141216.4	578665.01	4141216	2.07954E-05	2.07954E-05	0	0	0	0	0	0	0	6.04701E-11	6.04701E-11	6.04701E-05
578685.014141216.4	578685.01	4141216	2.30207E-05	2.30207E-05	0	0	0	0	0	0	0	6.69411E-11	6.69411E-11	6.69411E-05
578705.014141216.4	578705.01	4141216	2.54317E-05	2.54317E-05	0	0	0	0	0	0	0	7.39521E-11	7.39521E-11	7.39521E-05
578725.014141216.4	578725.01	4141216	2.83293E-05	2.83293E-05	0	0	0	0	0	0	0	8.23777E-11	8.23777E-11	8.23777E-05
578745.014141216.4	578745.01	4141216	3.19128E-05	3.19128E-05	0	0	0	0	0	0	0	9.27982E-11	9.27982E-11	9.27982E-05
578765.014141216.4	578765.01	4141216	3.63144E-05	3.63144E-05	0	0	0	0	0	0	0	1.05597E-10	1.05597E-10	0.000105597
578785.014141216.4	578785.01	4141216	4.1514E-05	4.1514E-05	0	0	0	0	0	0	0	1.20717E-10	1.20717E-10	0.000120717
578805.014141216.4	578805.01	4141216	4.76299E-05	4.76299E-05	0	0	0	0	0	0	0	1.38501E-10	1.38501E-10	0.000138501
578825.014141216.4	578825.01	4141216	5.50425E-05	5.50425E-05	0	0	0	0	0	0	0	1.60056E-10	1.60056E-10	0.000160056
578845.014141216.4	578845.01	4141216	6.38502E-05	6.38502E-05	0	0	0	0	0	0	0	1.85668E-10	1.85668E-10	0.000185668
578925.014141216.4	578925.01	4141216	0.000107145	0.000107145	0	0	0	0	0	0	0	3.11562E-10	3.11562E-10	0.000311562

578945.014141216.4	578945.01	4141216	0.000117564	0.000117564	0	0	0	0	0	0	0	3.41859E-10	3.41859E-10	0.000341859
578965.014141216.4	578965.01	4141216	0.000127595	0.000127595	0	0	0	0	0	0	0	3.71028E-10	3.71028E-10	0.000371028
578985.014141216.4	578985.01	4141216	0.000136005	0.000136005	0	0	0	0	0	0	0	3.95484E-10	3.95484E-10	0.000395484
579005.014141216.4	579005.01	4141216	0.000143543	0.000143543	0	0	0	0	0	0	0	4.17405E-10	4.17405E-10	0.000417405
579025.014141216.4	579025.01	4141216	0.000150551	0.000150551	0	0	0	0	0	0	0	4.37781E-10	4.37781E-10	0.000437781
579045.014141216.4	579045.01	4141216	0.000157782	0.000157782	0	0	0	0	0	0	0	4.5881E-10	4.5881E-10	0.00045881
579065.014141216.4	579065.01	4141216	0.000165557	0.000165557	0	0	0	0	0	0	0	4.81418E-10	4.81418E-10	0.000481418
579085.014141216.4	579085.01	4141216	0.000173258	0.000173258	0	0	0	0	0	0	0	5.03812E-10	5.03812E-10	0.000503812
579105.014141216.4	579105.01	4141216	0.000181475	0.000181475	0	0	0	0	0	0	0	5.27706E-10	5.27706E-10	0.000527706
579125.014141216.4	579125.01	4141216	0.000191006	0.000191006	0	0	0	0	0	0	0	5.55419E-10	5.55419E-10	0.000555419
579145.014141216.4	579145.01	4141216	0.000201402	0.000201402	0	0	0	0	0	0	0	5.8565E-10	5.8565E-10	0.00058565
579165.014141216.4	579165.01	4141216	0.000212044	0.000212044	0	0	0	0	0	0	0	6.16595E-10	6.16595E-10	0.000616595
579185.014141216.4	579185.01	4141216	0.000223669	0.000223669	0	0	0	0	0	0	0	6.504E-10	6.504E-10	0.0006504
579205.014141216.4	579205.01	4141216	0.000236677	0.000236677	0	0	0	0	0	0	0	6.88226E-10	6.88226E-10	0.000688226
579225.014141216.4	579225.01	4141216	0.000251348	0.000251348	0	0	0	0	0	0	0	7.30885E-10	7.30885E-10	0.000730885
579245.014141216.4	579245.01	4141216	0.000266528	0.000266528	0	0	0	0	0	0	0	7.75026E-10	7.75026E-10	0.000775026
578385.014141236.4	578385.01	4141236	7.1487E-06	7.1487E-06	0	0	0	0	0	0	0	2.07874E-11	2.07874E-11	2.07874E-05
578405.014141236.4	578405.01	4141236	7.79328E-06	7.79328E-06	0	0	0	0	0	0	0	2.26618E-11	2.26618E-11	2.26618E-05
578425.014141236.4	578425.01	4141236	8.11403E-06	8.11403E-06	0	0	0	0	0	0	0	2.35945E-11	2.35945E-11	2.35945E-05
578445.014141236.4	578445.01	4141236	8.62663E-06	8.62663E-06	0	0	0	0	0	0	0	2.50851E-11	2.50851E-11	2.50851E-05
578465.014141236.4	578465.01	4141236	9.1822E-06	9.1822E-06	0	0	0	0	0	0	0	2.67006E-11	2.67006E-11	2.67006E-05
578485.014141236.4	578485.01	4141236	9.75157E-06	9.75157E-06	0	0	0	0	0	0	0	2.83563E-11	2.83563E-11	2.83563E-05
578505.014141236.4	578505.01	4141236	1.05389E-05	1.05389E-05	0	0	0	0	0	0	0	3.06456E-11	3.06456E-11	3.06456E-05
578525.014141236.4	578525.01	4141236	1.21058E-05	1.21058E-05	0	0	0	0	0	0	0	3.52021E-11	3.52021E-11	3.52021E-05
578545.014141236.4	578545.01	4141236	1.28317E-05	1.28317E-05	0	0	0	0	0	0	0	3.7313E-11	3.7313E-11	3.7313E-05
578565.014141236.4	578565.01	4141236	1.39045E-05	1.39045E-05	0	0	0	0	0	0	0	4.04324E-11	4.04324E-11	4.04324E-05
578585.014141236.4	578585.01	4141236	1.51016E-05	1.51016E-05	0	0	0	0	0	0	0	4.39134E-11	4.39134E-11	4.39134E-05
578605.014141236.4	578605.01	4141236	1.62756E-05	1.62756E-05	0	0	0	0	0	0	0	4.73274E-11	4.73274E-11	4.73274E-05
578625.014141236.4	578625.01	4141236	1.76492E-05	1.76492E-05	0	0	0	0	0	0	0	5.13215E-11	5.13215E-11	5.13215E-05
578645.014141236.4	578645.01	4141236	1.94372E-05	1.94372E-05	0	0	0	0	0	0	0	5.65206E-11	5.65206E-11	5.65206E-05
578665.014141236.4	578665.01	4141236	2.14614E-05	2.14614E-05	0	0	0	0	0	0	0	6.2407E-11	6.2407E-11	6.2407E-05
578685.014141236.4	578685.01	4141236	2.3831E-05	2.3831E-05	0	0	0	0	0	0	0	6.92974E-11	6.92974E-11	6.92974E-05
578705.014141236.4	578705.01	4141236	2.64784E-05	2.64784E-05	0	0	0	0	0	0	0	7.69957E-11	7.69957E-11	7.69957E-05
578725.014141236.4	578725.01	4141236	2.96184E-05	2.96184E-05	0	0	0	0	0	0	0	8.61264E-11	8.61264E-11	8.61264E-05
578745.014141236.4	578745.01	4141236	3.338E-05	3.338E-05	0	0	0	0	0	0	0	9.70646E-11	9.70646E-11	9.70646E-05
578765.014141236.4	578765.01	4141236	3.80686E-05	3.80686E-05	0	0	0	0	0	0	0	1.10698E-10	1.10698E-10	0.000110698
578785.014141236.4	578785.01	4141236	4.40785E-05	4.40785E-05	0	0	0	0	0	0	0	1.28174E-10	1.28174E-10	0.000128174
578805.014141236.4	578805.01	4141236	5.09617E-05	5.09617E-05	0	0	0	0	0	0	0	1.4819E-10	1.4819E-10	0.00014819
578825.014141236.4	578825.01	4141236	5.93766E-05	5.93766E-05	0	0	0	0	0	0	0	1.72659E-10	1.72659E-10	0.000172659
578945.014141236.4	578945.01	4141236	0.000128991	0.000128991	0	0	0	0	0	0	0	3.75089E-10	3.75089E-10	0.000375089
578965.014141236.4	578965.01	4141236	0.000139007	0.000139007	0	0	0	0	0	0	0	4.04213E-10	4.04213E-10	0.000404213
578985.014141236.4	578985.01	4141236	0.000148264	0.000148264	0	0	0	0	0	0	0	4.31132E-10	4.31132E-10	0.000431132
579005.014141236.4	579005.01	4141236	0.000155833	0.000155833	0	0	0	0	0	0	0	4.53142E-10	4.53142E-10	0.000453142
579025.014141236.4	579025.01	4141236	0.000162981	0.000162981	0	0	0	0	0	0	0	4.73925E-10	4.73925E-10	0.000473925
579045.014141236.4	579045.01	4141236	0.000170257	0.000170257	0	0	0	0	0	0	0	4.95083E-10	4.95083E-10	0.000495083
579065.014141236.4	579065.01	4141236	0.00017803	0.00017803	0	0	0	0	0	0	0	5.17687E-10	5.17687E-10	0.000517687
579085.014141236.4	579085.01	4141236	0.000186919	0.000186919	0	0	0	0	0	0	0	5.43535E-10	5.43535E-10	0.000543535
579105.014141236.4	579105.01	4141236	0.000196201	0.000196201	0	0	0	0	0	0	0	5.70526E-10	5.70526E-10	0.000570526
579125.014141236.4	579125.01	4141236	0.000206378	0.000206378	0	0	0	0	0	0	0	6.00118E-10	6.00118E-10	0.000600118
579145.014141236.4	579145.01	4141236	0.000217369	0.000217369	0	0	0	0	0	0	0	6.3208E-10	6.3208E-10	0.00063208
579165.014141236.4	579165.01	4141236	0.000229684	0.000229684	0	0	0	0	0	0	0	6.67889E-10	6.67889E-10	0.000667889
579185.014141236.4	579185.01	4141236	0.00024312	0.00024312	0	0	0	0	0	0	0	7.06961E-10	7.06961E-10	0.000706961
579205.014141236.4	579205.01	4141236	0.000258194	0.000258194	0	0	0	0	0	0	0	7.50794E-10	7.50794E-10	0.000750794
579225.014141236.4	579225.01	4141236	0.00027546	0.00027546	0	0	0	0	0	0	0	8.01E-10	8.01E-10	0.000801
579245.014141236.4	579245.01	4141236	0.000293017	0.000293017	0	0	0	0	0	0	0	8.52053E-10	8.52053E-10	0.000852053
578385.014141256.4	578385.01	4141256	7.26994E-06	7.26994E-06	0	0	0	0	0	0	0	2.114E-11	2.114E-11	2.114E-05
578405.014141256.4	578405.01	4141256	7.92066E-06	7.92066E-06	0	0	0	0	0	0	0	2.30322E-11	2.30322E-11	2.30322E-05
578425.014141256.4	578425.01	4141256	8.43172E-06	8.43172E-06	0	0	0	0	0	0	0	2.45183E-11	2.45183E-11	2.45183E-05
578445.014141256.4	578445.01	4141256	8.87372E-06	8.87372E-06	0	0	0	0	0	0	0	2.58036E-11	2.58036E-11	2.58036E-05
578465.014141256.4	578465.01	4141256	9.36483E-06	9.36483E-06	0	0	0	0	0	0	0	2.72316E-11	2.72316E-11	2.72316E-05
578485.014141256.4	578485.01	4141256	9.95262E-06	9.95262E-06	0	0	0	0	0	0	0	2.89409E-11	2.89409E-11	2.89409E-05
578505.014141256.4	578505.01	4141256	1.07691E-05	1.07691E-05	0	0	0	0	0	0	0	3.13151E-11	3.13151E-11	3.13151E-05
578525.014141256.4	578525.01	4141256	1.22562E-05	1.22562E-05	0	0	0	0	0	0	0	3.56394E-11	3.56394E-11	3.56394E-05
578545.014141256.4	578545.01	4141256	1.25171E-05	1.25171E-05	0	0	0	0	0	0	0	3.63981E-11	3.63981E-11	3.63981E-05
578565.014141256.4	578565.01	4141256	1.41946E-05	1.41946E-05	0	0	0	0	0	0	0	4.12759E-11	4.12759E-11	4.12759E-05
578585.014141256.4	578585.01	4141256	1.5473E-05	1.5473E-05	0	0	0	0	0	0	0	4.49934E-11	4.49934E-11	4.49934E-05

578605.014141256.4	578605.01	4141256	1.68358E-05	1.68358E-05	0	0	0	0	0	0	0	4.89563E-11	4.89563E-11	4.89563E-05
578625.014141256.4	578625.01	4141256	1.8194E-05	1.8194E-05	0	0	0	0	0	0	0	5.29058E-11	5.29058E-11	5.29058E-05
578645.014141256.4	578645.01	4141256	1.98669E-05	1.98669E-05	0	0	0	0	0	0	0	5.77702E-11	5.77702E-11	5.77702E-05
578665.014141256.4	578665.01	4141256	2.20615E-05	2.20615E-05	0	0	0	0	0	0	0	6.41519E-11	6.41519E-11	6.41519E-05
578685.014141256.4	578685.01	4141256	2.45339E-05	2.45339E-05	0	0	0	0	0	0	0	7.13414E-11	7.13414E-11	7.13414E-05
578705.014141256.4	578705.01	4141256	2.75665E-05	2.75665E-05	0	0	0	0	0	0	0	8.01598E-11	8.01598E-11	8.01598E-05
578725.014141256.4	578725.01	4141256	3.09659E-05	3.09659E-05	0	0	0	0	0	0	0	9.00447E-11	9.00447E-11	9.00447E-05
578745.014141256.4	578745.01	4141256	3.50391E-05	3.50391E-05	0	0	0	0	0	0	0	1.01889E-10	1.01889E-10	0.000101889
578765.014141256.4	578765.01	4141256	4.01665E-05	4.01665E-05	0	0	0	0	0	0	0	1.16799E-10	1.16799E-10	0.000116799
578785.014141256.4	578785.01	4141256	4.66492E-05	4.66492E-05	0	0	0	0	0	0	0	1.35649E-10	1.35649E-10	0.000135649
578805.014141256.4	578805.01	4141256	5.48108E-05	5.48108E-05	0	0	0	0	0	0	0	1.59382E-10	1.59382E-10	0.000159382
578965.014141256.4	578965.01	4141256	0.000152311	0.000152311	0	0	0	0	0	0	0	4.429E-10	4.429E-10	0.0004429
578985.014141256.4	578985.01	4141256	0.000161277	0.000161277	0	0	0	0	0	0	0	4.68972E-10	4.68972E-10	0.000468972
579005.014141256.4	579005.01	4141256	0.000169575	0.000169575	0	0	0	0	0	0	0	4.93102E-10	4.93102E-10	0.000493102
579025.014141256.4	579025.01	4141256	0.000176577	0.000176577	0	0	0	0	0	0	0	5.13461E-10	5.13461E-10	0.000513461
579045.014141256.4	579045.01	4141256	0.000184156	0.000184156	0	0	0	0	0	0	0	5.35502E-10	5.35502E-10	0.000535502
579065.014141256.4	579065.01	4141256	0.000192492	0.000192492	0	0	0	0	0	0	0	5.59739E-10	5.59739E-10	0.000559739
579085.014141256.4	579085.01	4141256	0.000202157	0.000202157	0	0	0	0	0	0	0	5.87846E-10	5.87846E-10	0.000587846
579105.014141256.4	579105.01	4141256	0.000212005	0.000212005	0	0	0	0	0	0	0	6.16483E-10	6.16483E-10	0.000616483
579125.014141256.4	579125.01	4141256	0.000223186	0.000223186	0	0	0	0	0	0	0	6.48994E-10	6.48994E-10	0.000648994
579145.014141256.4	579145.01	4141256	0.000235774	0.000235774	0	0	0	0	0	0	0	6.85597E-10	6.85597E-10	0.000685597
579165.014141256.4	579165.01	4141256	0.000250019	0.000250019	0	0	0	0	0	0	0	7.27021E-10	7.27021E-10	0.000727021
579185.014141256.4	579185.01	4141256	0.000266069	0.000266069	0	0	0	0	0	0	0	7.73692E-10	7.73692E-10	0.000773692
579205.014141256.4	579205.01	4141256	0.000283641	0.000283641	0	0	0	0	0	0	0	8.2479E-10	8.2479E-10	0.00082479
579225.014141256.4	579225.01	4141256	0.0003031	0.0003031	0	0	0	0	0	0	0	8.81373E-10	8.81373E-10	0.000881373
579245.014141256.4	579245.01	4141256	0.000324247	0.000324247	0	0	0	0	0	0	0	9.42866E-10	9.42866E-10	0.000942866
579265.014141256.4	579265.01	4141256	0.000346499	0.000346499	0	0	0	0	0	0	0	1.00757E-09	1.00757E-09	0.001007571
578385.014141276.4	578385.01	4141276	7.95442E-06	7.95442E-06	0	0	0	0	0	0	0	2.31304E-11	2.31304E-11	2.31304E-05
578405.014141276.4	578405.01	4141276	8.05725E-06	8.05725E-06	0	0	0	0	0	0	0	2.34294E-11	2.34294E-11	2.34294E-05
578425.014141276.4	578425.01	4141276	8.56064E-06	8.56064E-06	0	0	0	0	0	0	0	2.48932E-11	2.48932E-11	2.48932E-05
578445.014141276.4	578445.01	4141276	9.10086E-06	9.10086E-06	0	0	0	0	0	0	0	2.64641E-11	2.64641E-11	2.64641E-05
578465.014141276.4	578465.01	4141276	9.5981E-06	9.5981E-06	0	0	0	0	0	0	0	2.791E-11	2.791E-11	2.791E-05
578485.014141276.4	578485.01	4141276	1.01966E-05	1.01966E-05	0	0	0	0	0	0	0	2.96505E-11	2.96505E-11	2.96505E-05
578505.014141276.4	578505.01	4141276	1.09302E-05	1.09302E-05	0	0	0	0	0	0	0	3.17836E-11	3.17836E-11	3.17836E-05
578525.014141276.4	578525.01	4141276	1.17406E-05	1.17406E-05	0	0	0	0	0	0	0	3.414E-11	3.414E-11	3.414E-05
578545.014141276.4	578545.01	4141276	1.26476E-05	1.26476E-05	0	0	0	0	0	0	0	3.67774E-11	3.67774E-11	3.67774E-05
578565.014141276.4	578565.01	4141276	1.43557E-05	1.43557E-05	0	0	0	0	0	0	0	4.17445E-11	4.17445E-11	4.17445E-05
578585.014141276.4	578585.01	4141276	1.57477E-05	1.57477E-05	0	0	0	0	0	0	0	4.57922E-11	4.57922E-11	4.57922E-05
578605.014141276.4	578605.01	4141276	1.71566E-05	1.71566E-05	0	0	0	0	0	0	0	4.9889E-11	4.9889E-11	4.9889E-05
578625.014141276.4	578625.01	4141276	1.87972E-05	1.87972E-05	0	0	0	0	0	0	0	5.46596E-11	5.46596E-11	5.46596E-05
578645.014141276.4	578645.01	4141276	2.0513E-05	2.0513E-05	0	0	0	0	0	0	0	5.9649E-11	5.9649E-11	5.9649E-05
578665.014141276.4	578665.01	4141276	2.26739E-05	2.26739E-05	0	0	0	0	0	0	0	6.59325E-11	6.59325E-11	6.59325E-05
578685.014141276.4	578685.01	4141276	2.53289E-05	2.53289E-05	0	0	0	0	0	0	0	7.36531E-11	7.36531E-11	7.36531E-05
578705.014141276.4	578705.01	4141276	2.85273E-05	2.85273E-05	0	0	0	0	0	0	0	8.29534E-11	8.29534E-11	8.29534E-05
578725.014141276.4	578725.01	4141276	3.24147E-05	3.24147E-05	0	0	0	0	0	0	0	9.42575E-11	9.42575E-11	9.42575E-05
578745.014141276.4	578745.01	4141276	3.68715E-05	3.68715E-05	0	0	0	0	0	0	0	1.07217E-10	1.07217E-10	0.000107217
578765.014141276.4	578765.01	4141276	4.26328E-05	4.26328E-05	0	0	0	0	0	0	0	1.2397E-10	1.2397E-10	0.00012397
578785.014141276.4	578785.01	4141276	4.98199E-05	4.98199E-05	0	0	0	0	0	0	0	1.44869E-10	1.44869E-10	0.000144869
578985.014141276.4	578985.01	4141276	0.000176141	0.000176141	0	0	0	0	0	0	0	5.12193E-10	5.12193E-10	0.000512193
579005.014141276.4	579005.01	4141276	0.00018417	0.00018417	0	0	0	0	0	0	0	5.35542E-10	5.35542E-10	0.000535542
579025.014141276.4	579025.01	4141276	0.000192071	0.000192071	0	0	0	0	0	0	0	5.58516E-10	5.58516E-10	0.000558516
579045.014141276.4	579045.01	4141276	0.000199875	0.000199875	0	0	0	0	0	0	0	5.8121E-10	5.8121E-10	0.00058121
579065.014141276.4	579065.01	4141276	0.000209122	0.000209122	0	0	0	0	0	0	0	6.08098E-10	6.08098E-10	0.000608098
579085.014141276.4	579085.01	4141276	0.000218628	0.000218628	0	0	0	0	0	0	0	6.3574E-10	6.3574E-10	0.00063574
579105.014141276.4	579105.01	4141276	0.000229972	0.000229972	0	0	0	0	0	0	0	6.68728E-10	6.68728E-10	0.000668728
579125.014141276.4	579125.01	4141276	0.000242786	0.000242786	0	0	0	0	0	0	0	7.05988E-10	7.05988E-10	0.000705988
579145.014141276.4	579145.01	4141276	0.000257651	0.000257651	0	0	0	0	0	0	0	7.49214E-10	7.49214E-10	0.000749214
579165.014141276.4	579165.01	4141276	0.000274046	0.000274046	0	0	0	0	0	0	0	7.96889E-10	7.96889E-10	0.000796889
579185.014141276.4	579185.01	4141276	0.000292334	0.000292334	0	0	0	0	0	0	0	8.50067E-10	8.50067E-10	0.000850067
579205.014141276.4	579205.01	4141276	0.000312776	0.000312776	0	0	0	0	0	0	0	9.09511E-10	9.09511E-10	0.000909511
579225.014141276.4	579225.01	4141276	0.000335551	0.000335551	0	0	0	0	0	0	0	9.75738E-10	9.75738E-10	0.000975738
579245.014141276.4	579245.01	4141276	0.000360357	0.000360357	0	0	0	0	0	0	0	1.04787E-09	1.04787E-09	0.001047869
579265.014141276.4	579265.01	4141276	0.000388392	0.000388392	0	0	0	0	0	0	0	1.12939E-09	1.12939E-09	0.00112939
578385.014141296.4	578385.01	4141296	7.79328E-06	7.79328E-06	0	0	0	0	0	0	0	2.26618E-11	2.26618E-11	2.26618E-05
578405.014141296.4	578405.01	4141296	9.20368E-06	9.20368E-06	0	0	0	0	0	0	0	2.67631E-11	2.67631E-11	2.67631E-05
578425.014141296.4	578425.01	4141296	8.73406E-06	8.73406E-06	0	0	0	0	0	0	0	2.53975E-11	2.53975E-11	2.53975E-05

578445.014141296.4:	578445.01	4141296	9.23744E-06	9.23744E-06	0	0	0	0	0	0	0	2.68612E-11	2.68612E-11	2.68612E-05
578465.014141296.4:	578465.01	4141296	9.89584E-06	9.89584E-06	0	0	0	0	0	0	0	2.87758E-11	2.87758E-11	2.87758E-05
578485.014141296.4:	578485.01	4141296	1.05327E-05	1.05327E-05	0	0	0	0	0	0	0	3.06278E-11	3.06278E-11	3.06278E-05
578505.014141296.4:	578505.01	4141296	1.12019E-05	1.12019E-05	0	0	0	0	0	0	0	3.25735E-11	3.25735E-11	3.25735E-05
578525.014141296.4:	578525.01	4141296	1.19846E-05	1.19846E-05	0	0	0	0	0	0	0	3.48495E-11	3.48495E-11	3.48495E-05
578545.014141296.4:	578545.01	4141296	1.29131E-05	1.29131E-05	0	0	0	0	0	0	0	3.75495E-11	3.75495E-11	3.75495E-05
578565.014141296.4:	578565.01	4141296	1.44892E-05	1.44892E-05	0	0	0	0	0	0	0	4.21327E-11	4.21327E-11	4.21327E-05
578585.014141296.4:	578585.01	4141296	1.59994E-05	1.59994E-05	0	0	0	0	0	0	0	4.65241E-11	4.65241E-11	4.65241E-05
578605.014141296.4:	578605.01	4141296	1.74804E-05	1.74804E-05	0	0	0	0	0	0	0	5.08306E-11	5.08306E-11	5.08306E-05
578625.014141296.4:	578625.01	4141296	1.92668E-05	1.92668E-05	0	0	0	0	0	0	0	5.60252E-11	5.60252E-11	5.60252E-05
578645.014141296.4:	578645.01	4141296	2.12343E-05	2.12343E-05	0	0	0	0	0	0	0	6.17465E-11	6.17465E-11	6.17465E-05
578665.014141296.4:	578665.01	4141296	2.33921E-05	2.33921E-05	0	0	0	0	0	0	0	6.80211E-11	6.80211E-11	6.80211E-05
578685.014141296.4:	578685.01	4141296	2.61362E-05	2.61362E-05	0	0	0	0	0	0	0	7.60005E-11	7.60005E-11	7.60005E-05
578705.014141296.4:	578705.01	4141296	2.95601E-05	2.95601E-05	0	0	0	0	0	0	0	8.59569E-11	8.59569E-11	8.59569E-05
578725.014141296.4:	578725.01	4141296	3.37407E-05	3.37407E-05	0	0	0	0	0	0	0	9.81134E-11	9.81134E-11	9.81134E-05
578745.014141296.4:	578745.01	4141296	3.88789E-05	3.88789E-05	0	0	0	0	0	0	0	1.13055E-10	1.13055E-10	0.000113055
579005.014141296.4:	579005.01	4141296	0.000200549	0.000200549	0	0	0	0	0	0	0	5.83169E-10	5.83169E-10	0.000583169
579025.014141296.4:	579025.01	4141296	0.000208746	0.000208746	0	0	0	0	0	0	0	6.07004E-10	6.07004E-10	0.000607004
579045.014141296.4:	579045.01	4141296	0.000217345	0.000217345	0	0	0	0	0	0	0	6.32009E-10	6.32009E-10	0.000632009
579065.014141296.4:	579065.01	4141296	0.000226461	0.000226461	0	0	0	0	0	0	0	6.58518E-10	6.58518E-10	0.000658518
579085.014141296.4:	579085.01	4141296	0.000237597	0.000237597	0	0	0	0	0	0	0	6.90899E-10	6.90899E-10	0.000690899
579105.014141296.4:	579105.01	4141296	0.000250984	0.000250984	0	0	0	0	0	0	0	7.29828E-10	7.29828E-10	0.000729828
579125.014141296.4:	579125.01	4141296	0.000265926	0.000265926	0	0	0	0	0	0	0	7.73277E-10	7.73277E-10	0.000773277
579145.014141296.4:	579145.01	4141296	0.000282305	0.000282305	0	0	0	0	0	0	0	8.20903E-10	8.20903E-10	0.000820903
579165.014141296.4:	579165.01	4141296	0.000301874	0.000301874	0	0	0	0	0	0	0	8.77808E-10	8.77808E-10	0.000877808
579185.014141296.4:	579185.01	4141296	0.000322956	0.000322956	0	0	0	0	0	0	0	9.39112E-10	9.39112E-10	0.000939112
579205.014141296.4:	579205.01	4141296	0.000346905	0.000346905	0	0	0	0	0	0	0	1.00875E-09	1.00875E-09	0.001008753
579225.014141296.4:	579225.01	4141296	0.000373938	0.000373938	0	0	0	0	0	0	0	1.08736E-09	1.08736E-09	0.00108736
579245.014141296.4:	579245.01	4141296	0.00040322	0.00040322	0	0	0	0	0	0	0	1.17251E-09	1.17251E-09	0.001172509
579265.014141296.4:	579265.01	4141296	0.000437822	0.000437822	0	0	0	0	0	0	0	1.27313E-09	1.27313E-09	0.001273126
579285.014141296.4:	579285.01	4141296	0.000475634	0.000475634	0	0	0	0	0	0	0	1.38308E-09	1.38308E-09	0.001383079
578385.014141316.4:	578385.01	4141316	7.99279E-06	7.99279E-06	0	0	0	0	0	0	0	2.3242E-11	2.3242E-11	2.3242E-05
578405.014141316.4:	578405.01	4141316	8.41177E-06	8.41177E-06	0	0	0	0	0	0	0	2.44603E-11	2.44603E-11	2.44603E-05
578425.014141316.4:	578425.01	4141316	9.94341E-06	9.94341E-06	0	0	0	0	0	0	0	2.89141E-11	2.89141E-11	2.89141E-05
578445.014141316.4:	578445.01	4141316	9.55206E-06	9.55206E-06	0	0	0	0	0	0	0	2.77761E-11	2.77761E-11	2.77761E-05
578465.014141316.4:	578465.01	4141316	9.98332E-06	9.98332E-06	0	0	0	0	0	0	0	2.90301E-11	2.90301E-11	2.90301E-05
578485.014141316.4:	578485.01	4141316	1.07154E-05	1.07154E-05	0	0	0	0	0	0	0	3.11589E-11	3.11589E-11	3.11589E-05
578505.014141316.4:	578505.01	4141316	1.19186E-05	1.19186E-05	0	0	0	0	0	0	0	3.46576E-11	3.46576E-11	3.46576E-05
578525.014141316.4:	578525.01	4141316	1.31249E-05	1.31249E-05	0	0	0	0	0	0	0	3.81654E-11	3.81654E-11	3.81654E-05
578545.014141316.4:	578545.01	4141316	1.39582E-05	1.39582E-05	0	0	0	0	0	0	0	4.05886E-11	4.05886E-11	4.05886E-05
578565.014141316.4:	578565.01	4141316	1.51446E-05	1.51446E-05	0	0	0	0	0	0	0	4.40383E-11	4.40383E-11	4.40383E-05
578585.014141316.4:	578585.01	4141316	1.63785E-05	1.63785E-05	0	0	0	0	0	0	0	4.76264E-11	4.76264E-11	4.76264E-05
578605.014141316.4:	578605.01	4141316	1.79116E-05	1.79116E-05	0	0	0	0	0	0	0	5.20846E-11	5.20846E-11	5.20846E-05
578625.014141316.4:	578625.01	4141316	1.97195E-05	1.97195E-05	0	0	0	0	0	0	0	5.73418E-11	5.73418E-11	5.73418E-05
578645.014141316.4:	578645.01	4141316	2.18958E-05	2.18958E-05	0	0	0	0	0	0	0	6.36699E-11	6.36699E-11	6.36699E-05
578665.014141316.4:	578665.01	4141316	2.42592E-05	2.42592E-05	0	0	0	0	0	0	0	7.05425E-11	7.05425E-11	7.05425E-05
578685.014141316.4:	578685.01	4141316	2.71031E-05	2.71031E-05	0	0	0	0	0	0	0	7.8812E-11	7.8812E-11	7.8812E-05
578705.014141316.4:	578705.01	4141316	3.06728E-05	3.06728E-05	0	0	0	0	0	0	0	8.91923E-11	8.91923E-11	8.91923E-05
578725.014141316.4:	578725.01	4141316	3.51971E-05	3.51971E-05	0	0	0	0	0	0	0	1.02348E-10	1.02348E-10	0.000102348
579025.014141316.4:	579025.01	4141316	0.000226884	0.000226884	0	0	0	0	0	0	0	6.59749E-10	6.59749E-10	0.000659749
579045.014141316.4:	579045.01	4141316	0.000236054	0.000236054	0	0	0	0	0	0	0	6.86414E-10	6.86414E-10	0.000686414
579065.014141316.4:	579065.01	4141316	0.000246797	0.000246797	0	0	0	0	0	0	0	7.17653E-10	7.17653E-10	0.000717653
579085.014141316.4:	579085.01	4141316	0.000260034	0.000260034	0	0	0	0	0	0	0	7.56144E-10	7.56144E-10	0.000756144
579105.014141316.4:	579105.01	4141316	0.000275618	0.000275618	0	0	0	0	0	0	0	8.01459E-10	8.01459E-10	0.000801459
579125.014141316.4:	579125.01	4141316	0.000292705	0.000292705	0	0	0	0	0	0	0	8.51147E-10	8.51147E-10	0.000851147
579145.014141316.4:	579145.01	4141316	0.000311808	0.000311808	0	0	0	0	0	0	0	9.06695E-10	9.06695E-10	0.000906695
579165.014141316.4:	579165.01	4141316	0.000334454	0.000334454	0	0	0	0	0	0	0	9.72547E-10	9.72547E-10	0.000972547
579185.014141316.4:	579185.01	4141316	0.000359794	0.000359794	0	0	0	0	0	0	0	1.04623E-09	1.04623E-09	0.001046232
579205.014141316.4:	579205.01	4141316	0.000387775	0.000387775	0	0	0	0	0	0	0	1.1276E-09	1.1276E-09	0.001127596
579225.014141316.4:	579225.01	4141316	0.000420088	0.000420088	0	0	0	0	0	0	0	1.22156E-09	1.22156E-09	0.001221559
579245.014141316.4:	579245.01	4141316	0.000458152	0.000458152	0	0	0	0	0	0	0	1.33224E-09	1.33224E-09	0.001332244
579265.014141316.4:	579265.01	4141316	0.000501781	0.000501781	0	0	0	0	0	0	0	1.45911E-09	1.45911E-09	0.001459111
579285.014141316.4:	579285.01	4141316	0.000549573	0.000549573	0	0	0	0	0	0	0	1.59809E-09	1.59809E-09	0.001598085
578385.014141336.4:	578385.01	4141336	8.15547E-06	8.15547E-06	0	0	0	0	0	0	0	2.3715E-11	2.3715E-11	2.3715E-05
578405.014141336.4:	578405.01	4141336	8.56677E-06	8.56677E-06	0	0	0	0	0	0	0	2.4911E-11	2.4911E-11	2.4911E-05
578425.014141336.4:	578425.01	4141336	9.04407E-06	9.04407E-06	0	0	0	0	0	0	0	2.62989E-11	2.62989E-11	2.62989E-05

578445.014141336.4:	578445.01	4141336	1.01706E-05	1.01706E-05	0	0	0	0	0	0	0	2.95746E-11	2.95746E-11	2.95746E-05
578465.014141336.4:	578465.01	4141336	1.14152E-05	1.14152E-05	0	0	0	0	0	0	0	3.31939E-11	3.31939E-11	3.31939E-05
578485.014141336.4:	578485.01	4141336	1.09471E-05	1.09471E-05	0	0	0	0	0	0	0	3.18327E-11	3.18327E-11	3.18327E-05
578505.014141336.4:	578505.01	4141336	1.16638E-05	1.16638E-05	0	0	0	0	0	0	0	3.39168E-11	3.39168E-11	3.39168E-05
578525.014141336.4:	578525.01	4141336	1.34011E-05	1.34011E-05	0	0	0	0	0	0	0	3.89687E-11	3.89687E-11	3.89687E-05
578545.014141336.4:	578545.01	4141336	1.44555E-05	1.44555E-05	0	0	0	0	0	0	0	4.20346E-11	4.20346E-11	4.20346E-05
578565.014141336.4:	578565.01	4141336	1.55083E-05	1.55083E-05	0	0	0	0	0	0	0	4.5096E-11	4.5096E-11	4.5096E-05
578585.014141336.4:	578585.01	4141336	1.6776E-05	1.6776E-05	0	0	0	0	0	0	0	4.87822E-11	4.87822E-11	4.87822E-05
578605.014141336.4:	578605.01	4141336	1.83506E-05	1.83506E-05	0	0	0	0	0	0	0	5.3361E-11	5.3361E-11	5.3361E-05
578625.014141336.4:	578625.01	4141336	2.0272E-05	2.0272E-05	0	0	0	0	0	0	0	5.89483E-11	5.89483E-11	5.89483E-05
578645.014141336.4:	578645.01	4141336	2.23593E-05	2.23593E-05	0	0	0	0	0	0	0	6.50177E-11	6.50177E-11	6.50177E-05
578665.014141336.4:	578665.01	4141336	2.50895E-05	2.50895E-05	0	0	0	0	0	0	0	7.29569E-11	7.29569E-11	7.29569E-05
578685.014141336.4:	578685.01	4141336	2.81068E-05	2.81068E-05	0	0	0	0	0	0	0	8.17306E-11	8.17306E-11	8.17306E-05
578705.014141336.4:	578705.01	4141336	3.19497E-05	3.19497E-05	0	0	0	0	0	0	0	9.29053E-11	9.29053E-11	9.29053E-05
579025.014141336.4:	579025.01	4141336	0.000247668	0.000247668	0	0	0	0	0	0	0	7.20184E-10	7.20184E-10	0.000720184
579045.014141336.4:	579045.01	4141336	0.000257841	0.000257841	0	0	0	0	0	0	0	7.49767E-10	7.49767E-10	0.000749767
579065.014141336.4:	579065.01	4141336	0.000270673	0.000270673	0	0	0	0	0	0	0	7.8708E-10	7.8708E-10	0.00078708
579085.014141336.4:	579085.01	4141336	0.000286224	0.000286224	0	0	0	0	0	0	0	8.32301E-10	8.32301E-10	0.000832301
579105.014141336.4:	579105.01	4141336	0.00030411	0.00030411	0	0	0	0	0	0	0	8.8431E-10	8.8431E-10	0.00088431
579125.014141336.4:	579125.01	4141336	0.000324478	0.000324478	0	0	0	0	0	0	0	9.43539E-10	9.43539E-10	0.000943539
579145.014141336.4:	579145.01	4141336	0.000347975	0.000347975	0	0	0	0	0	0	0	1.01186E-09	1.01186E-09	0.001011864
579165.014141336.4:	579165.01	4141336	0.00037405	0.00037405	0	0	0	0	0	0	0	1.08769E-09	1.08769E-09	0.001087686
579185.014141336.4:	579185.01	4141336	0.000404491	0.000404491	0	0	0	0	0	0	0	1.1762E-09	1.1762E-09	0.001176204
579205.014141336.4:	579205.01	4141336	0.000437857	0.000437857	0	0	0	0	0	0	0	1.27323E-09	1.27323E-09	0.001273229
579225.014141336.4:	579225.01	4141336	0.000480415	0.000480415	0	0	0	0	0	0	0	1.39698E-09	1.39698E-09	0.001396981
579245.014141336.4:	579245.01	4141336	0.000528078	0.000528078	0	0	0	0	0	0	0	1.53558E-09	1.53558E-09	0.00153558
579265.014141336.4:	579265.01	4141336	0.0005829	0.0005829	0	0	0	0	0	0	0	1.69499E-09	1.69499E-09	0.001694994
579285.014141336.4:	579285.01	4141336	0.00064592	0.00064592	0	0	0	0	0	0	0	1.87825E-09	1.87825E-09	0.001878247
578385.014141356.4:	578385.01	4141356	8.4133E-06	8.4133E-06	0	0	0	0	0	0	0	2.44647E-11	2.44647E-11	2.44647E-05
578405.014141356.4:	578405.01	4141356	8.87679E-06	8.87679E-06	0	0	0	0	0	0	0	2.58125E-11	2.58125E-11	2.58125E-05
578425.014141356.4:	578425.01	4141356	9.40166E-06	9.40166E-06	0	0	0	0	0	0	0	2.73388E-11	2.73388E-11	2.73388E-05
578445.014141356.4:	578445.01	4141356	9.92039E-06	9.92039E-06	0	0	0	0	0	0	0	2.88472E-11	2.88472E-11	2.88472E-05
578465.014141356.4:	578465.01	4141356	1.05327E-05	1.05327E-05	0	0	0	0	0	0	0	3.06278E-11	3.06278E-11	3.06278E-05
578485.014141356.4:	578485.01	4141356	1.23483E-05	1.23483E-05	0	0	0	0	0	0	0	3.59072E-11	3.59072E-11	3.59072E-05
578505.014141356.4:	578505.01	4141356	1.30758E-05	1.30758E-05	0	0	0	0	0	0	0	3.80226E-11	3.80226E-11	3.80226E-05
578525.014141356.4:	578525.01	4141356	1.36881E-05	1.36881E-05	0	0	0	0	0	0	0	3.98032E-11	3.98032E-11	3.98032E-05
578545.014141356.4:	578545.01	4141356	1.47747E-05	1.47747E-05	0	0	0	0	0	0	0	4.29628E-11	4.29628E-11	4.29628E-05
578565.014141356.4:	578565.01	4141356	1.60132E-05	1.60132E-05	0	0	0	0	0	0	0	4.65642E-11	4.65642E-11	4.65642E-05
578585.014141356.4:	578585.01	4141356	1.72763E-05	1.72763E-05	0	0	0	0	0	0	0	5.02371E-11	5.02371E-11	5.02371E-05
578605.014141356.4:	578605.01	4141356	1.88985E-05	1.88985E-05	0	0	0	0	0	0	0	5.49542E-11	5.49542E-11	5.49542E-05
578625.014141356.4:	578625.01	4141356	2.07647E-05	2.07647E-05	0	0	0	0	0	0	0	6.03809E-11	6.03809E-11	6.03809E-05
578645.014141356.4:	578645.01	4141356	2.29823E-05	2.29823E-05	0	0	0	0	0	0	0	6.68295E-11	6.68295E-11	6.68295E-05
578665.014141356.4:	578665.01	4141356	2.57771E-05	2.57771E-05	0	0	0	0	0	0	0	7.49562E-11	7.49562E-11	7.49562E-05
578685.014141356.4:	578685.01	4141356	2.91365E-05	2.91365E-05	0	0	0	0	0	0	0	8.47251E-11	8.47251E-11	8.47251E-05
579025.014141356.4:	579025.01	4141356	0.000271896	0.000271896	0	0	0	0	0	0	0	7.90637E-10	7.90637E-10	0.000790637
579045.014141356.4:	579045.01	4141356	0.000283574	0.000283574	0	0	0	0	0	0	0	8.24594E-10	8.24594E-10	0.000824594
579065.014141356.4:	579065.01	4141356	0.000298416	0.000298416	0	0	0	0	0	0	0	8.67753E-10	8.67753E-10	0.000867753
579085.014141356.4:	579085.01	4141356	0.000316559	0.000316559	0	0	0	0	0	0	0	9.20512E-10	9.20512E-10	0.000920512
579105.014141356.4:	579105.01	4141356	0.000337731	0.000337731	0	0	0	0	0	0	0	9.82075E-10	9.82075E-10	0.000982075
579125.014141356.4:	579125.01	4141356	0.000362334	0.000362334	0	0	0	0	0	0	0	1.05362E-09	1.05362E-09	0.001053617
579145.014141356.4:	579145.01	4141356	0.00039039	0.00039039	0	0	0	0	0	0	0	1.1352E-09	1.1352E-09	0.001135201
579165.014141356.4:	579165.01	4141356	0.000421867	0.000421867	0	0	0	0	0	0	0	1.22673E-09	1.22673E-09	0.001226732
579185.014141356.4:	579185.01	4141356	0.000459302	0.000459302	0	0	0	0	0	0	0	1.33559E-09	1.33559E-09	0.001335587
579205.014141356.4:	579205.01	4141356	0.000503211	0.000503211	0	0	0	0	0	0	0	1.46327E-09	1.46327E-09	0.00146327
579225.014141356.4:	579225.01	4141356	0.000555616	0.000555616	0	0	0	0	0	0	0	1.61565E-09	1.61565E-09	0.001615655
579245.014141356.4:	579245.01	4141356	0.000616861	0.000616861	0	0	0	0	0	0	0	1.79375E-09	1.79375E-09	0.00179375
579265.014141356.4:	579265.01	4141356	0.000689613	0.000689613	0	0	0	0	0	0	0	2.0053E-09	2.0053E-09	0.002005301
579285.014141356.4:	579285.01	4141356	0.000772778	0.000772778	0	0	0	0	0	0	0	2.24713E-09	2.24713E-09	0.002247133
579305.014141356.4:	579305.01	4141356	0.000871478	0.000871478	0	0	0	0	0	0	0	2.53414E-09	2.53414E-09	0.002534141
578385.014141376.4:	578385.01	4141376	8.60975E-06	8.60975E-06	0	0	0	0	0	0	0	2.5036E-11	2.5036E-11	2.5036E-05
578405.014141376.4:	578405.01	4141376	9.79762E-06	9.79762E-06	0	0	0	0	0	0	0	2.84901E-11	2.84901E-11	2.84901E-05
578425.014141376.4:	578425.01	4141376	1.03424E-05	1.03424E-05	0	0	0	0	0	0	0	3.00744E-11	3.00744E-11	3.00744E-05
578445.014141376.4:	578445.01	4141376	1.09978E-05	1.09978E-05	0	0	0	0	0	0	0	3.198E-11	3.198E-11	3.198E-05
578465.014141376.4:	578465.01	4141376	1.16178E-05	1.16178E-05	0	0	0	0	0	0	0	3.37829E-11	3.37829E-11	3.37829E-05
578485.014141376.4:	578485.01	4141376	1.20291E-05	1.20291E-05	0	0	0	0	0	0	0	3.4979E-11	3.4979E-11	3.4979E-05
578505.014141376.4:	578505.01	4141376	1.31709E-05	1.31709E-05	0	0	0	0	0	0	0	3.82992E-11	3.82992E-11	3.82992E-05

578525.014141376.4:	578525.01	4141376	1.4411E-05	1.4411E-05	0	0	0	0	0	0	0	4.19051E-11	4.19051E-11	4.19051E-05
578545.014141376.4:	578545.01	4141376	1.51031E-05	1.51031E-05	0	0	0	0	0	0	0	4.39178E-11	4.39178E-11	4.39178E-05
578565.014141376.4:	578565.01	4141376	1.64276E-05	1.64276E-05	0	0	0	0	0	0	0	4.77692E-11	4.77692E-11	4.77692E-05
578585.014141376.4:	578585.01	4141376	1.78871E-05	1.78871E-05	0	0	0	0	0	0	0	5.20132E-11	5.20132E-11	5.20132E-05
578605.014141376.4:	578605.01	4141376	1.95292E-05	1.95292E-05	0	0	0	0	0	0	0	5.67884E-11	5.67884E-11	5.67884E-05
578625.014141376.4:	578625.01	4141376	2.14261E-05	2.14261E-05	0	0	0	0	0	0	0	6.23043E-11	6.23043E-11	6.23043E-05
578645.014141376.4:	578645.01	4141376	2.37313E-05	2.37313E-05	0	0	0	0	0	0	0	6.90074E-11	6.90074E-11	6.90074E-05
578665.014141376.4:	578665.01	4141376	2.65874E-05	2.65874E-05	0	0	0	0	0	0	0	7.73125E-11	7.73125E-11	7.73125E-05
578685.014141376.4:	578685.01	4141376	3.0283E-05	3.0283E-05	0	0	0	0	0	0	0	8.80588E-11	8.80588E-11	8.80588E-05
579005.014141376.4:	579005.01	4141376	0.000289931	0.000289931	0	0	0	0	0	0	0	8.43079E-10	8.43079E-10	0.000843079
579025.014141376.4:	579025.01	4141376	0.00029915	0.00029915	0	0	0	0	0	0	0	8.69886E-10	8.69886E-10	0.000869886
579045.014141376.4:	579045.01	4141376	0.000312529	0.000312529	0	0	0	0	0	0	0	9.08793E-10	9.08793E-10	0.000908793
579065.014141376.4:	579065.01	4141376	0.000330507	0.000330507	0	0	0	0	0	0	0	9.61069E-10	9.61069E-10	0.000961069
579085.014141376.4:	579085.01	4141376	0.000352545	0.000352545	0	0	0	0	0	0	0	1.02515E-09	1.02515E-09	0.001025154
579105.014141376.4:	579105.01	4141376	0.00037756	0.00037756	0	0	0	0	0	0	0	1.09789E-09	1.09789E-09	0.001097892
579125.014141376.4:	579125.01	4141376	0.000406886	0.000406886	0	0	0	0	0	0	0	1.18317E-09	1.18317E-09	0.001183171
579145.014141376.4:	579145.01	4141376	0.000441255	0.000441255	0	0	0	0	0	0	0	1.28311E-09	1.28311E-09	0.001283109
579165.014141376.4:	579165.01	4141376	0.000481774	0.000481774	0	0	0	0	0	0	0	1.40093E-09	1.40093E-09	0.001400935
579185.014141376.4:	579185.01	4141376	0.00052947	0.00052947	0	0	0	0	0	0	0	1.53963E-09	1.53963E-09	0.001539628
579205.014141376.4:	579205.01	4141376	0.000585994	0.000585994	0	0	0	0	0	0	0	1.70399E-09	1.70399E-09	0.00170399
579225.014141376.4:	579225.01	4141376	0.000654296	0.000654296	0	0	0	0	0	0	0	1.9026E-09	1.9026E-09	0.001902605
579245.014141376.4:	579245.01	4141376	0.000736379	0.000736379	0	0	0	0	0	0	0	2.14129E-09	2.14129E-09	0.00214129
579265.014141376.4:	579265.01	4141376	0.000831642	0.000831642	0	0	0	0	0	0	0	2.4183E-09	2.4183E-09	0.002418301
579285.014141376.4:	579285.01	4141376	0.000948992	0.000948992	0	0	0	0	0	0	0	2.75954E-09	2.75954E-09	0.00275954
579305.014141376.4:	579305.01	4141376	0.001095784	0.001095784	0	0	0	0	0	0	0	3.18639E-09	3.18639E-09	0.003186392
578385.014141396.4:	578385.01	4141396	9.46765E-06	9.46765E-06	0	0	0	0	0	0	0	2.75306E-11	2.75306E-11	2.75306E-05
578405.014141396.4:	578405.01	4141396	9.9649E-06	9.9649E-06	0	0	0	0	0	0	0	2.89766E-11	2.89766E-11	2.89766E-05
578425.014141396.4:	578425.01	4141396	1.01598E-05	1.01598E-05	0	0	0	0	0	0	0	2.95433E-11	2.95433E-11	2.95433E-05
578445.014141396.4:	578445.01	4141396	1.11205E-05	1.11205E-05	0	0	0	0	0	0	0	3.2337E-11	3.2337E-11	3.2337E-05
578465.014141396.4:	578465.01	4141396	1.19201E-05	1.19201E-05	0	0	0	0	0	0	0	3.46621E-11	3.46621E-11	3.46621E-05
578485.014141396.4:	578485.01	4141396	1.27074E-05	1.27074E-05	0	0	0	0	0	0	0	3.69515E-11	3.69515E-11	3.69515E-05
578505.014141396.4:	578505.01	4141396	1.3438E-05	1.3438E-05	0	0	0	0	0	0	0	3.90758E-11	3.90758E-11	3.90758E-05
578525.014141396.4:	578525.01	4141396	1.46826E-05	1.46826E-05	0	0	0	0	0	0	0	4.2695E-11	4.2695E-11	4.2695E-05
578545.014141396.4:	578545.01	4141396	1.55114E-05	1.55114E-05	0	0	0	0	0	0	0	4.51049E-11	4.51049E-11	4.51049E-05
578565.014141396.4:	578565.01	4141396	1.67422E-05	1.67422E-05	0	0	0	0	0	0	0	4.8684E-11	4.8684E-11	4.8684E-05
578585.014141396.4:	578585.01	4141396	1.82462E-05	1.82462E-05	0	0	0	0	0	0	0	5.30575E-11	5.30575E-11	5.30575E-05
578605.014141396.4:	578605.01	4141396	2.00065E-05	2.00065E-05	0	0	0	0	0	0	0	5.81763E-11	5.81763E-11	5.81763E-05
578625.014141396.4:	578625.01	4141396	2.21091E-05	2.21091E-05	0	0	0	0	0	0	0	6.42902E-11	6.42902E-11	6.42902E-05
578645.014141396.4:	578645.01	4141396	2.45493E-05	2.45493E-05	0	0	0	0	0	0	0	7.1386E-11	7.1386E-11	7.1386E-05
578665.014141396.4:	578665.01	4141396	2.75098E-05	2.75098E-05	0	0	0	0	0	0	0	7.99946E-11	7.99946E-11	7.99946E-05
579005.014141396.4:	579005.01	4141396	0.000319871	0.000319871	0	0	0	0	0	0	0	9.30142E-10	9.30142E-10	0.000930142
579025.014141396.4:	579025.01	4141396	0.000330335	0.000330335	0	0	0	0	0	0	0	9.60569E-10	9.60569E-10	0.000960569
579045.014141396.4:	579045.01	4141396	0.000346239	0.000346239	0	0	0	0	0	0	0	1.00682E-09	1.00682E-09	0.001006817
579065.014141396.4:	579065.01	4141396	0.000367695	0.000367695	0	0	0	0	0	0	0	1.06921E-09	1.06921E-09	0.001069206
579085.014141396.4:	579085.01	4141396	0.000394359	0.000394359	0	0	0	0	0	0	0	1.14674E-09	1.14674E-09	0.001146741
579105.014141396.4:	579105.01	4141396	0.000425728	0.000425728	0	0	0	0	0	0	0	1.23796E-09	1.23796E-09	0.00123796
579125.014141396.4:	579125.01	4141396	0.000463448	0.000463448	0	0	0	0	0	0	0	1.34765E-09	1.34765E-09	0.001347645
579145.014141396.4:	579145.01	4141396	0.000507318	0.000507318	0	0	0	0	0	0	0	1.47521E-09	1.47521E-09	0.001475213
579165.014141396.4:	579165.01	4141396	0.000558496	0.000558496	0	0	0	0	0	0	0	1.62403E-09	1.62403E-09	0.001624032
579185.014141396.4:	579185.01	4141396	0.000620184	0.000620184	0	0	0	0	0	0	0	1.80341E-09	1.80341E-09	0.001803411
579205.014141396.4:	579205.01	4141396	0.000696254	0.000696254	0	0	0	0	0	0	0	2.02461E-09	2.02461E-09	0.002024612
579225.014141396.4:	579225.01	4141396	0.000788297	0.000788297	0	0	0	0	0	0	0	2.29226E-09	2.29226E-09	0.00229226
579245.014141396.4:	579245.01	4141396	0.000900567	0.000900567	0	0	0	0	0	0	0	2.61873E-09	2.61873E-09	0.002618727
579265.014141396.4:	579265.01	4141396	0.001036851	0.001036851	0	0	0	0	0	0	0	3.01502E-09	3.01502E-09	0.003015023
579285.014141396.4:	579285.01	4141396	0.001209178	0.001209178	0	0	0	0	0	0	0	3.51613E-09	3.51613E-09	0.003516127
579305.014141396.4:	579305.01	4141396	0.001433019	0.001433019	0	0	0	0	0	0	0	4.16703E-09	4.16703E-09	0.004167026
578385.014141416.4:	578385.01	4141416	9.60731E-06	9.60731E-06	0	0	0	0	0	0	0	2.79368E-11	2.79368E-11	2.79368E-05
578405.014141416.4:	578405.01	4141416	1.00309E-05	1.00309E-05	0	0	0	0	0	0	0	2.91685E-11	2.91685E-11	2.91685E-05
578425.014141416.4:	578425.01	4141416	1.06939E-05	1.06939E-05	0	0	0	0	0	0	0	3.10964E-11	3.10964E-11	3.10964E-05
578445.014141416.4:	578445.01	4141416	1.13676E-05	1.13676E-05	0	0	0	0	0	0	0	3.30555E-11	3.30555E-11	3.30555E-05
578465.014141416.4:	578465.01	4141416	1.21104E-05	1.21104E-05	0	0	0	0	0	0	0	3.52155E-11	3.52155E-11	3.52155E-05
578485.014141416.4:	578485.01	4141416	1.29944E-05	1.29944E-05	0	0	0	0	0	0	0	3.7786E-11	3.7786E-11	3.7786E-05
578505.014141416.4:	578505.01	4141416	1.38032E-05	1.38032E-05	0	0	0	0	0	0	0	4.01379E-11	4.01379E-11	4.01379E-05
578525.014141416.4:	578525.01	4141416	1.48253E-05	1.48253E-05	0	0	0	0	0	0	0	4.31101E-11	4.31101E-11	4.31101E-05
578545.014141416.4:	578545.01	4141416	1.59871E-05	1.59871E-05	0	0	0	0	0	0	0	4.64884E-11	4.64884E-11	4.64884E-05
578565.014141416.4:	578565.01	4141416	1.71412E-05	1.71412E-05	0	0	0	0	0	0	0	4.98444E-11	4.98444E-11	4.98444E-05

578585.014141416.4:	578585.01	4141416	1.86667E-05	1.86667E-05	0	0	0	0	0	0	0	5.42803E-11	5.42803E-11	5.42803E-05
578605.014141416.4:	578605.01	4141416	2.04838E-05	2.04838E-05	0	0	0	0	0	0	0	5.95642E-11	5.95642E-11	5.95642E-05
578625.014141416.4:	578625.01	4141416	2.26478E-05	2.26478E-05	0	0	0	0	0	0	0	6.58567E-11	6.58567E-11	6.58567E-05
578645.014141416.4:	578645.01	4141416	2.52276E-05	2.52276E-05	0	0	0	0	0	0	0	7.33585E-11	7.33585E-11	7.33585E-05
578665.014141416.4:	578665.01	4141416	2.84904E-05	2.84904E-05	0	0	0	0	0	0	0	8.28463E-11	8.28463E-11	8.28463E-05
579025.014141416.4:	579025.01	4141416	0.000367094	0.000367094	0	0	0	0	0	0	0	1.06746E-09	1.06746E-09	0.001067461
579045.014141416.4:	579045.01	4141416	0.000386949	0.000386949	0	0	0	0	0	0	0	1.1252E-09	1.1252E-09	0.001125195
579065.014141416.4:	579065.01	4141416	0.000413507	0.000413507	0	0	0	0	0	0	0	1.20242E-09	1.20242E-09	0.001202423
579085.014141416.4:	579085.01	4141416	0.000447716	0.000447716	0	0	0	0	0	0	0	1.3019E-09	1.3019E-09	0.001301898
579105.014141416.4:	579105.01	4141416	0.000487789	0.000487789	0	0	0	0	0	0	0	1.41842E-09	1.41842E-09	0.001418424
579125.014141416.4:	579125.01	4141416	0.000535948	0.000535948	0	0	0	0	0	0	0	1.55846E-09	1.55846E-09	0.001558465
579145.014141416.4:	579145.01	4141416	0.000591952	0.000591952	0	0	0	0	0	0	0	1.72131E-09	1.72131E-09	0.001721315
579165.014141416.4:	579165.01	4141416	0.000659106	0.000659106	0	0	0	0	0	0	0	1.91659E-09	1.91659E-09	0.001916591
579185.014141416.4:	579185.01	4141416	0.000741471	0.000741471	0	0	0	0	0	0	0	2.1561E-09	2.1561E-09	0.002156097
579205.014141416.4:	579205.01	4141416	0.000843887	0.000843887	0	0	0	0	0	0	0	2.45391E-09	2.45391E-09	0.002453909
579225.014141416.4:	579225.01	4141416	0.000974964	0.000974964	0	0	0	0	0	0	0	2.83506E-09	2.83506E-09	0.002835063
579245.014141416.4:	579245.01	4141416	0.001138136	0.001138136	0	0	0	0	0	0	0	3.30955E-09	3.30955E-09	0.003309546
579265.014141416.4:	579265.01	4141416	0.001347327	0.001347327	0	0	0	0	0	0	0	3.91784E-09	3.91784E-09	0.003917845
579285.014141416.4:	579285.01	4141416	0.001603807	0.001603807	0	0	0	0	0	0	0	4.66365E-09	4.66365E-09	0.004663653
579305.014141416.4:	579305.01	4141416	0.00198104	0.00198104	0	0	0	0	0	0	0	5.7606E-09	5.7606E-09	0.005760595
578385.014141436.4:	578385.01	4141436	9.75311E-06	9.75311E-06	0	0	0	0	0	0	0	2.83607E-11	2.83607E-11	2.83607E-05
578405.014141436.4:	578405.01	4141436	1.02887E-05	1.02887E-05	0	0	0	0	0	0	0	2.99182E-11	2.99182E-11	2.99182E-05
578425.014141436.4:	578425.01	4141436	1.09087E-05	1.09087E-05	0	0	0	0	0	0	0	3.17212E-11	3.17212E-11	3.17212E-05
578445.014141436.4:	578445.01	4141436	1.16684E-05	1.16684E-05	0	0	0	0	0	0	0	3.39302E-11	3.39302E-11	3.39302E-05
578465.014141436.4:	578465.01	4141436	1.24619E-05	1.24619E-05	0	0	0	0	0	0	0	3.62375E-11	3.62375E-11	3.62375E-05
578485.014141436.4:	578485.01	4141436	1.33428E-05	1.33428E-05	0	0	0	0	0	0	0	3.87991E-11	3.87991E-11	3.87991E-05
578505.014141436.4:	578505.01	4141436	1.4127E-05	1.4127E-05	0	0	0	0	0	0	0	4.10795E-11	4.10795E-11	4.10795E-05
578525.014141436.4:	578525.01	4141436	1.52658E-05	1.52658E-05	0	0	0	0	0	0	0	4.43909E-11	4.43909E-11	4.43909E-05
578545.014141436.4:	578545.01	4141436	1.63938E-05	1.63938E-05	0	0	0	0	0	0	0	4.7671E-11	4.7671E-11	4.7671E-05
578565.014141436.4:	578565.01	4141436	1.76139E-05	1.76139E-05	0	0	0	0	0	0	0	5.12189E-11	5.12189E-11	5.12189E-05
578585.014141436.4:	578585.01	4141436	1.92499E-05	1.92499E-05	0	0	0	0	0	0	0	5.59762E-11	5.59762E-11	5.59762E-05
578605.014141436.4:	578605.01	4141436	2.11023E-05	2.11023E-05	0	0	0	0	0	0	0	6.13627E-11	6.13627E-11	6.13627E-05
578625.014141436.4:	578625.01	4141436	2.33415E-05	2.33415E-05	0	0	0	0	0	0	0	6.78738E-11	6.78738E-11	6.78738E-05
578645.014141436.4:	578645.01	4141436	2.60134E-05	2.60134E-05	0	0	0	0	0	0	0	7.56435E-11	7.56435E-11	7.56435E-05
579025.014141436.4:	579025.01	4141436	0.00041115	0.00041115	0	0	0	0	0	0	0	1.19557E-09	1.19557E-09	0.001195568
579045.014141436.4:	579045.01	4141436	0.000437693	0.000437693	0	0	0	0	0	0	0	1.27275E-09	1.27275E-09	0.001272751
579065.014141436.4:	579065.01	4141436	0.000472539	0.000472539	0	0	0	0	0	0	0	1.37408E-09	1.37408E-09	0.001374078
579085.014141436.4:	579085.01	4141436	0.000516623	0.000516623	0	0	0	0	0	0	0	1.50227E-09	1.50227E-09	0.00150227
579105.014141436.4:	579105.01	4141436	0.000568242	0.000568242	0	0	0	0	0	0	0	1.65237E-09	1.65237E-09	0.00165237
579125.014141436.4:	579125.01	4141436	0.000630499	0.000630499	0	0	0	0	0	0	0	1.83341E-09	1.83341E-09	0.001833406
579145.014141436.4:	579145.01	4141436	0.000705353	0.000705353	0	0	0	0	0	0	0	2.05107E-09	2.05107E-09	0.002051071
579165.014141436.4:	579165.01	4141436	0.000796204	0.000796204	0	0	0	0	0	0	0	2.31525E-09	2.31525E-09	0.002315252
579185.014141436.4:	579185.01	4141436	0.000910844	0.000910844	0	0	0	0	0	0	0	2.64861E-09	2.64861E-09	0.00264861
579205.014141436.4:	579205.01	4141436	0.001059533	0.001059533	0	0	0	0	0	0	0	3.08098E-09	3.08098E-09	0.003080978
579225.014141436.4:	579225.01	4141436	0.001256328	0.001256328	0	0	0	0	0	0	0	3.65323E-09	3.65323E-09	0.003653231
579245.014141436.4:	579245.01	4141436	0.001516345	0.001516345	0	0	0	0	0	0	0	4.40933E-09	4.40933E-09	0.004409326
579265.014141436.4:	579265.01	4141436	0.001848089	0.001848089	0	0	0	0	0	0	0	5.37399E-09	5.37399E-09	0.005373992
579285.014141436.4:	579285.01	4141436	0.001717242	0.001717242	0	0	0	0	0	0	0	4.99351E-09	4.99351E-09	0.004993508
579305.014141436.4:	579305.01	4141436	0.00110628	0.00110628	0	0	0	0	0	0	0	3.21691E-09	3.21691E-09	0.003216913
579325.014141436.4:	579325.01	4141436	0.001340889	0.001340889	0	0	0	0	0	0	0	3.89912E-09	3.89912E-09	0.003899123
578385.014141456.4:	578385.01	4141456	9.98485E-06	9.98485E-06	0	0	0	0	0	0	0	2.90346E-11	2.90346E-11	2.90346E-05
578405.014141456.4:	578405.01	4141456	1.05097E-05	1.05097E-05	0	0	0	0	0	0	0	3.05608E-11	3.05608E-11	3.05608E-05
578425.014141456.4:	578425.01	4141456	1.1119E-05	1.1119E-05	0	0	0	0	0	0	0	3.23326E-11	3.23326E-11	3.23326E-05
578445.014141456.4:	578445.01	4141456	1.18633E-05	1.18633E-05	0	0	0	0	0	0	0	3.4497E-11	3.4497E-11	3.4497E-05
578465.014141456.4:	578465.01	4141456	1.26783E-05	1.26783E-05	0	0	0	0	0	0	0	3.68667E-11	3.68667E-11	3.68667E-05
578485.014141456.4:	578485.01	4141456	1.36252E-05	1.36252E-05	0	0	0	0	0	0	0	3.96202E-11	3.96202E-11	3.96202E-05
578505.014141456.4:	578505.01	4141456	1.44355E-05	1.44355E-05	0	0	0	0	0	0	0	4.19765E-11	4.19765E-11	4.19765E-05
578525.014141456.4:	578525.01	4141456	1.574E-05	1.574E-05	0	0	0	0	0	0	0	4.57699E-11	4.57699E-11	4.57699E-05
578545.014141456.4:	578545.01	4141456	1.67698E-05	1.67698E-05	0	0	0	0	0	0	0	4.87644E-11	4.87644E-11	4.87644E-05
578565.014141456.4:	578565.01	4141456	1.82493E-05	1.82493E-05	0	0	0	0	0	0	0	5.30665E-11	5.30665E-11	5.30665E-05
578585.014141456.4:	578585.01	4141456	1.99743E-05	1.99743E-05	0	0	0	0	0	0	0	5.80826E-11	5.80826E-11	5.80826E-05
578605.014141456.4:	578605.01	4141456	2.18482E-05	2.18482E-05	0	0	0	0	0	0	0	6.35316E-11	6.35316E-11	6.35316E-05
578625.014141456.4:	578625.01	4141456	2.41196E-05	2.41196E-05	0	0	0	0	0	0	0	7.01364E-11	7.01364E-11	7.01364E-05
578645.014141456.4:	578645.01	4141456	2.69511E-05	2.69511E-05	0	0	0	0	0	0	0	7.83702E-11	7.83702E-11	7.83702E-05
579045.014141456.4:	579045.01	4141456	0.000501641	0.000501641	0	0	0	0	0	0	0	1.4587E-09	1.4587E-09	0.001458705
579065.014141456.4:	579065.01	4141456	0.000549003	0.000549003	0	0	0	0	0	0	0	1.59643E-09	1.59643E-09	0.001596425

579085.014141456.4	579085.01	4141456	0.000605307	0.000605307	0	0	0	0	0	0	0	1.76015E-09	1.76015E-09	0.00176015
579105.014141456.4	579105.01	4141456	0.00067352	0.00067352	0	0	0	0	0	0	0	1.95851E-09	1.95851E-09	0.001958505
579125.014141456.4	579125.01	4141456	0.000757529	0.000757529	0	0	0	0	0	0	0	2.20279E-09	2.20279E-09	0.002202791
579145.014141456.4	579145.01	4141456	0.000861876	0.000861876	0	0	0	0	0	0	0	2.50622E-09	2.50622E-09	0.002506217
579165.014141456.4	579165.01	4141456	0.000991385	0.000991385	0	0	0	0	0	0	0	2.88281E-09	2.88281E-09	0.002882815
579185.014141456.4	579185.01	4141456	0.00116258	0.00116258	0	0	0	0	0	0	0	3.38062E-09	3.38062E-09	0.003380624
579205.014141456.4	579205.01	4141456	0.001394283	0.001394283	0	0	0	0	0	0	0	4.05439E-09	4.05439E-09	0.004054387
579225.014141456.4	579225.01	4141456	0.001719928	0.001719928	0	0	0	0	0	0	0	5.00132E-09	5.00132E-09	0.005001318
579245.014141456.4	579245.01	4141456	0.00149171 8	0.00149171 8	0	0	0	0	0	0	0	4.33771E-09	4.33771E-09	0.004337713
579265.014141456.4	579265.01	4141456	0.00182393	0.00182393	0	0	0	0	0	0	0	5.30374E-09	5.30374E-09	0.00530374
578385.014141476.4	578385.01	4141476	1.01982E-05	1.01982E-05	0	0	0	0	0	0	0	2.96549E-11	2.96549E-11	2.96549E-05
578405.014141476.4	578405.01	4141476	1.07706E-05	1.07706E-05	0	0	0	0	0	0	0	3.13195E-11	3.13195E-11	3.13195E-05
578425.014141476.4	578425.01	4141476	1.13814E-05	1.13814E-05	0	0	0	0	0	0	0	3.30957E-11	3.30957E-11	3.30957E-05
578445.014141476.4	578445.01	4141476	1.20475E-05	1.20475E-05	0	0	0	0	0	0	0	3.50325E-11	3.50325E-11	3.50325E-05
578465.014141476.4	578465.01	4141476	1.2867E-05	1.2867E-05	0	0	0	0	0	0	0	3.74156E-11	3.74156E-11	3.74156E-05
578485.014141476.4	578485.01	4141476	1.3903E-05	1.3903E-05	0	0	0	0	0	0	0	4.0428E-11	4.0428E-11	4.0428E-05
578505.014141476.4	578505.01	4141476	1.48269E-05	1.48269E-05	0	0	0	0	0	0	0	4.31145E-11	4.31145E-11	4.31145E-05
578525.014141476.4	578525.01	4141476	1.62772E-05	1.62772E-05	0	0	0	0	0	0	0	4.73318E-11	4.73318E-11	4.73318E-05
578545.014141476.4	578545.01	4141476	1.71811E-05	1.71811E-05	0	0	0	0	0	0	0	4.99604E-11	4.99604E-11	4.99604E-05
578565.014141476.4	578565.01	4141476	1.86928E-05	1.86928E-05	0	0	0	0	0	0	0	5.43562E-11	5.43562E-11	5.43562E-05
578585.014141476.4	578585.01	4141476	2.04547E-05	2.04547E-05	0	0	0	0	0	0	0	5.94794E-11	5.94794E-11	5.94794E-05
578605.014141476.4	578605.01	4141476	2.25434E-05	2.25434E-05	0	0	0	0	0	0	0	6.55532E-11	6.55532E-11	6.55532E-05
578625.014141476.4	578625.01	4141476	2.50097E-05	2.50097E-05	0	0	0	0	0	0	0	7.27248E-11	7.27248E-11	7.27248E-05
578645.014141476.4	578645.01	4141476	2.80761E-05	2.80761E-05	0	0	0	0	0	0	0	8.16414E-11	8.16414E-11	8.16414E-05
579065.014141476.4	579065.01	4141476	0.000647356	0.000647356	0	0	0	0	0	0	0	1.88242E-09	1.88242E-09	0.001882424
579085.014141476.4	579085.01	4141476	0.000725674	0.000725674	0	0	0	0	0	0	0	2.11016E-09	2.11016E-09	0.002110162
579105.014141476.4	579105.01	4141476	0.000818554	0.000818554	0	0	0	0	0	0	0	2.38024E-09	2.38024E-09	0.002380243
579125.014141476.4	579125.01	4141476	0.000933846	0.000933846	0	0	0	0	0	0	0	2.7155E-09	2.7155E-09	0.002715497
579145.014141476.4	579145.01	4141476	0.001085072	0.001085072	0	0	0	0	0	0	0	3.15524E-09	3.15524E-09	0.003155243
579165.014141476.4	579165.01	4141476	0.001288902	0.001288902	0	0	0	0	0	0	0	3.74795E-09	3.74795E-09	0.003747953
579185.014141476.4	579185.01	4141476	0.001553801	0.001553801	0	0	0	0	0	0	0	4.51824E-09	4.51824E-09	0.004518244
579205.014141476.4	579205.01	4141476	0.001939421	0.001939421	0	0	0	0	0	0	0	5.63957E-09	5.63957E-09	0.005639575
579225.014141476.4	579225.01	4141476	0.001571319	0.001571319	0	0	0	0	0	0	0	4.56918E-09	4.56918E-09	0.004569182
578385.014141496.4	578385.01	4141496	1.03992E-05	1.03992E-05	0	0	0	0	0	0	0	3.02395E-11	3.02395E-11	3.02395E-05
578405.014141496.4	578405.01	4141496	1.10146E-05	1.10146E-05	0	0	0	0	0	0	0	3.20291E-11	3.20291E-11	3.20291E-05
578425.014141496.4	578425.01	4141496	1.16439E-05	1.16439E-05	0	0	0	0	0	0	0	3.38588E-11	3.38588E-11	3.38588E-05
578445.014141496.4	578445.01	4141496	1.23207E-05	1.23207E-05	0	0	0	0	0	0	0	3.58269E-11	3.58269E-11	3.58269E-05
578465.014141496.4	578465.01	4141496	1.31571E-05	1.31571E-05	0	0	0	0	0	0	0	3.82591E-11	3.82591E-11	3.82591E-05
578485.014141496.4	578485.01	4141496	1.41716E-05	1.41716E-05	0	0	0	0	0	0	0	4.12089E-11	4.12089E-11	4.12089E-05
578505.014141496.4	578505.01	4141496	1.51354E-05	1.51354E-05	0	0	0	0	0	0	0	4.40116E-11	4.40116E-11	4.40116E-05
578525.014141496.4	578525.01	4141496	1.66655E-05	1.66655E-05	0	0	0	0	0	0	0	4.84609E-11	4.84609E-11	4.84609E-05
578545.014141496.4	578545.01	4141496	1.76385E-05	1.76385E-05	0	0	0	0	0	0	0	5.12903E-11	5.12903E-11	5.12903E-05
578565.014141496.4	578565.01	4141496	1.91271E-05	1.91271E-05	0	0	0	0	0	0	0	5.56191E-11	5.56191E-11	5.56191E-05
578585.014141496.4	578585.01	4141496	2.09504E-05	2.09504E-05	0	0	0	0	0	0	0	6.09209E-11	6.09209E-11	6.09209E-05
578605.014141496.4	578605.01	4141496	2.30698E-05	2.30698E-05	0	0	0	0	0	0	0	6.70839E-11	6.70839E-11	6.70839E-05
578625.014141496.4	578625.01	4141496	2.56282E-05	2.56282E-05	0	0	0	0	0	0	0	7.45233E-11	7.45233E-11	7.45233E-05
578645.014141496.4	578645.01	4141496	2.90138E-05	2.90138E-05	0	0	0	0	0	0	0	8.43681E-11	8.43681E-11	8.43681E-05
579085.014141496.4	579085.01	4141496	0.000893999	0.000893999	0	0	0	0	0	0	0	2.59963E-09	2.59963E-09	0.002599627
579105.014141496.4	579105.01	4141496	0.001030708	0.001030708	0	0	0	0	0	0	0	2.99716E-09	2.99716E-09	0.002997159
579125.014141496.4	579125.01	4141496	0.001199187	0.001199187	0	0	0	0	0	0	0	3.48707E-09	3.48707E-09	0.003487074
579145.014141496.4	579145.01	4141496	0.001429617	0.001429617	0	0	0	0	0	0	0	4.15713E-09	4.15713E-09	0.004157132
579165.014141496.4	579165.01	4141496	0.001762698	0.001762698	0	0	0	0	0	0	0	5.12569E-09	5.12569E-09	0.005125685
579185.014141496.4	579185.01	4141496	0.001908452	0.001908452	0	0	0	0	0	0	0	5.54952E-09	5.54952E-09	0.005549521
579205.014141496.4	579205.01	4141496	0.001355265	0.001355265	0	0	0	0	0	0	0	3.94093E-09	3.94093E-09	0.003940926
578385.014141516.4	578385.01	4141516	1.04545E-05	1.04545E-05	0	0	0	0	0	0	0	3.04002E-11	3.04002E-11	3.04002E-05
578405.014141516.4	578405.01	4141516	1.11466E-05	1.11466E-05	0	0	0	0	0	0	0	3.24129E-11	3.24129E-11	3.24129E-05
578425.014141516.4	578425.01	4141516	1.19078E-05	1.19078E-05	0	0	0	0	0	0	0	3.46264E-11	3.46264E-11	3.46264E-05
578445.014141516.4	578445.01	4141516	1.25708E-05	1.25708E-05	0	0	0	0	0	0	0	3.65543E-11	3.65543E-11	3.65543E-05
578465.014141516.4	578465.01	4141516	1.34119E-05	1.34119E-05	0	0	0	0	0	0	0	3.89999E-11	3.89999E-11	3.89999E-05
578485.014141516.4	578485.01	4141516	1.4477E-05	1.4477E-05	0	0	0	0	0	0	0	4.2097E-11	4.2097E-11	4.2097E-05
578505.014141516.4	578505.01	4141516	1.54469E-05	1.54469E-05	0	0	0	0	0	0	0	4.49175E-11	4.49175E-11	4.49175E-05
578525.014141516.4	578525.01	4141516	1.70046E-05	1.70046E-05	0	0	0	0	0	0	0	4.94472E-11	4.94472E-11	4.94472E-05
578545.014141516.4	578545.01	4141516	1.80559E-05	1.80559E-05	0	0	0	0	0	0	0	5.25041E-11	5.25041E-11	5.25041E-05
578565.014141516.4	578565.01	4141516	1.9718E-05	1.9718E-05	0	0	0	0	0	0	0	5.73373E-11	5.73373E-11	5.73373E-05
578585.014141516.4	578585.01	4141516	2.15305E-05	2.15305E-05	0	0	0	0	0	0	0	6.26078E-11	6.26078E-11	6.26078E-05
578605.014141516.4	578605.01	4141516	2.37113E-05	2.37113E-05	0	0	0	0	0	0	0	6.89493E-11	6.89493E-11	6.89493E-05

578625.014141516.4	578625.01	4141516	2.64723E-05	2.64723E-05	0	0	0	0	0	0	0	7.69778E-11	7.69778E-11	7.69778E-05
578645.014141516.4	578645.01	4141516	2.9976E-05	2.9976E-05	0	0	0	0	0	0	0	8.71663E-11	8.71663E-11	8.71663E-05
579085.014141516.4	579085.01	4141516	0.001140076	0.001140076	0	0	0	0	0	0	0	3.31519E-09	3.31519E-09	0.003315187
579105.014141516.4	579105.01	4141516	0.001356581	0.001356581	0	0	0	0	0	0	0	3.94475E-09	3.94475E-09	0.003944755
579125.014141516.4	579125.01	4141516	0.001629727	0.001629727	0	0	0	0	0	0	0	4.73902E-09	4.73902E-09	0.004739025
579145.014141516.4	579145.01	4141516	0.00201023	0.00201023	0	0	0	0	0	0	0	5.84548E-09	5.84548E-09	0.005845476
579165.014141516.4	579165.01	4141516	0.001124832	0.001124832	0	0	0	0	0	0	0	3.27086E-09	3.27086E-09	0.003270859
578385.014141536.4	578385.01	4141536	1.05788E-05	1.05788E-05	0	0	0	0	0	0	0	3.07617E-11	3.07617E-11	3.07617E-05
578405.014141536.4	578405.01	4141536	1.12218E-05	1.12218E-05	0	0	0	0	0	0	0	3.26316E-11	3.26316E-11	3.26316E-05
578425.014141536.4	578425.01	4141536	1.19524E-05	1.19524E-05	0	0	0	0	0	0	0	3.47558E-11	3.47558E-11	3.47558E-05
578445.014141536.4	578445.01	4141536	1.28379E-05	1.28379E-05	0	0	0	0	0	0	0	3.73308E-11	3.73308E-11	3.73308E-05
578465.014141536.4	578465.01	4141536	1.37035E-05	1.37035E-05	0	0	0	0	0	0	0	3.98478E-11	3.98478E-11	3.98478E-05
578485.014141536.4	578485.01	4141536	1.47302E-05	1.47302E-05	0	0	0	0	0	0	0	4.28334E-11	4.28334E-11	4.28334E-05
578505.014141536.4	578505.01	4141536	1.57523E-05	1.57523E-05	0	0	0	0	0	0	0	4.58056E-11	4.58056E-11	4.58056E-05
578525.014141536.4	578525.01	4141536	1.73438E-05	1.73438E-05	0	0	0	0	0	0	0	5.04334E-11	5.04334E-11	5.04334E-05
578545.014141536.4	578545.01	4141536	1.84519E-05	1.84519E-05	0	0	0	0	0	0	0	5.36555E-11	5.36555E-11	5.36555E-05
578565.014141536.4	578565.01	4141536	2.02367E-05	2.02367E-05	0	0	0	0	0	0	0	5.88457E-11	5.88457E-11	5.88457E-05
578585.014141536.4	578585.01	4141536	2.22042E-05	2.22042E-05	0	0	0	0	0	0	0	6.45669E-11	6.45669E-11	6.45669E-05
578605.014141536.4	578605.01	4141536	2.44603E-05	2.44603E-05	0	0	0	0	0	0	0	7.11272E-11	7.11272E-11	7.11272E-05
578625.014141536.4	578625.01	4141536	2.73517E-05	2.73517E-05	0	0	0	0	0	0	0	7.9535E-11	7.9535E-11	7.9535E-05
578645.014141536.4	578645.01	4141536	3.08539E-05	3.08539E-05	0	0	0	0	0	0	0	8.97189E-11	8.97189E-11	8.97189E-05
578665.014141536.4	578665.01	4141536	3.52908E-05	3.52908E-05	0	0	0	0	0	0	0	1.02621E-10	1.02621E-10	0.000102621
579105.014141536.4	579105.01	4141536	0.001886804	0.001886804	0	0	0	0	0	0	0	5.48657E-09	5.48657E-09	0.005486569
579125.014141536.4	579125.01	4141536	0.001772738	0.001772738	0	0	0	0	0	0	0	5.15488E-09	5.15488E-09	0.005154881
579185.014141536.4	579185.01	4141536	0.000783223	0.000783223	0	0	0	0	0	0	0	2.27751E-09	2.27751E-09	0.002277506
578385.014141556.4	578385.01	4141556	1.06985E-05	1.06985E-05	0	0	0	0	0	0	0	3.11098E-11	3.11098E-11	3.11098E-05
578405.014141556.4	578405.01	4141556	1.13308E-05	1.13308E-05	0	0	0	0	0	0	0	3.29484E-11	3.29484E-11	3.29484E-05
578425.014141556.4	578425.01	4141556	1.20352E-05	1.20352E-05	0	0	0	0	0	0	0	3.49968E-11	3.49968E-11	3.49968E-05
578445.014141556.4	578445.01	4141556	1.28778E-05	1.28778E-05	0	0	0	0	0	0	0	3.74469E-11	3.74469E-11	3.74469E-05
578465.014141556.4	578465.01	4141556	1.38615E-05	1.38615E-05	0	0	0	0	0	0	0	4.03075E-11	4.03075E-11	4.03075E-05
578485.014141556.4	578485.01	4141556	1.48821E-05	1.48821E-05	0	0	0	0	0	0	0	4.32752E-11	4.32752E-11	4.32752E-05
578505.014141556.4	578505.01	4141556	1.59887E-05	1.59887E-05	0	0	0	0	0	0	0	4.64928E-11	4.64928E-11	4.64928E-05
578525.014141556.4	578525.01	4141556	1.75326E-05	1.75326E-05	0	0	0	0	0	0	0	5.09824E-11	5.09824E-11	5.09824E-05
578545.014141556.4	578545.01	4141556	1.87112E-05	1.87112E-05	0	0	0	0	0	0	0	5.44097E-11	5.44097E-11	5.44097E-05
578565.014141556.4	578565.01	4141556	2.05161E-05	2.05161E-05	0	0	0	0	0	0	0	5.96579E-11	5.96579E-11	5.96579E-05
578585.014141556.4	578585.01	4141556	2.26094E-05	2.26094E-05	0	0	0	0	0	0	0	6.57451E-11	6.57451E-11	6.57451E-05
578605.014141556.4	578605.01	4141556	2.51033E-05	2.51033E-05	0	0	0	0	0	0	0	7.29971E-11	7.29971E-11	7.29971E-05
578625.014141556.4	578625.01	4141556	2.80592E-05	2.80592E-05	0	0	0	0	0	0	0	8.15923E-11	8.15923E-11	8.15923E-05
578645.014141556.4	578645.01	4141556	3.16949E-05	3.16949E-05	0	0	0	0	0	0	0	9.21645E-11	9.21645E-11	9.21645E-05
578665.014141556.4	578665.01	4141556	3.62592E-05	3.62592E-05	0	0	0	0	0	0	0	1.05437E-10	1.05437E-10	0.000105437
578685.014141556.4	578685.01	4141556	4.21862E-05	4.21862E-05	0	0	0	0	0	0	0	1.22672E-10	1.22672E-10	0.000122672
579165.014141556.4	579165.01	4141556	0.000710095	0.000710095	0	0	0	0	0	0	0	2.06486E-09	2.06486E-09	0.002064861
579185.014141556.4	579185.01	4141556	0.000788987	0.000788987	0	0	0	0	0	0	0	2.29427E-09	2.29427E-09	0.002294268
579205.014141556.4	579205.01	4141556	0.00073726	0.00073726	0	0	0	0	0	0	0	2.14385E-09	2.14385E-09	0.002143852
578385.014141576.4	578385.01	4141576	1.09026E-05	1.09026E-05	0	0	0	0	0	0	0	3.17033E-11	3.17033E-11	3.17033E-05
578405.014141576.4	578405.01	4141576	1.1472E-05	1.1472E-05	0	0	0	0	0	0	0	3.3359E-11	3.3359E-11	3.3359E-05
578425.014141576.4	578425.01	4141576	1.21703E-05	1.21703E-05	0	0	0	0	0	0	0	3.53895E-11	3.53895E-11	3.53895E-05
578445.014141576.4	578445.01	4141576	1.29975E-05	1.29975E-05	0	0	0	0	0	0	0	3.7795E-11	3.7795E-11	3.7795E-05
578465.014141576.4	578465.01	4141576	1.38692E-05	1.38692E-05	0	0	0	0	0	0	0	4.03298E-11	4.03298E-11	4.03298E-05
578485.014141576.4	578485.01	4141576	1.49082E-05	1.49082E-05	0	0	0	0	0	0	0	4.33511E-11	4.33511E-11	4.33511E-05
578505.014141576.4	578505.01	4141576	1.61728E-05	1.61728E-05	0	0	0	0	0	0	0	4.70284E-11	4.70284E-11	4.70284E-05
578525.014141576.4	578525.01	4141576	1.77321E-05	1.77321E-05	0	0	0	0	0	0	0	5.15625E-11	5.15625E-11	5.15625E-05
578545.014141576.4	578545.01	4141576	1.91057E-05	1.91057E-05	0	0	0	0	0	0	0	5.55567E-11	5.55567E-11	5.55567E-05
578565.014141576.4	578565.01	4141576	2.08921E-05	2.08921E-05	0	0	0	0	0	0	0	6.07513E-11	6.07513E-11	6.07513E-05
578585.014141576.4	578585.01	4141576	2.29962E-05	2.29962E-05	0	0	0	0	0	0	0	6.68697E-11	6.68697E-11	6.68697E-05
578605.014141576.4	578605.01	4141576	2.55223E-05	2.55223E-05	0	0	0	0	0	0	0	7.42154E-11	7.42154E-11	7.42154E-05
578625.014141576.4	578625.01	4141576	2.86362E-05	2.86362E-05	0	0	0	0	0	0	0	8.32703E-11	8.32703E-11	8.32703E-05
578645.014141576.4	578645.01	4141576	3.25804E-05	3.25804E-05	0	0	0	0	0	0	0	9.47395E-11	9.47395E-11	9.47395E-05
578665.014141576.4	578665.01	4141576	3.73749E-05	3.73749E-05	0	0	0	0	0	0	0	1.08681E-10	1.08681E-10	0.000108681
578685.014141576.4	578685.01	4141576	4.3546E-05	4.3546E-05	0	0	0	0	0	0	0	1.26626E-10	1.26626E-10	0.000126626
578705.014141576.4	578705.01	4141576	5.19194E-05	5.19194E-05	0	0	0	0	0	0	0	1.50975E-10	1.50975E-10	0.000150975
579145.014141576.4	579145.01	4141576	0.000862204	0.000862204	0	0	0	0	0	0	0	2.50717E-09	2.50717E-09	0.002507172
579165.014141576.4	579165.01	4141576	0.000809123	0.000809123	0	0	0	0	0	0	0	2.35282E-09	2.35282E-09	0.002352819
579185.014141576.4	579185.01	4141576	0.000627403	0.000627403	0	0	0	0	0	0	0	1.8244E-09	1.8244E-09	0.001824404
579205.014141576.4	579205.01	4141576	0.000510315	0.000510315	0	0	0	0	0	0	0	1.48393E-09	1.48393E-09	0.001483928
579225.014141576.4	579225.01	4141576	0.000434955	0.000434955	0	0	0	0	0	0	0	1.26479E-09	1.26479E-09	0.00126479

579245.014141576.4:	579245.01	4141576	0.000386332	0.000386332	0	0	0	0	0	0	0	1.1234E-09	1.1234E-09	0.001123401
579265.014141576.4:	579265.01	4141576	0.000366128	0.000366128	0	0	0	0	0	0	0	1.06465E-09	1.06465E-09	0.001064649
578385.014141596.4:	578385.01	4141596	1.10239E-05	1.10239E-05	0	0	0	0	0	0	0	3.20559E-11	3.20559E-11	3.20559E-05
578405.014141596.4:	578405.01	4141596	1.16915E-05	1.16915E-05	0	0	0	0	0	0	0	3.39972E-11	3.39972E-11	3.39972E-05
578425.014141596.4:	578425.01	4141596	1.23744E-05	1.23744E-05	0	0	0	0	0	0	0	3.59831E-11	3.59831E-11	3.59831E-05
578445.014141596.4:	578445.01	4141596	1.31955E-05	1.31955E-05	0	0	0	0	0	0	0	3.83706E-11	3.83706E-11	3.83706E-05
578465.014141596.4:	578465.01	4141596	1.40871E-05	1.40871E-05	0	0	0	0	0	0	0	4.09635E-11	4.09635E-11	4.09635E-05
578485.014141596.4:	578485.01	4141596	1.51016E-05	1.51016E-05	0	0	0	0	0	0	0	4.39134E-11	4.39134E-11	4.39134E-05
578505.014141596.4:	578505.01	4141596	1.64307E-05	1.64307E-05	0	0	0	0	0	0	0	4.77781E-11	4.77781E-11	4.77781E-05
578525.014141596.4:	578525.01	4141596	1.79224E-05	1.79224E-05	0	0	0	0	0	0	0	5.21159E-11	5.21159E-11	5.21159E-05
578545.014141596.4:	578545.01	4141596	1.93957E-05	1.93957E-05	0	0	0	0	0	0	0	5.64001E-11	5.64001E-11	5.64001E-05
578565.014141596.4:	578565.01	4141596	2.13187E-05	2.13187E-05	0	0	0	0	0	0	0	6.19919E-11	6.19919E-11	6.19919E-05
578585.014141596.4:	578585.01	4141596	2.34934E-05	2.34934E-05	0	0	0	0	0	0	0	6.83156E-11	6.83156E-11	6.83156E-05
578605.014141596.4:	578605.01	4141596	2.60318E-05	2.60318E-05	0	0	0	0	0	0	0	7.5697E-11	7.5697E-11	7.5697E-05
578625.014141596.4:	578625.01	4141596	2.92071E-05	2.92071E-05	0	0	0	0	0	0	0	8.49304E-11	8.49304E-11	8.49304E-05
578645.014141596.4:	578645.01	4141596	3.32404E-05	3.32404E-05	0	0	0	0	0	0	0	9.66585E-11	9.66585E-11	9.66585E-05
578665.014141596.4:	578665.01	4141596	3.84093E-05	3.84093E-05	0	0	0	0	0	0	0	1.11689E-10	1.11689E-10	0.000111689
578685.014141596.4:	578685.01	4141596	4.51191E-05	4.51191E-05	0	0	0	0	0	0	0	1.312E-10	1.312E-10	0.0001312
578705.014141596.4:	578705.01	4141596	5.38992E-05	5.38992E-05	0	0	0	0	0	0	0	1.56731E-10	1.56731E-10	0.000156731
578725.014141596.4:	578725.01	4141596	6.68936E-05	6.68936E-05	0	0	0	0	0	0	0	1.94517E-10	1.94517E-10	0.000194517
578745.014141596.4:	578745.01	4141596	8.71641E-05	8.71641E-05	0	0	0	0	0	0	0	2.53461E-10	2.53461E-10	0.000253461
579105.014141596.4:	579105.01	4141596	0.000918651	0.000918651	0	0	0	0	0	0	0	2.67131E-09	2.67131E-09	0.002671312
579145.014141596.4:	579145.01	4141596	0.0006753	0.0006753	0	0	0	0	0	0	0	1.96368E-09	1.96368E-09	0.001963682
579165.014141596.4:	579165.01	4141596	0.000538702	0.000538702	0	0	0	0	0	0	0	1.56647E-09	1.56647E-09	0.001566471
579185.014141596.4:	579185.01	4141596	0.000447765	0.000447765	0	0	0	0	0	0	0	1.30204E-09	1.30204E-09	0.00130204
579205.014141596.4:	579205.01	4141596	0.000386298	0.000386298	0	0	0	0	0	0	0	1.1233E-09	1.1233E-09	0.001123303
579225.014141596.4:	579225.01	4141596	0.000345283	0.000345283	0	0	0	0	0	0	0	1.00404E-09	1.00404E-09	0.001004036
579245.014141596.4:	579245.01	4141596	0.000321022	0.000321022	0	0	0	0	0	0	0	9.33489E-10	9.33489E-10	0.000933489
579265.014141596.4:	579265.01	4141596	0.000314804	0.000314804	0	0	0	0	0	0	0	9.15406E-10	9.15406E-10	0.000915406
579285.014141596.4:	579285.01	4141596	0.00031634	0.00031634	0	0	0	0	0	0	0	9.19874E-10	9.19874E-10	0.000919874
579305.014141596.4:	579305.01	4141596	0.0003485	0.0003485	0	0	0	0	0	0	0	1.01339E-09	1.01339E-09	0.00101339
579325.014141596.4:	579325.01	4141596	0.000409035	0.000409035	0	0	0	0	0	0	0	1.18942E-09	1.18942E-09	0.001189419
579345.014141596.4:	579345.01	4141596	0.00053761	0.00053761	0	0	0	0	0	0	0	1.5633E-09	1.5633E-09	0.001563298
578385.014141616.4:	578385.01	4141616	1.10714E-05	1.10714E-05	0	0	0	0	0	0	0	3.21942E-11	3.21942E-11	3.21942E-05
578405.014141616.4:	578405.01	4141616	1.17897E-05	1.17897E-05	0	0	0	0	0	0	0	3.42828E-11	3.42828E-11	3.42828E-05
578425.014141616.4:	578425.01	4141616	1.25463E-05	1.25463E-05	0	0	0	0	0	0	0	3.64829E-11	3.64829E-11	3.64829E-05
578445.014141616.4:	578445.01	4141616	1.33766E-05	1.33766E-05	0	0	0	0	0	0	0	3.88972E-11	3.88972E-11	3.88972E-05
578465.014141616.4:	578465.01	4141616	1.42897E-05	1.42897E-05	0	0	0	0	0	0	0	4.15526E-11	4.15526E-11	4.15526E-05
578485.014141616.4:	578485.01	4141616	1.53471E-05	1.53471E-05	0	0	0	0	0	0	0	4.46274E-11	4.46274E-11	4.46274E-05
578505.014141616.4:	578505.01	4141616	1.66056E-05	1.66056E-05	0	0	0	0	0	0	0	4.82869E-11	4.82869E-11	4.82869E-05
578525.014141616.4:	578525.01	4141616	1.81756E-05	1.81756E-05	0	0	0	0	0	0	0	5.28522E-11	5.28522E-11	5.28522E-05
578545.014141616.4:	578545.01	4141616	1.96781E-05	1.96781E-05	0	0	0	0	0	0	0	5.72213E-11	5.72213E-11	5.72213E-05
578565.014141616.4:	578565.01	4141616	2.16333E-05	2.16333E-05	0	0	0	0	0	0	0	6.29068E-11	6.29068E-11	6.29068E-05
578585.014141616.4:	578585.01	4141616	2.38817E-05	2.38817E-05	0	0	0	0	0	0	0	6.94447E-11	6.94447E-11	6.94447E-05
578605.014141616.4:	578605.01	4141616	2.65889E-05	2.65889E-05	0	0	0	0	0	0	0	7.7317E-11	7.7317E-11	7.7317E-05
578625.014141616.4:	578625.01	4141616	2.99131E-05	2.99131E-05	0	0	0	0	0	0	0	8.69833E-11	8.69833E-11	8.69833E-05
578645.014141616.4:	578645.01	4141616	3.39878E-05	3.39878E-05	0	0	0	0	0	0	0	9.88319E-11	9.88319E-11	9.88319E-05
578665.014141616.4:	578665.01	4141616	3.93301E-05	3.93301E-05	0	0	0	0	0	0	0	1.14367E-10	1.14367E-10	0.000114367
578685.014141616.4:	578685.01	4141616	4.65371E-05	4.65371E-05	0	0	0	0	0	0	0	1.35324E-10	1.35324E-10	0.000135324
578705.014141616.4:	578705.01	4141616	5.6413E-05	5.6413E-05	0	0	0	0	0	0	0	1.64041E-10	1.64041E-10	0.000164041
578725.014141616.4:	578725.01	4141616	7.01932E-05	7.01932E-05	0	0	0	0	0	0	0	2.04112E-10	2.04112E-10	0.000204112
578745.014141616.4:	578745.01	4141616	9.10577E-05	9.10577E-05	0	0	0	0	0	0	0	2.64783E-10	2.64783E-10	0.000264783
579065.014141616.4:	579065.01	4141616	0.000704996	0.000704996	0	0	0	0	0	0	0	2.05003E-09	2.05003E-09	0.002050031
579085.014141616.4:	579085.01	4141616	0.000766691	0.000766691	0	0	0	0	0	0	0	2.22943E-09	2.22943E-09	0.002229434
579105.014141616.4:	579105.01	4141616	0.000728842	0.000728842	0	0	0	0	0	0	0	2.11937E-09	2.11937E-09	0.002119373
579125.014141616.4:	579125.01	4141616	0.00057573	0.00057573	0	0	0	0	0	0	0	1.67414E-09	1.67414E-09	0.001674144
579165.014141616.4:	579165.01	4141616	0.000397227	0.000397227	0	0	0	0	0	0	0	1.15508E-09	1.15508E-09	0.001155082
579185.014141616.4:	579185.01	4141616	0.000346991	0.000346991	0	0	0	0	0	0	0	1.009E-09	1.009E-09	0.001009003
579205.014141616.4:	579205.01	4141616	0.000310947	0.000310947	0	0	0	0	0	0	0	9.04191E-10	9.04191E-10	0.000904191
579225.014141616.4:	579225.01	4141616	0.000286784	0.000286784	0	0	0	0	0	0	0	8.3393E-10	8.3393E-10	0.00083393
579245.014141616.4:	579245.01	4141616	0.000274694	0.000274694	0	0	0	0	0	0	0	7.98773E-10	7.98773E-10	0.000798773
579265.014141616.4:	579265.01	4141616	0.000274783	0.000274783	0	0	0	0	0	0	0	7.99031E-10	7.99031E-10	0.000799031
579285.014141616.4:	579285.01	4141616	0.000279886	0.000279886	0	0	0	0	0	0	0	8.1387E-10	8.1387E-10	0.00081387
579305.014141616.4:	579305.01	4141616	0.000309856	0.000309856	0	0	0	0	0	0	0	9.01018E-10	9.01018E-10	0.000901018
579325.014141616.4:	579325.01	4141616	0.000365593	0.000365593	0	0	0	0	0	0	0	1.0631E-09	1.0631E-09	0.001063096
579345.014141616.4:	579345.01	4141616	0.000476705	0.000476705	0	0	0	0	0	0	0	1.38619E-09	1.38619E-09	0.001386194

578385.014141636.4:	578385.01	4141636	1.11374E-05	1.11374E-05	0	0	0	0	0	0	0	3.23861E-11	3.23861E-11	3.23861E-05
578405.014141636.4:	578405.01	4141636	1.18618E-05	1.18618E-05	0	0	0	0	0	0	0	3.44925E-11	3.44925E-11	3.44925E-05
578425.014141636.4:	578425.01	4141636	1.26276E-05	1.26276E-05	0	0	0	0	0	0	0	3.67194E-11	3.67194E-11	3.67194E-05
578445.014141636.4:	578445.01	4141636	1.35055E-05	1.35055E-05	0	0	0	0	0	0	0	3.92721E-11	3.92721E-11	3.92721E-05
578465.014141636.4:	578465.01	4141636	1.44877E-05	1.44877E-05	0	0	0	0	0	0	0	4.21283E-11	4.21283E-11	4.21283E-05
578485.014141636.4:	578485.01	4141636	1.5519E-05	1.5519E-05	0	0	0	0	0	0	0	4.51272E-11	4.51272E-11	4.51272E-05
578505.014141636.4:	578505.01	4141636	1.67867E-05	1.67867E-05	0	0	0	0	0	0	0	4.88135E-11	4.88135E-11	4.88135E-05
578525.014141636.4:	578525.01	4141636	1.82754E-05	1.82754E-05	0	0	0	0	0	0	0	5.31423E-11	5.31423E-11	5.31423E-05
578545.014141636.4:	578545.01	4141636	1.99037E-05	1.99037E-05	0	0	0	0	0	0	0	5.78773E-11	5.78773E-11	5.78773E-05
578565.014141636.4:	578565.01	4141636	2.18804E-05	2.18804E-05	0	0	0	0	0	0	0	6.36253E-11	6.36253E-11	6.36253E-05
578585.014141636.4:	578585.01	4141636	2.42807E-05	2.42807E-05	0	0	0	0	0	0	0	7.0605E-11	7.0605E-11	7.0605E-05
578605.014141636.4:	578605.01	4141636	2.71184E-05	2.71184E-05	0	0	0	0	0	0	0	7.88566E-11	7.88566E-11	7.88566E-05
578625.014141636.4:	578625.01	4141636	3.05439E-05	3.05439E-05	0	0	0	0	0	0	0	8.88175E-11	8.88175E-11	8.88175E-05
578645.014141636.4:	578645.01	4141636	3.48979E-05	3.48979E-05	0	0	0	0	0	0	0	1.01478E-10	1.01478E-10	0.000101478
578665.014141636.4:	578665.01	4141636	4.04827E-05	4.04827E-05	0	0	0	0	0	0	0	1.17718E-10	1.17718E-10	0.000117718
578685.014141636.4:	578685.01	4141636	4.81256E-05	4.81256E-05	0	0	0	0	0	0	0	1.39943E-10	1.39943E-10	0.000139943
578705.014141636.4:	578705.01	4141636	5.86598E-05	5.86598E-05	0	0	0	0	0	0	0	1.70575E-10	1.70575E-10	0.000170575
578725.014141636.4:	578725.01	4141636	7.28774E-05	7.28774E-05	0	0	0	0	0	0	0	2.11918E-10	2.11918E-10	0.000211918
579045.014141636.4:	579045.01	4141636	0.000830409	0.000830409	0	0	0	0	0	0	0	2.41472E-09	2.41472E-09	0.002414718
579065.014141636.4:	579065.01	4141636	0.000789314	0.000789314	0	0	0	0	0	0	0	2.29522E-09	2.29522E-09	0.002295219
579085.014141636.4:	579085.01	4141636	0.000610763	0.000610763	0	0	0	0	0	0	0	1.77601E-09	1.77601E-09	0.001776015
579105.014141636.4:	579105.01	4141636	0.000494284	0.000494284	0	0	0	0	0	0	0	1.43731E-09	1.43731E-09	0.00143731
579125.014141636.4:	579125.01	4141636	0.000411583	0.000411583	0	0	0	0	0	0	0	1.19683E-09	1.19683E-09	0.001196827
579165.014141636.4:	579165.01	4141636	0.000312506	0.000312506	0	0	0	0	0	0	0	9.08726E-10	9.08726E-10	0.000908726
579185.014141636.4:	579185.01	4141636	0.000279105	0.000279105	0	0	0	0	0	0	0	8.11599E-10	8.11599E-10	0.000811599
579205.014141636.4:	579205.01	4141636	0.000257451	0.000257451	0	0	0	0	0	0	0	7.48634E-10	7.48634E-10	0.000748634
579225.014141636.4:	579225.01	4141636	0.000244207	0.000244207	0	0	0	0	0	0	0	7.1012E-10	7.1012E-10	0.00071012
579245.014141636.4:	579245.01	4141636	0.000239957	0.000239957	0	0	0	0	0	0	0	6.97763E-10	6.97763E-10	0.000697763
579265.014141636.4:	579265.01	4141636	0.000243042	0.000243042	0	0	0	0	0	0	0	7.06733E-10	7.06733E-10	0.000706733
579285.014141636.4:	579285.01	4141636	0.000254759	0.000254759	0	0	0	0	0	0	0	7.40806E-10	7.40806E-10	0.000740806
579305.014141636.4:	579305.01	4141636	0.000282785	0.000282785	0	0	0	0	0	0	0	8.223E-10	8.223E-10	0.0008223
579325.014141636.4:	579325.01	4141636	0.000330274	0.000330274	0	0	0	0	0	0	0	9.60391E-10	9.60391E-10	0.000960391
579345.014141636.4:	579345.01	4141636	0.000413625	0.000413625	0	0	0	0	0	0	0	1.20277E-09	1.20277E-09	0.001202767
578385.014141656.4:	578385.01	4141656	1.12464E-05	1.12464E-05	0	0	0	0	0	0	0	3.2703E-11	3.2703E-11	3.2703E-05
578405.014141656.4:	578405.01	4141656	1.19447E-05	1.19447E-05	0	0	0	0	0	0	0	3.47335E-11	3.47335E-11	3.47335E-05
578425.014141656.4:	578425.01	4141656	1.26844E-05	1.26844E-05	0	0	0	0	0	0	0	3.68846E-11	3.68846E-11	3.68846E-05
578445.014141656.4:	578445.01	4141656	1.35669E-05	1.35669E-05	0	0	0	0	0	0	0	3.94506E-11	3.94506E-11	3.94506E-05
578465.014141656.4:	578465.01	4141656	1.46151E-05	1.46151E-05	0	0	0	0	0	0	0	4.24987E-11	4.24987E-11	4.24987E-05
578485.014141656.4:	578485.01	4141656	1.57155E-05	1.57155E-05	0	0	0	0	0	0	0	4.56985E-11	4.56985E-11	4.56985E-05
578505.014141656.4:	578505.01	4141656	1.70507E-05	1.70507E-05	0	0	0	0	0	0	0	4.95811E-11	4.95811E-11	4.95811E-05
578525.014141656.4:	578525.01	4141656	1.84703E-05	1.84703E-05	0	0	0	0	0	0	0	5.37091E-11	5.37091E-11	5.37091E-05
578545.014141656.4:	578545.01	4141656	2.01585E-05	2.01585E-05	0	0	0	0	0	0	0	5.86181E-11	5.86181E-11	5.86181E-05
578565.014141656.4:	578565.01	4141656	2.21843E-05	2.21843E-05	0	0	0	0	0	0	0	6.45089E-11	6.45089E-11	6.45089E-05
578585.014141656.4:	578585.01	4141656	2.46199E-05	2.46199E-05	0	0	0	0	0	0	0	7.15913E-11	7.15913E-11	7.15913E-05
578605.014141656.4:	578605.01	4141656	2.75865E-05	2.75865E-05	0	0	0	0	0	0	0	8.02178E-11	8.02178E-11	8.02178E-05
578625.014141656.4:	578625.01	4141656	3.13266E-05	3.13266E-05	0	0	0	0	0	0	0	9.10935E-11	9.10935E-11	9.10935E-05
578645.014141656.4:	578645.01	4141656	3.58908E-05	3.58908E-05	0	0	0	0	0	0	0	1.04366E-10	1.04366E-10	0.000104366
578665.014141656.4:	578665.01	4141656	4.17749E-05	4.17749E-05	0	0	0	0	0	0	0	1.21476E-10	1.21476E-10	0.000121476
578685.014141656.4:	578685.01	4141656	4.99841E-05	4.99841E-05	0	0	0	0	0	0	0	1.45347E-10	1.45347E-10	0.000145347
578705.014141656.4:	578705.01	4141656	6.03311E-05	6.03311E-05	0	0	0	0	0	0	0	1.75435E-10	1.75435E-10	0.000175435
578725.014141656.4:	578725.01	4141656	7.46731E-05	7.46731E-05	0	0	0	0	0	0	0	2.17139E-10	2.17139E-10	0.000217139
579005.014141656.4:	579005.01	4141656	0.000627252	0.000627252	0	0	0	0	0	0	0	1.82396E-09	1.82396E-09	0.001823962
579025.014141656.4:	579025.01	4141656	0.000856255	0.000856255	0	0	0	0	0	0	0	2.48987E-09	2.48987E-09	0.002489875
579045.014141656.4:	579045.01	4141656	0.000647023	0.000647023	0	0	0	0	0	0	0	1.88146E-09	1.88146E-09	0.001881456
579065.014141656.4:	579065.01	4141656	0.000517252	0.000517252	0	0	0	0	0	0	0	1.5041E-09	1.5041E-09	0.0015041
579085.014141656.4:	579085.01	4141656	0.000427654	0.000427654	0	0	0	0	0	0	0	1.24356E-09	1.24356E-09	0.001243561
579105.014141656.4:	579105.01	4141656	0.000363526	0.000363526	0	0	0	0	0	0	0	1.05708E-09	1.05708E-09	0.001057085
579125.014141656.4:	579125.01	4141656	0.000316484	0.000316484	0	0	0	0	0	0	0	9.20293E-10	9.20293E-10	0.000920293
579145.014141656.4:	579145.01	4141656	0.000280429	0.000280429	0	0	0	0	0	0	0	8.1545E-10	8.1545E-10	0.00081545
579185.014141656.4:	579185.01	4141656	0.000232862	0.000232862	0	0	0	0	0	0	0	6.77132E-10	6.77132E-10	0.000677132
579205.014141656.4:	579205.01	4141656	0.000220185	0.000220185	0	0	0	0	0	0	0	6.40269E-10	6.40269E-10	0.000640269
579225.014141656.4:	579225.01	4141656	0.000213724	0.000213724	0	0	0	0	0	0	0	6.21481E-10	6.21481E-10	0.000621481
579245.014141656.4:	579245.01	4141656	0.000214584	0.000214584	0	0	0	0	0	0	0	6.2398E-10	6.2398E-10	0.00062398
579265.014141656.4:	579265.01	4141656	0.000218437	0.000218437	0	0	0	0	0	0	0	6.35186E-10	6.35186E-10	0.000635186
579285.014141656.4:	579285.01	4141656	0.000232767	0.000232767	0	0	0	0	0	0	0	6.76855E-10	6.76855E-10	0.000676855
579305.014141656.4:	579305.01	4141656	0.000260487	0.000260487	0	0	0	0	0	0	0	7.57461E-10	7.57461E-10	0.000757461

579325.014141656.4:	579325.01	4141656	0.000300387	0.000300387	0	0	0	0	0	0	0	8.73483E-10	8.73483E-10	0.000873483
579345.014141656.4:	579345.01	4141656	0.00036792	0.00036792	0	0	0	0	0	0	0	1.06986E-09	1.06986E-09	0.001069862
578385.014141676.4:	578385.01	4141676	1.13231E-05	1.13231E-05	0	0	0	0	0	0	0	3.29261E-11	3.29261E-11	3.29261E-05
578405.014141676.4:	578405.01	4141676	1.20137E-05	1.20137E-05	0	0	0	0	0	0	0	3.49343E-11	3.49343E-11	3.49343E-05
578425.014141676.4:	578425.01	4141676	1.27259E-05	1.27259E-05	0	0	0	0	0	0	0	3.7005E-11	3.7005E-11	3.7005E-05
578445.014141676.4:	578445.01	4141676	1.36421E-05	1.36421E-05	0	0	0	0	0	0	0	3.96693E-11	3.96693E-11	3.96693E-05
578465.014141676.4:	578465.01	4141676	1.47333E-05	1.47333E-05	0	0	0	0	0	0	0	4.28423E-11	4.28423E-11	4.28423E-05
578485.014141676.4:	578485.01	4141676	1.58643E-05	1.58643E-05	0	0	0	0	0	0	0	4.61314E-11	4.61314E-11	4.61314E-05
578505.014141676.4:	578505.01	4141676	1.72471E-05	1.72471E-05	0	0	0	0	0	0	0	5.01523E-11	5.01523E-11	5.01523E-05
578525.014141676.4:	578525.01	4141676	1.8725E-05	1.8725E-05	0	0	0	0	0	0	0	5.44499E-11	5.44499E-11	5.44499E-05
578545.014141676.4:	578545.01	4141676	2.04792E-05	2.04792E-05	0	0	0	0	0	0	0	5.95508E-11	5.95508E-11	5.95508E-05
578565.014141676.4:	578565.01	4141676	2.25695E-05	2.25695E-05	0	0	0	0	0	0	0	6.56291E-11	6.56291E-11	6.56291E-05
578585.014141676.4:	578585.01	4141676	2.50972E-05	2.50972E-05	0	0	0	0	0	0	0	7.29792E-11	7.29792E-11	7.29792E-05
578605.014141676.4:	578605.01	4141676	2.81497E-05	2.81497E-05	0	0	0	0	0	0	0	8.18556E-11	8.18556E-11	8.18556E-05
578625.014141676.4:	578625.01	4141676	3.20034E-05	3.20034E-05	0	0	0	0	0	0	0	9.30615E-11	9.30615E-11	9.30615E-05
578645.014141676.4:	578645.01	4141676	3.69452E-05	3.69452E-05	0	0	0	0	0	0	0	1.07432E-10	1.07432E-10	0.000107432
578665.014141676.4:	578665.01	4141676	4.32513E-05	4.32513E-05	0	0	0	0	0	0	0	1.25769E-10	1.25769E-10	0.000125769
578685.014141676.4:	578685.01	4141676	5.11229E-05	5.11229E-05	0	0	0	0	0	0	0	1.48658E-10	1.48658E-10	0.000148658
578705.014141676.4:	578705.01	4141676	6.15405E-05	6.15405E-05	0	0	0	0	0	0	0	1.78951E-10	1.78951E-10	0.000178951
578985.014141676.4:	578985.01	4141676	0.000710972	0.000710972	0	0	0	0	0	0	0	2.06741E-09	2.06741E-09	0.002067409
579005.014141676.4:	579005.01	4141676	0.00068275	0.00068275	0	0	0	0	0	0	0	1.98534E-09	1.98534E-09	0.001985344
579025.014141676.4:	579025.01	4141676	0.000537683	0.000537683	0	0	0	0	0	0	0	1.56351E-09	1.56351E-09	0.001563508
579045.014141676.4:	579045.01	4141676	0.000441295	0.000441295	0	0	0	0	0	0	0	1.28323E-09	1.28323E-09	0.001283225
579065.014141676.4:	579065.01	4141676	0.00037094	0.00037094	0	0	0	0	0	0	0	1.07864E-09	1.07864E-09	0.001078644
579085.014141676.4:	579085.01	4141676	0.000320547	0.000320547	0	0	0	0	0	0	0	9.32106E-10	9.32106E-10	0.000932106
579105.014141676.4:	579105.01	4141676	0.000281344	0.000281344	0	0	0	0	0	0	0	8.1811E-10	8.1811E-10	0.00081811
579125.014141676.4:	579125.01	4141676	0.000250907	0.000250907	0	0	0	0	0	0	0	7.29605E-10	7.29605E-10	0.000729605
579145.014141676.4:	579145.01	4141676	0.000228191	0.000228191	0	0	0	0	0	0	0	6.63547E-10	6.63547E-10	0.000663547
579165.014141676.4:	579165.01	4141676	0.000212389	0.000212389	0	0	0	0	0	0	0	6.17599E-10	6.17599E-10	0.000617599
579185.014141676.4:	579185.01	4141676	0.000200497	0.000200497	0	0	0	0	0	0	0	5.83017E-10	5.83017E-10	0.000583017
579205.014141676.4:	579205.01	4141676	0.000192837	0.000192837	0	0	0	0	0	0	0	5.60743E-10	5.60743E-10	0.000560743
579225.014141676.4:	579225.01	4141676	0.000190272	0.000190272	0	0	0	0	0	0	0	5.53286E-10	5.53286E-10	0.000553286
579245.014141676.4:	579245.01	4141676	0.000193925	0.000193925	0	0	0	0	0	0	0	5.63907E-10	5.63907E-10	0.000563907
579265.014141676.4:	579265.01	4141676	0.000202545	0.000202545	0	0	0	0	0	0	0	5.88975E-10	5.88975E-10	0.000588975
579285.014141676.4:	579285.01	4141676	0.000215999	0.000215999	0	0	0	0	0	0	0	6.28095E-10	6.28095E-10	0.000628095
579305.014141676.4:	579305.01	4141676	0.000237623	0.000237623	0	0	0	0	0	0	0	6.90975E-10	6.90975E-10	0.000690975
579325.014141676.4:	579325.01	4141676	0.000277545	0.000277545	0	0	0	0	0	0	0	8.07064E-10	8.07064E-10	0.000807064
579345.014141676.4:	579345.01	4141676	0.000343863	0.000343863	0	0	0	0	0	0	0	9.99908E-10	9.99908E-10	0.000999908
578385.014141696.4:	578385.01	4141696	1.13876E-05	1.13876E-05	0	0	0	0	0	0	0	3.31135E-11	3.31135E-11	3.31135E-05
578405.014141696.4:	578405.01	4141696	1.20322E-05	1.20322E-05	0	0	0	0	0	0	0	3.49879E-11	3.49879E-11	3.49879E-05
578425.014141696.4:	578425.01	4141696	1.28716E-05	1.28716E-05	0	0	0	0	0	0	0	3.7429E-11	3.7429E-11	3.7429E-05
578445.014141696.4:	578445.01	4141696	1.38615E-05	1.38615E-05	0	0	0	0	0	0	0	4.03075E-11	4.03075E-11	4.03075E-05
578465.014141696.4:	578465.01	4141696	1.48852E-05	1.48852E-05	0	0	0	0	0	0	0	4.32841E-11	4.32841E-11	4.32841E-05
578485.014141696.4:	578485.01	4141696	1.60301E-05	1.60301E-05	0	0	0	0	0	0	0	4.66133E-11	4.66133E-11	4.66133E-05
578505.014141696.4:	578505.01	4141696	1.74405E-05	1.74405E-05	0	0	0	0	0	0	0	5.07146E-11	5.07146E-11	5.07146E-05
578525.014141696.4:	578525.01	4141696	1.90366E-05	1.90366E-05	0	0	0	0	0	0	0	5.53558E-11	5.53558E-11	5.53558E-05
578565.014141696.4:	578565.01	4141696	2.30299E-05	2.30299E-05	0	0	0	0	0	0	0	6.69679E-11	6.69679E-11	6.69679E-05
578585.014141696.4:	578585.01	4141696	2.56558E-05	2.56558E-05	0	0	0	0	0	0	0	7.46036E-11	7.46036E-11	7.46036E-05
578605.014141696.4:	578605.01	4141696	2.88557E-05	2.88557E-05	0	0	0	0	0	0	0	8.39085E-11	8.39085E-11	8.39085E-05
578625.014141696.4:	578625.01	4141696	3.27846E-05	3.27846E-05	0	0	0	0	0	0	0	9.53331E-11	9.53331E-11	9.53331E-05
578645.014141696.4:	578645.01	4141696	3.78967E-05	3.78967E-05	0	0	0	0	0	0	0	1.10198E-10	1.10198E-10	0.000110198
578665.014141696.4:	578665.01	4141696	4.42274E-05	4.42274E-05	0	0	0	0	0	0	0	1.28607E-10	1.28607E-10	0.000128607
578685.014141696.4:	578685.01	4141696	5.20713E-05	5.20713E-05	0	0	0	0	0	0	0	1.51416E-10	1.51416E-10	0.000151416
578945.014141696.4:	578945.01	4141696	0.000567791	0.000567791	0	0	0	0	0	0	0	1.65106E-09	1.65106E-09	0.001651058
578965.014141696.4:	578965.01	4141696	0.000669149	0.000669149	0	0	0	0	0	0	0	1.9458E-09	1.9458E-09	0.001945795
578985.014141696.4:	578985.01	4141696	0.000537273	0.000537273	0	0	0	0	0	0	0	1.56232E-09	1.56232E-09	0.001562316
579005.014141696.4:	579005.01	4141696	0.000443129	0.000443129	0	0	0	0	0	0	0	1.28856E-09	1.28856E-09	0.001288558
579025.014141696.4:	579025.01	4141696	0.000373247	0.000373247	0	0	0	0	0	0	0	1.08535E-09	1.08535E-09	0.001085352
579045.014141696.4:	579045.01	4141696	0.00032105	0.00032105	0	0	0	0	0	0	0	9.3357E-10	9.3357E-10	0.00093357
579065.014141696.4:	579065.01	4141696	0.000281701	0.000281701	0	0	0	0	0	0	0	8.19149E-10	8.19149E-10	0.000819149
579085.014141696.4:	579085.01	4141696	0.000250656	0.000250656	0	0	0	0	0	0	0	7.28873E-10	7.28873E-10	0.000728873
579105.014141696.4:	579105.01	4141696	0.000226248	0.000226248	0	0	0	0	0	0	0	6.57897E-10	6.57897E-10	0.000657897
579125.014141696.4:	579125.01	4141696	0.00020631	0.00020631	0	0	0	0	0	0	0	5.99922E-10	5.99922E-10	0.000599922
579145.014141696.4:	579145.01	4141696	0.000191907	0.000191907	0	0	0	0	0	0	0	5.58039E-10	5.58039E-10	0.000558039
579165.014141696.4:	579165.01	4141696	0.000181675	0.000181675	0	0	0	0	0	0	0	5.28286E-10	5.28286E-10	0.000528286
579185.014141696.4:	579185.01	4141696	0.000175177	0.000175177	0	0	0	0	0	0	0	5.09391E-10	5.09391E-10	0.000509391

579205.014141696.4:	579205.01	4141696	0.000171463	0.000171463	0	0	0	0	0	0	0	4.98591E-10	4.98591E-10	0.000498591
579225.014141696.4:	579225.01	4141696	0.000171716	0.000171716	0	0	0	0	0	0	0	4.99327E-10	4.99327E-10	0.000499327
579245.014141696.4:	579245.01	4141696	0.000175281	0.000175281	0	0	0	0	0	0	0	5.09694E-10	5.09694E-10	0.000509694
579265.014141696.4:	579265.01	4141696	0.000185777	0.000185777	0	0	0	0	0	0	0	5.40215E-10	5.40215E-10	0.000540215
579285.014141696.4:	579285.01	4141696	0.000201164	0.000201164	0	0	0	0	0	0	0	5.84958E-10	5.84958E-10	0.000584958
579305.014141696.4:	579305.01	4141696	0.000221025	0.000221025	0	0	0	0	0	0	0	6.42711E-10	6.42711E-10	0.000642711
579325.014141696.4:	579325.01	4141696	0.00025844	0.00025844	0	0	0	0	0	0	0	7.51508E-10	7.51508E-10	0.000751508
579345.014141696.4:	579345.01	4141696	0.000316682	0.000316682	0	0	0	0	0	0	0	9.20869E-10	9.20869E-10	0.000920869
578385.014141716.4:	578385.01	4141716	1.14459E-05	1.14459E-05	0	0	0	0	0	0	0	3.32831E-11	3.32831E-11	3.32831E-05
578405.014141716.4:	578405.01	4141716	1.21734E-05	1.21734E-05	0	0	0	0	0	0	0	3.53985E-11	3.53985E-11	3.53985E-05
578425.014141716.4:	578425.01	4141716	1.30712E-05	1.30712E-05	0	0	0	0	0	0	0	3.80092E-11	3.80092E-11	3.80092E-05
578445.014141716.4:	578445.01	4141716	1.40196E-05	1.40196E-05	0	0	0	0	0	0	0	4.07671E-11	4.07671E-11	4.07671E-05
578465.014141716.4:	578465.01	4141716	1.50417E-05	1.50417E-05	0	0	0	0	0	0	0	4.37393E-11	4.37393E-11	4.37393E-05
578485.014141716.4:	578485.01	4141716	1.62281E-05	1.62281E-05	0	0	0	0	0	0	0	4.7189E-11	4.7189E-11	4.7189E-05
578505.014141716.4:	578505.01	4141716	1.7706E-05	1.7706E-05	0	0	0	0	0	0	0	5.14866E-11	5.14866E-11	5.14866E-05
578525.014141716.4:	578525.01	4141716	1.94295E-05	1.94295E-05	0	0	0	0	0	0	0	5.64983E-11	5.64983E-11	5.64983E-05
578605.014141716.4:	578605.01	4141716	2.95525E-05	2.95525E-05	0	0	0	0	0	0	0	8.59345E-11	8.59345E-11	8.59345E-05
578625.014141716.4:	578625.01	4141716	3.36793E-05	3.36793E-05	0	0	0	0	0	0	0	9.79348E-11	9.79348E-11	9.79348E-05
578645.014141716.4:	578645.01	4141716	3.88267E-05	3.88267E-05	0	0	0	0	0	0	0	1.12903E-10	1.12903E-10	0.000112903
578665.014141716.4:	578665.01	4141716	4.49748E-05	4.49748E-05	0	0	0	0	0	0	0	1.30781E-10	1.30781E-10	0.000130781
578685.014141716.4:	578685.01	4141716	5.27481E-05	5.27481E-05	0	0	0	0	0	0	0	1.53384E-10	1.53384E-10	0.000153384
578905.014141716.4:	578905.01	4141716	0.00044234	0.00044234	0	0	0	0	0	0	0	1.28626E-09	1.28626E-09	0.001286265
578925.014141716.4:	578925.01	4141716	0.000488081	0.000488081	0	0	0	0	0	0	0	1.41927E-09	1.41927E-09	0.001419272
578945.014141716.4:	578945.01	4141716	0.000466228	0.000466228	0	0	0	0	0	0	0	1.35573E-09	1.35573E-09	0.001355727
578965.014141716.4:	578965.01	4141716	0.000411445	0.000411445	0	0	0	0	0	0	0	1.19643E-09	1.19643E-09	0.001196425
578985.014141716.4:	578985.01	4141716	0.000357651	0.000357651	0	0	0	0	0	0	0	1.04E-09	1.04E-09	0.001040002
579005.014141716.4:	579005.01	4141716	0.000311805	0.000311805	0	0	0	0	0	0	0	9.06686E-10	9.06686E-10	0.000906686
579025.014141716.4:	579025.01	4141716	0.000275466	0.000275466	0	0	0	0	0	0	0	8.01017E-10	8.01017E-10	0.000801017
579045.014141716.4:	579045.01	4141716	0.000245751	0.000245751	0	0	0	0	0	0	0	7.1461E-10	7.1461E-10	0.00071461
579065.014141716.4:	579065.01	4141716	0.000221347	0.000221347	0	0	0	0	0	0	0	6.43648E-10	6.43648E-10	0.000643648
579085.014141716.4:	579085.01	4141716	0.000202119	0.000202119	0	0	0	0	0	0	0	5.87734E-10	5.87734E-10	0.000587734
579105.014141716.4:	579105.01	4141716	0.000187445	0.000187445	0	0	0	0	0	0	0	5.45066E-10	5.45066E-10	0.000545066
579125.014141716.4:	579125.01	4141716	0.000174572	0.000174572	0	0	0	0	0	0	0	5.07632E-10	5.07632E-10	0.000507632
579145.014141716.4:	579145.01	4141716	0.000164742	0.000164742	0	0	0	0	0	0	0	4.79048E-10	4.79048E-10	0.000479048
579165.014141716.4:	579165.01	4141716	0.000158863	0.000158863	0	0	0	0	0	0	0	4.61952E-10	4.61952E-10	0.000461952
579185.014141716.4:	579185.01	4141716	0.000155333	0.000155333	0	0	0	0	0	0	0	4.51687E-10	4.51687E-10	0.000451687
579205.014141716.4:	579205.01	4141716	0.000154253	0.000154253	0	0	0	0	0	0	0	4.48546E-10	4.48546E-10	0.000448546
579225.014141716.4:	579225.01	4141716	0.000156208	0.000156208	0	0	0	0	0	0	0	4.54231E-10	4.54231E-10	0.000454231
579245.014141716.4:	579245.01	4141716	0.0001596	0.0001596	0	0	0	0	0	0	0	4.64094E-10	4.64094E-10	0.000464094
579265.014141716.4:	579265.01	4141716	0.000170195	0.000170195	0	0	0	0	0	0	0	4.94905E-10	4.94905E-10	0.000494905
579285.014141716.4:	579285.01	4141716	0.000185214	0.000185214	0	0	0	0	0	0	0	5.38577E-10	5.38577E-10	0.000538577
579305.014141716.4:	579305.01	4141716	0.000204379	0.000204379	0	0	0	0	0	0	0	5.94308E-10	5.94308E-10	0.000594308
579325.014141716.4:	579325.01	4141716	0.000236785	0.000236785	0	0	0	0	0	0	0	6.88538E-10	6.88538E-10	0.000688538
579345.014141716.4:	579345.01	4141716	0.000287711	0.000287711	0	0	0	0	0	0	0	8.36626E-10	8.36626E-10	0.000836626
578385.014141736.4:	578385.01	4141736	1.15364E-05	1.15364E-05	0	0	0	0	0	0	0	3.35464E-11	3.35464E-11	3.35464E-05
578405.014141736.4:	578405.01	4141736	1.23652E-05	1.23652E-05	0	0	0	0	0	0	0	3.59563E-11	3.59563E-11	3.59563E-05
578425.014141736.4:	578425.01	4141736	1.32292E-05	1.32292E-05	0	0	0	0	0	0	0	3.84688E-11	3.84688E-11	3.84688E-05
578445.014141736.4:	578445.01	4141736	1.41639E-05	1.41639E-05	0	0	0	0	0	0	0	4.11866E-11	4.11866E-11	4.11866E-05
578465.014141736.4:	578465.01	4141736	1.52013E-05	1.52013E-05	0	0	0	0	0	0	0	4.42034E-11	4.42034E-11	4.42034E-05
578485.014141736.4:	578485.01	4141736	1.6469E-05	1.6469E-05	0	0	0	0	0	0	0	4.78897E-11	4.78897E-11	4.78897E-05
578505.014141736.4:	578505.01	4141736	1.81833E-05	1.81833E-05	0	0	0	0	0	0	0	5.28746E-11	5.28746E-11	5.28746E-05
578625.014141736.4:	578625.01	4141736	3.44973E-05	3.44973E-05	0	0	0	0	0	0	0	1.00313E-10	1.00313E-10	0.000100313
578645.014141736.4:	578645.01	4141736	3.94314E-05	3.94314E-05	0	0	0	0	0	0	0	1.14661E-10	1.14661E-10	0.000114661
578665.014141736.4:	578665.01	4141736	4.54951E-05	4.54951E-05	0	0	0	0	0	0	0	1.32293E-10	1.32293E-10	0.000132293
578865.014141736.4:	578865.01	4141736	0.00024033	0.00024033	0	0	0	0	0	0	0	6.98847E-10	6.98847E-10	0.000698847
578885.014141736.4:	578885.01	4141736	0.000282848	0.000282848	0	0	0	0	0	0	0	8.22483E-10	8.22483E-10	0.000822483
578905.014141736.4:	578905.01	4141736	0.000314739	0.000314739	0	0	0	0	0	0	0	9.15219E-10	9.15219E-10	0.000915219
578925.014141736.4:	578925.01	4141736	0.000322597	0.000322597	0	0	0	0	0	0	0	9.38068E-10	9.38068E-10	0.000938068
578945.014141736.4:	578945.01	4141736	0.000309401	0.000309401	0	0	0	0	0	0	0	8.99697E-10	8.99697E-10	0.000899697
578965.014141736.4:	578965.01	4141736	0.00028464	0.00028464	0	0	0	0	0	0	0	8.27696E-10	8.27696E-10	0.000827696
578985.014141736.4:	578985.01	4141736	0.000258869	0.000258869	0	0	0	0	0	0	0	7.52757E-10	7.52757E-10	0.000752757
579005.014141736.4:	579005.01	4141736	0.000234575	0.000234575	0	0	0	0	0	0	0	6.82112E-10	6.82112E-10	0.000682112
579025.014141736.4:	579025.01	4141736	0.000213232	0.000213232	0	0	0	0	0	0	0	6.20049E-10	6.20049E-10	0.000620049
579045.014141736.4:	579045.01	4141736	0.000194987	0.000194987	0	0	0	0	0	0	0	5.66996E-10	5.66996E-10	0.000566996
579065.014141736.4:	579065.01	4141736	0.000180142	0.000180142	0	0	0	0	0	0	0	5.23828E-10	5.23828E-10	0.000523828
579085.014141736.4:	579085.01	4141736	0.000168114	0.000168114	0	0	0	0	0	0	0	4.88853E-10	4.88853E-10	0.000488853

579105.014141736.4:	579105.01	4141736	0.000158579	0.000158579	0	0	0	0	0	0	0	4.61126E-10	4.61126E-10	0.000461126
579125.014141736.4:	579125.01	4141736	0.000150476	0.000150476	0	0	0	0	0	0	0	4.37563E-10	4.37563E-10	0.000437563
579145.014141736.4:	579145.01	4141736	0.000144395	0.000144395	0	0	0	0	0	0	0	4.19881E-10	4.19881E-10	0.000419881
579165.014141736.4:	579165.01	4141736	0.000140867	0.000140867	0	0	0	0	0	0	0	4.09622E-10	4.09622E-10	0.000409622
579185.014141736.4:	579185.01	4141736	0.00013955	0.00013955	0	0	0	0	0	0	0	4.05793E-10	4.05793E-10	0.000405793
579205.014141736.4:	579205.01	4141736	0.000140147	0.000140147	0	0	0	0	0	0	0	4.07529E-10	4.07529E-10	0.000407529
579225.014141736.4:	579225.01	4141736	0.000143144	0.000143144	0	0	0	0	0	0	0	4.16244E-10	4.16244E-10	0.000416244
579245.014141736.4:	579245.01	4141736	0.000148755	0.000148755	0	0	0	0	0	0	0	4.3256E-10	4.3256E-10	0.00043256
579265.014141736.4:	579265.01	4141736	0.000157417	0.000157417	0	0	0	0	0	0	0	4.57748E-10	4.57748E-10	0.000457748
579285.014141736.4:	579285.01	4141736	0.000171622	0.000171622	0	0	0	0	0	0	0	4.99055E-10	4.99055E-10	0.000499055
579305.014141736.4:	579305.01	4141736	0.00019334	0.00019334	0	0	0	0	0	0	0	5.62207E-10	5.62207E-10	0.000562207
579325.014141736.4:	579325.01	4141736	0.000223098	0.000223098	0	0	0	0	0	0	0	6.4874E-10	6.4874E-10	0.00064874
579345.014141736.4:	579345.01	4141736	0.000270418	0.000270418	0	0	0	0	0	0	0	7.86339E-10	7.86339E-10	0.000786339
578385.014141756.4:	578385.01	4141756	1.17329E-05	1.17329E-05	0	0	0	0	0	0	0	3.41177E-11	3.41177E-11	3.41177E-05
578405.014141756.4:	578405.01	4141756	1.25217E-05	1.25217E-05	0	0	0	0	0	0	0	3.64115E-11	3.64115E-11	3.64115E-05
578425.014141756.4:	578425.01	4141756	1.33935E-05	1.33935E-05	0	0	0	0	0	0	0	3.89463E-11	3.89463E-11	3.89463E-05
578445.014141756.4:	578445.01	4141756	1.43726E-05	1.43726E-05	0	0	0	0	0	0	0	4.17936E-11	4.17936E-11	4.17936E-05

Cubberley Community Center Master Plan

PM2.5 Emissions
Residential Receptors

Tons to Grams	907184.74						

Operating Hours			
M-F	Sat	Sun	Weekly Average
10	9	0	8.428571429

	Phase	Year	Exhaust Emissions (ton/yr)	Exhaust Emissions (g/s)	Fugitive Dust Emissions (ton/yr)	Fugitive Dust Emissions (g/s)
Offroad	Demolition - Phase I	2030	0.016	0.001326	0.009	0.000702184
Offroad	Grading- Phase I	2030	0.012	0.000947	0.033	0.002680429
Offroad	New Building Construction I- Phase I	2030	0.026	0.002109	0.000	0
Offroad	New Building Construction II- Phase I	2031	0.016	0.001273	0.000	0
Offroad	Renovation Building Construction I- Phase I	2031	0.003	0.000218	0.000	0
Offroad	Renovation Building Construction II- Phase I	2032	0.000	3.64E-05	0.000	0
Offroad	Paving- Phase I	2032	0.004	0.000367	0.000	0
Offroad	Architectural Coating- Phase I	2032	0.000	1.5E-05	0.000	0
Offroad	Demolition - Phase II	2032	0.006	0.000466	0.002	0.000143369
Offroad	Grading- Phase II	2032	0.002	0.000171	0.007	0.000597956
Offroad	Building Construction I- Phase II	2032	0.013	0.001073	0.000	0
Offroad	Building Construction II- Phase II	2033	0.021	0.001756	0.000	0
Offroad	Paving- Phase II	2033	0.001	1E-04	0.000	0
Offroad	Architectural Coating- Phase II	2033	0.000	4.78E-06	0.000	0
Offroad	Demolition I - Phase III	2033	0.004	0.000328	0.002	0.000124923
Offroad	Demolition II - Phase III	2034	0.001	9.99E-05	0.000	4.02977E-05
Offroad	Grading- Phase III	2034	0.002	0.000151	0.007	0.000601729
Offroad	Building Construction I- Phase III	2034	0.024	0.001931	0.000	0
Offroad	Building Construction II- Phase III	2035	0.007	0.000586	0.000	0
Offroad	Paving- Phase III	2035	0.001	8.48E-05	0.000	0
Offroad	Architectural Coating- Phase III	2035	0.000	3.77E-06	0.000	0
Haul	Demolition - Phase I	2030	0.001	4.75E-05	0.003	0.000269198
Haul	Grading- Phase I	2030	0.000	0	0.000	0
Haul	New Building Construction I- Phase I	2030	0.001	7.23E-05	0.009	0.000747915
Haul	New Building Construction II- Phase I	2031	0.001	4.67E-05	0.006	0.000482718
Haul	Renovation Building Construction I- Phase I	2031	0.001	5.85E-05	0.007	0.000604887
Haul	Renovation Building Construction II- Phase I	2032	0.000	7.51E-06	0.001	0.00011025
Haul	Paving- Phase I	2032	0.000	0	0.000	0
Haul	Architectural Coating- Phase I	2032	0.000	1.5E-05	0.000	0
Haul	Demolition - Phase II	2032	0.000	9.14E-06	0.001	5.18249E-05
Haul	Grading- Phase II	2032	0.000	0	0.000	0
Haul	Building Construction I- Phase II	2032	0.000	1.65E-05	0.002	0.00017034
Haul	Building Construction II- Phase II	2033	0.000	2.99E-05	0.004	0.000308939
Haul	Paving- Phase II	2033	0.000	0	0.000	0
Haul	Architectural Coating- Phase II	2033	0.000	0	0.000	0
Haul	Demolition I - Phase III	2033	0.000	1.06E-05	0.001	6.01443E-05
Haul	Demolition II - Phase III	2034	0.000	3.42E-06	0.000	1.94014E-05
Haul	Grading- Phase III	2034	0.000	0	0.000	0
Haul	Building Construction I- Phase III	2034	0.001	4.41E-05	0.006	0.000456068
Haul	Building Construction II- Phase III	2035	0.000	1.42E-05	0.002	0.000146689
Haul	Paving- Phase III	2035	0.000	0	0.000	0
Haul	Architectural Coating- Phase III	2035	0.000	0	0.000	0

Year	Max Annual PM2.5 Concentration (ug/m3)
2030	0.12
2031	0.02
2032	0.10
2033	0.078663668
2034	0.026646847
2035	0.006482246
Maximum	**0.12**
Threshold	0.3
Exceed?	No

Unique Identifier	X (UTM)	Y (UTM)	Demolition - Phase I Offroad 2030	Grading- Phase I Offroad 2030	New Building Construction I- Phase I Offroad 2030	New Building Construction II- Offroad 2031	Renovation Building Construction I- Phase I Offroad 2031	Renovation Building Construction II- Phase I Offroad 2032	Paving- Phase I Offroad 2032	Architectural Coating- Phase I Offroad 2032	Demolition - Phase II Offroad 2032	Grading- Phase II Offroad 2032	Building Construction I- Phase II Offroad 2032	Building Construction II- Phase II Offroad 2033	Paving- Phase II Offroad 2033	Architectural Coating- Phase II Offroad 2033	Demolition I - Phase III Offroad 2033	Demolition II - Phase III Offroad 2034	Grading- Phase III Offroad 2034	Building Construction I- Phase III Offroad 2034	Building Construction II- Phase III Offroad 2035	Paving- Phase III Offroad 2035	Architectural Coating- Phase III Offroad 2035	Demolition - Phase I Haul 2030	Grading- Phase I Haul 2030	New Building Construction I- Phase I Haul 2030	New Building Construction II- Phase I Haul 2031	Renovation Building Construction I- Phase I Haul 2031	Renovation Building Construction II- Phase I Haul 2032	Paving- Phase I Haul 2032	Architectural Coating- Phase I Haul 2032	Demolition - Phase II Haul 2032	Grading- Phase II Haul 2032	Building Construction I- Phase II Haul 2032	Building Construction II- Phase II Haul 2033	Paving- Phase II Haul 2033	Architectural Coating- Phase II Haul 2033	Demolition I - Phase III Haul 2033	Demolition II - Phase III Haul 2034	Grading- Phase III Haul 2034	Building Construction I- Phase III Haul 2034	Building Construction II- Phase III Haul 2035	Paving- Phase III Haul 2035	Architectural Coating- Phase III Haul 2035	Annual PM2.5 (ug/m3) 2030	2031	2032	2033	2034	2035
		AERMOD Column Identifier (Exhaust):	*4*	*5*	*6*	*6*	*7*	*7*	*8*	*9*	*10*	*11*	*11*	*11*	*11*	*11*	*12*	*12*	*13*	*13*	*13*	*13*	*13*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*						
		AERMOD Column Identifier (Fugitive Dust):	*15*	*16*	*17*	*17*	*18*	*18*	*19*	*20*	*21*	*22*	*22*	*22*	*22*	*22*	*23*	*23*	*24*	*24*	*24*	*24*	*24*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*						
578385.014141176.41	578385.01	4141176	0.000194896	0.000218392	0.000145643	8.79E-05	8.0306E-06	1.34519E-06	3.17511E-05	8.04591E-07	1.79834E-05	2.01524E-05	3.24246E-05	5.30589E-05	3.02004E-06	1.44512E-07	2.25385E-05	6.96466E-06	3.41571E-05	9.77617E-05	2.96612E-05	4.29271E-06	1.90654E-07	1.51906E-05	0	3.95763E-05	2.55433E-05	3.2008E-05	5.6952E-06	0	6.6204E-07	2.92443E-06	0	9.01362E-06	1.63477E-05	0	0	3.39389E-06	1.0948E-06	0	2.41331E-05	7.76212E-06	0	0	0.000614	0.000153	0.000123	9.85E-05	0.000164	4.19E-05
578405.014141176.41	578405.01	4141176	0.000216977	0.00024646	0.000165232	9.97E-05	8.77252E-06	1.46947E-06	3.63991E-05	9.01376E-07	1.95691E-05	2.20452E-05	3.514E-05	5.75025E-05	3.27296E-06	1.56615E-07	2.49761E-05	7.71702E-06	3.75305E-05	0.00010842	3.2895E-05	4.76072E-06	2.1144E-07	1.59083E-05	0	4.144E-05	2.67461E-05	3.35152E-05	5.96302E-06	0	6.94902E-07	3.0626E-06	0	9.43806E-06	1.71175E-05	0	0	3.55424E-06	1.14653E-06	0	2.52695E-05	8.12763E-06	0	0	0.000686	0.000169	0.000135	0.000107	0.00018	4.6E-05
578425.014141176.41	578425.01	4141176	0.00024336	0.000280389	0.000189229	0.000114	9.64499E-06	1.61562E-06	4.2122E-05	1.01842E-06	2.14152E-05	2.42235E-05	3.82956E-05	6.26661E-05	3.56687E-06	1.70679E-07	2.78393E-05	8.60043E-06	4.14522E-05	0.00012101	3.67147E-05	5.31353E-06	2.35992E-07	1.68153E-05	0	4.38012E-05	2.82701E-05	3.54249E-05	6.30274E-06	0	7.34816E-07	3.2372E-06	0	9.97585E-06	1.80929E-05	0	0	3.75687E-06	1.21189E-06	0	2.67094E-05	8.59075E-06	0	0	0.000774	0.000188	0.000149	0.000116	0.000199	5.09E-05
578445.014141176.41	578445.01	4141176	0.000276629	0.000322051	0.000223135	0.000135	1.09047E-05	1.82663E-06	5.01597E-05	1.16142E-06	2.35684E-05	2.67165E-05	4.19985E-05	6.87255E-05	3.91176E-06	1.87182E-07	3.12576E-05	9.65493E-06	4.60938E-05	0.000136032	4.12726E-05	5.97316E-06	2.65289E-07	1.80382E-05	0	4.69243E-05	3.02858E-05	3.79507E-05	6.74861E-06	0	8.03991E-07	3.47263E-06	0	1.06871E-05	1.93829E-05	0	0	4.03009E-06	1.30003E-06	0	2.86138E-05	9.20328E-06	0	0	0.000887	0.000214	0.000167	0.000127	0.000222	5.67E-05
578465.014141176.41	578465.01	4141176	0.000313151	0.000370914	0.000258497	0.000156	1.18381E-05	1.98298E-06	5.85936E-05	1.32543E-06	2.5923E-05	2.94318E-05	4.60448E-05	7.53469E-05	4.28864E-06	2.05216E-07	3.5096E-05	1.08391E-05	5.13393E-05	0.00015285	4.63753E-05	6.71165E-06	2.98087E-07	1.88053E-05	0	4.89544E-05	3.15961E-05	3.95926E-05	7.04252E-06	0	8.295E-07	3.62032E-06	0	1.11495E-05	2.02215E-05	0	0	4.20149E-06	1.35532E-06	0	2.98518E-05	9.60144E-06	0	0	0.00101	0.000239	0.000186	0.000139	0.000246	6.3E-05
578485.014141176.41	578485.01	4141176	0.000357718	0.000431913	0.000302293	0.000182	1.32175E-05	2.21405E-06	6.89866E-05	1.52665E-06	2.86696E-05	3.25388E-05	5.08211E-05	8.31626E-05	4.7335E-06	2.26503E-07	3.97186E-05	1.22653E-05	5.76766E-05	0.000172932	5.2468E-05	7.59342E-06	3.3725E-07	1.99215E-05	0	5.17899E-05	3.34262E-05	4.18859E-05	7.44648E-06	0	8.96425E-07	3.8352E-06	0	1.17953E-05	2.13927E-05	0	0	4.45087E-06	1.43576E-06	0	3.15808E-05	1.01576E-05	0	0	0.001164	0.000271	0.000209	0.000154	0.000276	7.06E-05
578505.014141176.41	578505.01	4141176	0.00041698	0.000509459	0.000357371	0.000216	1.51887E-05	2.54424E-06	8.19731E-05	1.77769E-06	3.23596E-05	3.61349E-05	5.65632E-05	9.2559E-05	5.26833E-06	2.52095E-07	4.60504E-05	1.42165E-05	6.55303E-05	0.000197319	5.98672E-05	8.66426E-06	3.8481E-07	2.1385E-05	0	5.55801E-05	3.58724E-05	4.49512E-05	7.99062E-06	0	9.659E-07	4.11694E-06	0	1.26585E-05	2.29583E-05	0	0	4.77784E-06	1.54124E-06	0	3.3892E-05	1.09009E-05	0	0	0.001361	0.000312	0.000237	0.000172	0.000312	7.98E-05
578525.014141176.41	578525.01	4141176	0.000483311	0.000603662	0.000423961	0.000256	1.71578E-05	2.87407E-06	9.75644E-05	2.0751E-06	3.61092E-05	4.01551E-05	6.30889E-05	0.000103237	5.87613E-06	2.8118E-07	5.27153E-05	1.62736E-05	7.48263E-05	0.000225375	6.83795E-05	9.8962E-06	4.39524E-07	2.27292E-05	0	5.90569E-05	3.81164E-05	4.77631E-05	8.48952E-06	0	1.03087E-06	4.37573E-06	0	1.34504E-05	2.43944E-05	0	0	5.07816E-06	1.63812E-06	0	3.60121E-05	1.15828E-05	0	0	0.001593	0.000359	0.000269	0.000192	0.000354	9.03E-05
578545.014141176.41	578545.01	4141176	0.000565549	0.000725332	0.000507568	0.000306	1.95358E-05	3.27242E-06	0.000116967	2.48535E-06	4.05825E-05	4.50849E-05	7.22764E-05	0.000118272	6.73186E-06	3.22127E-07	6.08074E-05	1.87722E-05	8.66758E-05	0.00026353	7.99558E-05	1.15716E-05	5.13933E-07	2.45463E-05	0	6.37034E-05	4.11153E-05	5.1521E-05	9.15323E-06	0	1.13216E-06	4.72555E-06	0	1.45086E-05	2.63138E-05	0	0	5.48415E-06	1.76908E-06	0	3.88455E-05	1.24942E-05	0	0	0.001887	0.000418	0.00031	0.000218	0.00041	0.000105
578565.014141176.41	578565.01	4141176	0.000663034	0.000867037	0.000607707	0.000367	2.22772E-05	3.73163E-06	0.000140035	2.87744E-06	4.56769E-05	5.04247E-05	8.14103E-05	0.000133218	7.58259E-06	3.62836E-07	7.01964E-05	2.16726E-05	9.97438E-05	0.00029734	9.02139E-05	1.30562E-05	5.79869E-07	2.6007E-05	0	6.75196E-05	4.35784E-05	5.46075E-05	9.70301E-06	0	1.19308E-06	5.00674E-06	0	1.53778E-05	2.78901E-05	0	0	5.81048E-06	1.87435E-06	0	4.11726E-05	1.32426E-05	0	0	0.002231	0.000487	0.000355	0.000245	0.000462	0.000117
578585.014141176.41	578585.01	4141176	0.000783097	0.001041652	0.000732686	0.000442	2.55865E-05	4.28596E-06	0.000168613	3.4637E-06	5.17899E-05	5.6771E-05	9.23902E-05	0.000151185	8.60527E-06	4.11772E-07	8.15072E-05	2.51678E-05	0.000116344	0.000347679	0.000105487	1.52665E-05	6.78039E-07	2.80481E-05	0	7.26526E-05	4.68913E-05	5.87589E-05	1.04313E-05	0	1.32858E-06	5.39969E-06	0	1.65468E-05	3.00104E-05	0	0	6.2665E-06	2.02145E-06	0	4.43026E-05	1.42494E-05	0	0	0.002658	0.000573	0.000411	0.000278	0.000536	0.000136
578605.014141176.41	578605.01	4141176	0.000928509	0.00125337	0.000886447	0.000535	2.9518E-05	4.94452E-06	0.000203566	4.11899E-06	5.90536E-05	6.42707E-05	0.000105388	0.000172455	9.81588E-06	4.69701E-07	9.48857E-05	2.9303E-05	0.000135412	0.000400875	0.000121627	1.76024E-05	7.81782E-07	3.0242E-05	0	7.82143E-05	5.04809E-05	6.3257E-05	1.12229E-05	0	1.46303E-06	5.82205E-06	0	1.78135E-05	3.23077E-05	0	0	6.75667E-06	2.17957E-06	0	4.7694E-05	1.53402E-05	0	0	0.003177	0.000678	0.000478	0.000317	0.000615	0.000155
578625.014141176.41	578625.01	4141176	0.001101224	0.001506121	0.001072365	0.000647	3.41154E-05	5.71461E-06	0.000245626	4.82605E-06	6.7581E-05	7.30974E-05	0.000120554	0.000197272	1.12284E-05	5.37293E-07	0.000110375	3.40914E-05	0.000156781	0.000456022	0.000138358	2.00239E-05	8.89329E-07	3.21334E-05	0	8.33185E-05	5.37753E-05	6.73851E-05	1.19674E-05	0	1.50099E-06	6.18617E-06	0	1.8976E-05	3.44161E-05	0	0	7.17925E-06	2.31589E-06	0	5.08065E-05	1.63413E-05	0	0	0.003795	0.000802	0.000556	0.000361	0.0007	0.000176
578645.014141176.41	578645.01	4141176	0.001310425	0.001805772	0.001302311	0.000786	3.96199E-05	6.63667E-06	0.000297403	5.76314E-06	7.78593E-05	8.33825E-05	0.000136052	0.000222633	1.2672E-05	6.06369E-07	0.000128596	3.97232E-05	0.000181885	0.000526384	0.000159706	2.31135E-05	1.02655E-06	3.45873E-05	0	8.96479E-05	5.78604E-05	7.25041E-05	1.28746E-05	0	1.62404E-06	6.6586E-06	0	2.04176E-05	3.70306E-05	0	0	7.72751E-06	2.49275E-06	0	5.46661E-05	1.75827E-05	0	0	0.004543	0.000956	0.000649	0.000409	0.000805	0.000201
578665.014141176.41	578665.01	4141176	0.001570703	0.002202681	0.001594736	0.000962	4.63973E-05	7.77194E-06	0.000362813	6.94421E-06	9.06272E-05	9.72614E-05	0.00016091	0.00026331	1.49872E-05	7.17157E-07	0.000150487	4.64879E-05	0.000211389	0.000610977	0.000185372	2.68279E-05	1.19152E-06	3.79102E-05	0	9.822E-05	6.3393E-05	7.94369E-05	1.41034E-05	0	1.7903E-06	7.2983E-06	0	2.23699E-05	4.05714E-05	0	0	8.46991E-06	2.73223E-06	0	5.98932E-05	1.92639E-05	0	0	0.005504	0.001152	0.000772	0.000479	0.000931	0.000233
578685.014141176.41	578685.01	4141176	0.001896593	0.002695551	0.001967395	0.001187	5.4763E-05	9.17326E-06	0.000445172	8.5693E-06	0.000106499	0.000114102	0.000188172	0.000307921	1.75264E-05	8.3866E-07	0.000176804	5.46167E-05	0.000246804	0.000721501	0.000218906	3.16811E-05	1.40707E-06	4.21935E-05	0	0.000108941	7.03124E-05	8.81075E-05	1.56215E-05	0	2.08741E-06	8.12289E-06	0	2.48116E-05	4.49998E-05	0	0	9.42687E-06	3.04093E-06	0	6.64306E-05	2.13666E-05	0	0	0.006711	0.001401	0.000922	0.000558	0.001092	0.000273
578705.014141176.41	578705.01	4141176	0.002289112	0.003301083	0.002419358	0.00146	6.46451E-05	1.08286E-05	0.000542956	1.03718E-05	0.000125353	0.000134312	0.000220135	0.000360225	2.05035E-05	9.81115E-07	0.000207148	6.3987E-05	0.000286374	0.000839982	0.000254853	3.68835E-05	1.63812E-06	4.6322E-05	0	0.000119537	7.71517E-05	9.66777E-05	1.71374E-05	0	2.30754E-06	8.91771E-06	0	2.7225E-05	4.9377E-05	0	0	1.03493E-05	3.33848E-06	0	7.28924E-05	2.34449E-05	0	0	0.008175	0.001699	0.0011	0.000649	0.001267	0.000317
578725.014141176.41	578725.01	4141176	0.002771155	0.004058144	0.00297163	0.001793	7.65376E-05	1.28207E-05	0.000658617	1.25421E-05	0.000148053	0.000158711	0.000258184	0.000422487	2.40474E-05	1.15069E-06	0.000242857	7.50115E-05	0.000332354	0.000978949	0.000297016	4.29856E-05	1.90914E-06	5.10098E-05	0	0.00013155	8.49049E-05	0.000106393	1.88548E-05	0	2.56233E-06	9.82018E-06	0	2.99609E-05	5.43391E-05	0	0	1.13966E-05	3.67633E-06	0	8.02176E-05	2.5801E-05	0	0	0.009983	0.002061	0.00131	0.000756	0.00147	0.000368
578745.014141176.41	578745.01	4141176	0.003372283	0.005011088	0.003646286	0.002201	9.11063E-05	1.52611E-05	0.000793399	1.51583E-05	0.000175655	0.000188246	0.000304089	0.000497605	2.8323E-05	1.35529E-06	0.000285751	8.82541E-05	0.000387012	0.001144524	0.000347252	5.0256E-05	2.23204E-06	5.65739E-05	0	0.00014579	9.40954E-05	0.00011791	2.08895E-05	0	2.86949E-06	1.08914E-05	0	3.3204E-05	6.0221E-05	0	0	1.26398E-05	4.07734E-06	0	8.89007E-05	2.85938E-05	0	0	0.012232	0.002504	0.00156	0.000886	0.001713	0.000428
578765.014141176.41	578765.01	4141176	0.004095235	0.006154607	0.004422009	0.002669	0.000108345	1.81486E-05	0.000938742	1.81497E-05	0.000207953	0.000222677	0.000357658	0.000585264	3.33124E-05	1.59404E-06	0.000335713	0.000103681	0.000450586	0.001334911	0.000405016	5.86158E-05	2.60333E-06	6.28442E-05	0	0.000161869	0.000104473	0.000130914	2.31888E-05	0	3.20756E-06	1.20985E-05	0	3.6866E-05	6.68626E-05	0	0	1.40407E-05	4.52925E-06	0	9.87054E-05	3.17473E-05	0	0	0.014897	0.003013	0.001839	0.001037	0.001992	0.000498
578785.014141176.41	578785.01	4141176	0.004986014	0.007520229	0.005313454	0.003207	0.000129451	2.16842E-05	0.001092354	2.15963E-05	0.000246789	0.000263691	0.000422196	0.000690873	3.93235E-05	1.88168E-06	0.000395982	0.000122298	0.00052761	0.001560614	0.000473495	6.85265E-05	3.04349E-06	7.05154E-05	0	0.000181548	0.000117174	0.000146829	2.60034E-05	0	3.61916E-06	1.35753E-05	0	4.1348E-05	7.49914E-05	0	0	1.57546E-05	5.08212E-06	0	0.000110705	3.5607E-05	0	0	0.018072	0.0036	0.002153	0.001219	0.002326	0.000581
578805.014141176.41	578805.01	4141176	0.006060109	0.00906663	0.006283002	0.003792	0.000155036	2.59698E-05	0.001241901	2.54194E-05	0.000293062	0.000312205	0.000499431	0.000817259	4.65172E-05	2.2259E-06	0.000467927	0.000144534	0.000620959	0.001824144	0.000553451	8.0098E-05	3.55743E-06	7.98663E-05	0	0.000205586	0.000132689	0.000166271	2.94445E-05	0	4.10819E-06	1.53755E-05	0	4.68229E-05	8.4921E-05	0	0	1.78437E-05	5.75605E-06	0	0.000125364	4.03217E-05	0	0	0.021695	0.004246	0.002494	0.001437	0.002721	0.000677
578825.014141176.41	578825.01	4141176	0.007344493	0.010738816	0.007293753	0.004402	0.000186464	3.12343E-05	0.001376232	2.95868E-05	0.000349218	0.00037062	0.000593538	0.000971254	5.52824E-05	2.64533E-06	0.000554606	0.000171344	0.000736162	0.002133649	0.000647356	9.36883E-05	4.16102E-06	9.1624E-05	0	0.000235886	0.000152245	0.000190776	3.3786E-05	0	4.7045E-06	1.7639E-05	0	5.37237E-05	9.74367E-05	0	0	2.04707E-05	6.60344E-06	0	0.00014384	4.62644E-05	0	0	0.025705	0.004931	0.00286	0.001702	0.003192	0.000791
578845.014141176.41	578845.01	4141176	0.008826942	0.012416278	0.008270661	0.004992	0.000224868	3.76672E-05	0.001480568	3.39651E-05	0.000417815	0.000441473	0.0007085	0.001159376	6.599E-05	3.1577E-06	0.000657661	0.000203251	0.000877719	0.002491175	0.00075583	0.000109387	4.85826E-06	0.000106247	0	0.000273702	0.000176653	0.000221361	3.92121E-05	0	5.41261E-06	2.04542E-05	0	6.23365E-05	0.000113057	0	0	2.37377E-05	7.65733E-06	0	0.0001669	5.36813E-05	0	0	0.029894	0.005614	0.003247	0.002023	0.003747	0.000924
578865.014141176.41	578865.01	4141176	0.010392296	0.013875769	0.009080312	0.00548	0.000269335	4.51159E-05	0.001536876	3.81696E-05	0.000498386	0.000524718	0.000843018	0.001379497	7.85191E-05	3.75723E-06	0.000772483	0.000238848	0.001042848	0.002877568	0.000873063	0.000126354	5.6118E-06	0.000123067	0	0.000317454	0.000204891	0.000256746	4.55041E-05	0	6.16348E-06	2.36924E-05	0	7.2301E-05	0.00013113	0	0	2.74957E-05	8.86958E-06	0	0.000193579	6.22623E-05	0	0	0.033789	0.006211	0.003634	0.002393	0.004362	0.001067
578885.014141176.41	578885.01	4141176	0.012023892	0.015048351	0.009693628	0.00585	0.00032254	5.40282E-05	0.0015468	4.22508E-05	0.000597541	0.00062729	0.001006815	0.001647532	9.37752E-05	4.48725E-06	0.00090143	0.000278876	0.001237141	0.003301073	0.001001556	0.00014495	6.43772E-06	0.000142685	0	0.000368612	0.000237909	0.000298121	5.28687E-05	0	7.00649E-06	2.74691E-05	0	8.39525E-05	0.000152262	0	0	3.18788E-05	1.02835E-05	0	0.000224775	7.2296E-05	0	0	0.037277	0.006709	0.004046	0.002831	0.005052	0.001225
578905.014141176.41	578905.01	4141176	0.013609951	0.015807643	0.010038221	0.006058	0.000384659	6.44337E-05	0.001510298	4.59996E-05	0.000718134	0.000753645	0.001202972	0.00196852	0.000112045	5.3615E-06	0.001037791	0.00032126	0.001454632	0.00374298	0.001135632	0.000164354	7.29952E-06	0.000163999	0	0.000424331	0.000273871	0.000343184	6.08974E-05	0	7.88776E-06	3.15724E-05	0	9.66425E-05	0.000175277	0	0	3.66407E-05	1.18196E-05	0	0.000258751	8.32241E-05	0	0	0.040044	0.00706	0.004492	0.003336	0.005789	0.001391
578925.014141176.41	578925.01	4141176	0.015076924	0.016120194	0.010094943	0.006092	0.000456732	7.65065E-05	0.001436674	4.93515E-05	0.000865272	0.000911674	0.001437565	0.002352403	0.000133895	6.40705E-06	0.001173926	0.000363616	0.001687329	0.004187261	0.001270428	0.000183862	8.16596E-06	0.000186018	0	0.000481907	0.000311032	0.000389749	6.91947E-05	0	8.79453E-06	3.58114E-05	0	0.000109756	0.00019906	0	0	4.15602E-05	1.34065E-05	0	0.00029386	9.45165E-05	0	0	0.04196	0.00725	0.005001	0.003907	0.006545	0.001557
578945.014141176.41	578945.01	4141176	0.016356829	0.016003434	0.009873389	0.005959	0.00053921	9.03229E-05	0.001338149	5.22501E-05	0.001043531	0.001110168	0.001715143	0.002806627	0.000159749	7.64419E-06	0.001299089	0.000402586	0.001921112	0.004611133	0.001399032	0.000202475	8.99259E-06	0.000207559	0	0.000538181	0.000347352	0.000435262	7.73013E-05	0	9.69486E-06	3.99583E-05	0	0.000122572	0.000222305	0	0	4.63729E-05	1.4959E-05	0	0.000328175	0.000105553	0	0	0.042979	0.007281	0.005599	0.004542	0.007278	0.001716
578965.014141176.41	578965.01	4141176	0.017312225	0.015459557	0.009382205	0.005662	0.000627649	0.000105136	0.001222708	5.44072E-05	0.001247689	0.001349052	0.002025093	0.003313822	0.000188618	9.02559E-06	0.001396842	0.000433033	0.002128491	0.004970494	0.001508064	0.000218254	9.69341E-06	0.000226844	0	0.000588481	0.000379817	0.000475943	8.45429E-05	0	1.05212E-05	4.36711E-05	0	0.000134028	0.000243082	0	0	5.06816E-05	1.63489E-05	0	0.000358848	0.000115419	0	0	0.042969	0.007146	0.006277	0.005202	0.007907	0.001851
578985.014141176.41	578985.01	4141176	0.017897718	0.014594867	0.008693399	0.005247	0.000719327	0.000120493	0.001102142	5.58129E-05	0.001475742	0.00163056	0.002363496	0.003867577	0.000220137	1.05338E-05	0.001459347	0.000452498	0.002290247	0.005245204	0.001591411	0.000230316	1.02291E-05	0.000243699	0	0.000632315	0.000408108	0.000511394	9.08465E-05	0	1.12752E-05	4.69158E-05	0	0.000144011	0.000261189	0	0	5.44472E-05	1.75636E-05	0	0.000385577	0.000124016	0	0	0.042062	0.006885	0.007041	0.005873	0.008391	0.001956
579005.014141176.41	579005.01	4141176	0.018031389	0.013486393	0.007869916	0.00475	0.000806902	0.000135163	0.000982772	5.63071E-05	0.001715094	0.001944343	0.00271349	0.004440301	0.000252736	1.20937E-05	0.00148002	0.00045892	0.002386165	0.005409929	0.00164139	0.00023755	1.05504E-05	0.0002579	0	0.000669138	0.000431874	0.000541176	9.61355E-05	0	1.19386E-05	4.96498E-05	0	0.000152398	0.000276399	0	0	5.76201E-05	1.85871E-05	0	0.000408032	0.000131238	0	0	0.040315	0.00653	0.007857	0.006519	0.008682	0.002021
579025.014141176.41	579025.01	4141176	0.017744624	0.012272945	0.007011598	0.004232	0.000885737	0.000148368	0.000873035	5.60279E-05	0.001958003	0.002283928	0.003070633	0.005024722	0.000286	1.36854E-05	0.00146285	0.000453542	0.002414273	0.005474059	0.0016591	0.000240143	1.06656E-05	0.000271116	0	0.000703257	0.000453895	0.000568769	0.000101028	0	1.25933E-05	5.2194E-05	0	0.000160169	0.000290492	0	0	6.05728E-05	1.95396E-05	0	0.000428837	0.00013793	0	0	0.038004	0.00614	0.008716	0.007138	0.008785	0.002048
579045.014141176.41	579045.01	4141176	0.017027718	0.011020544	0.006173122	0.003726	0.000945339	0.000158352	0.00077419	5.48587E-05	0.002180633	0.002622404	0.003409722	0.005579602	0.000317583	1.51967E-05	0.001411376	0.000437477	0.002373023	0.005418232	0.001643909	0.000237914	1.05666E-05	0.000284185	0	0.000736888	0.000475601	0.000595969	0.000105844	0	1.3268E-05	5.471E-05	0	0.000167828	0.000304384	0	0	6.34926E-05	2.04815E-05	0	0.000449345	0.000144526	0	0	0.035242	0.005743	0.009542	0.007692	0.008699	0.002037
579065.014141176.41	579065.01	4141176	0.015918387	0.009778354	0.00538772	0.003252	0.000975703	0.000163439	0.000685629	5.27019E-05	0.00235468	0.002920996	0.0036982	0.006051776	0.000344459	1.64827E-05	0.001332031	0.000412742	0.002268622	0.005261751	0.001596432	0.000231043	1.02614E-05	0.00029754	0	0.000771267	0.00049779	0.000623774	0.000110768	0	1.39549E-05	5.72811E-05	0	0.000175658	0.000318585	0	0	6.64765E-05	2.1444E-05	0	0.000470308	0.000151269	0	0	0.032153	0.005349	0.010233	0.00813	0.008435	0.001989
579085.014141176.41	579085.01	4141176	0.014502503	0.008580519	0.004669014	0.002818	0.000970956	0.000162643	0.00060589	4.9546E-05	0.002454957	0.003135574	0.003902059	0.006385251	0.00036344	1.7391E-05	0.001232481	0.000381743	0.002113243	0.005010483	0.001520196	0.00022001	9.77139E-06	0.000311175	0	0.000806429	0.000520484	0.000652211	0.000115807	0	1.46399E-05	5.9906E-05	0	0.000183666	0.000333109	0	0	6.95227E-05	2.24267E-05	0	0.00049175	0.000158165	0	0	0.02887	0.004961	0.010685	0.008401	0.00802	0.001908
579105.014141176.41	579105.01	4141176	0.012943438	0.007479092	0.004037437	0.002437	0.000934154	0.000156479	0.000535601	4.56767E-05	0.00247437	0.003241256	0.004006867	0.006556758	0.000373201	1.78581E-05	0.001123738	0.000347918	0.001928521	0.004693815	0.001424118	0.000206105	9.15383E-06	0.000325955	0	0.00084462	0.000545133	0.000683099	0.000121285	0	1.53638E-05	6.27515E-05	0	0.000192365	0.000348885	0	0	7.2825E-05	2.34919E-05	0	0.000515038	0.000165656	0	0	0.025631	0.004599	0.010852	0.008493	0.007509	0.001805
579125.014141176.41	579125.01	4141176	0.011372597	0.006493514	0.003492483	0.002108	0.000871945	0.000146058	0.000473966	4.1374E-05	0.002414416	0.003224931	0.004003529	0.006551296	0.000372891	1.78432E-05	0.001013751	0.000313747	0.001733175	0.004336655	0.001315755	0.000190422	8.4573E-06	0.000342066	0	0.000886315	0.000572044	0.000716821	0.00012727	0	1.61364E-05	6.58531E-05	0	0.000201861	0.000366108	0	0	7.64245E-05	2.46531E-05	0	0.000540463	0.000173833	0	0	0.022587	0.004269	0.010715	0.008398	0.006949	0.001688
579145.014141176.41	579145.01	4141176	0.009884657	0.005627806	0.003026075	0.001826	0.000793256	0.000132877	0.000419961	3.69185E-05	0.002286862	0.003092805	0.003894664	0.00637315	0.000362751	1.7358E-05	0.000907847	0.000280886	0.001542316	0.00396065	0.001201674	0.000173912	7.72402E-06	0.000359375	0	0.000931152	0.000600982	0.000753083	0.000133707	0	1.69557E-05	6.91853E-05	0	0.000212072	0.000384628	0	0	8.02916E-05	2.59005E-05	0	0.000567804	0.000182627	0	0	0.019829	0.003974	0.010296	0.008126	0.006378	0.001566
579165.014141176.41	579165.01	4141176	0.008525377	0.004872962	0.002625435	0.001585	0.000706244	0.000118302	0.000372315	3.25186E-05	0.002108846	0.002866425	0.003691895	0.006041343	0.000343865	1.64543E-05	0.000808377	0.00025006	0.001365005	0.003580282	0.001086269	0.00015721	6.98223E-06	0.000377265	0	0.000977516	0.000630907	0.00079058	0.000140366	0	1.7797E-05	7.26294E-05	0	0.000222632	0.00040378	0	0	8.42886E-05	2.71899E-05	0	0.000596076	0.00019172	0	0	0.017379	0.003712	0.009644	0.007698	0.005819	0.001442
579185.014141176.41	579185.01	4141176	0.007360804	0.004239851	0.002294485	0.001385	0.000621576	0.000104119	0.000331851	2.85172E-05	0.001909627	0.002591454	0.003431543	0.005615308	0.000319616	1.5294E-05	0.000720409	0.000222824	0.001211942	0.003224358	0.00097828	0.000141581	6.28811E-06	0.000397472	0	0.00102986	0.00066469	0.000832914	0.000147881	0	1.87541E-05	7.65196E-05	0	0.000234553	0.000425401	0	0	8.88034E-05	2.86462E-05	0	0.000627995	0.000201987	0	0	0.015322	0.003504	0.008875	0.007185	0.005316	0.001328
579205.014141176.41	579205.01	4141176	0.006344887	0.003694982	0.002010811	0.001214	0.000540913	9.06076E-05	0.000296226	2.48585E-05	0.001700856	0.002292428	0.003126466	0.005116087	0.000291201	1.39343E-05	0.000640608	0.000198136	0.001077889	0.002887203	0.000875987	0.000126777	5.6306E-06	0.00041803	0	0.001083098	0.000699051	0.000875971	0.000155524	0	1.97306E-05	8.04772E-05	0	0.000246678	0.000447392	0	0	9.33963E-05	3.01278E-05	0	0.000660458	0.000212428	0	0	0.013552	0.00333	0.008034	0.006603	0.004854	0.001221
579225.014141176.41	579225.01	4141176	0.005481921	0.00323401	0.001772009	0.001069	0.000468512	7.84797E-05	0.000265443	2.1653E-05	0.001500696	0.002003723	0.002807469	0.004594086	0.000261489	1.25125E-05	0.000570052	0.000176317	0.000962748	0.002580576	0.000782955	0.000113313	5.03261E-06	0.000439755	0	0.001139325	0.000735341	0.000921446	0.000163594	0	2.07719E-05	8.46597E-05	0	0.000259484	0.000470618	0	0	9.82502E-05	3.16936E-05	0	0.000694745	0.000223456	0	0	0.012067	0.003195	0.007206	0.006007	0.004446	0.001125
578385.014141196.41	578385.01	4141196	0.000192073	0.000214365	0.000143071	8.63E-05	7.96533E-06	1.33426E-06	3.12045E-05	7.93337E-07	1.76942E-05	1.96413E-05	3.20704E-05	5.24794E-05	2.98705E-06	1.42934E-07	2.21693E-05	6.85055E-06	3.37067E-05	9.62362E-05	2.91984E-05	4.22573E-06	1.87679E-07	1.5564E-05	0	4.05606E-05	2.61786E-05	3.2804E-05	5.83749E-06	0	6.75395E-07	2.99631E-06	0	9.2378E-06	1.67543E-05	0	0	3.47731E-06	1.12171E-06	0	2.47333E-05	7.95517E-06	0	0	0.000606	0.000153	0.000121	9.8E-05	0.000163	4.16E-05
578405.014141196.41	578405.01	4141196	0.000213604	0.000242029	0.000162133	9.79E-05	8.68549E-06	1.45489E-06	3.57791E-05	8.87872E-07	1.9206E-05	2.14273E-05	3.46785E-05	5.67473E-05	3.22997E-06	1.54558E-07	2.45833E-05	7.59595E-06	3.71027E-05	0.000106721	3.23795E-05	4.68611E-06	2.08126E-07	1.6279E-05	0	4.24168E-05	2.73766E-05	3.43052E-05	6.10422E-06	0	7.08256E-07	3.13396E-06	0	9.66053E-06	1.7521E-05	0	0	3.63706E-06	1.17324E-06	0	2.58652E-05	8.31921E-06	0	0	0.000676	0.000168	0.000133	0.000106	0.000178	4.56E-05
578425.014141196.41	578425.01	4141196	0.000239483	0.000275601	0.000185644	0.000112	9.54055E-06	1.59812E-06	4.14506E-05	1.00281E-06	2.09873E-05	2.35261E-05	3.77482E-05	6.17704E-05	3.51588E-06	1.68239E-07	2.74282E-05	8.47401E-06	4.10379E-05	0.000119175	3.61582E-05	5.23298E-06	2.32415E-07	1.72152E-05	0	4.48565E-05	2.89512E-05	3.62783E-05	6.45533E-06	0	7.48921E-07	3.3142E-06	0	1.02162E-05	1.85287E-05	0	0	3.84623E-06	1.24072E-06	0	2.73529E-05	8.79771E-06	0	0	0.000763	0.000187	0.000147	0.000115	0.000197	5.04E-05
578445.014141196.41	578445.01	4141196	0.000269902	0.000315804	0.000218243	0.000132	1.05218E-05	1.76249E-06	4.92939E-05	1.13951E-06	2.30137E-05	2.59012E-05	4.12364E-05	6.74785E-05	3.84078E-06	1.83786E-07	3.07226E-05	9.49052E-06	4.55484E-05	0.000133599	4.05344E-05	5.86633E-06	2.60544E-07	1.81396E-05	0	4.72578E-05	3.05011E-05	3.82205E-05	6.80051E-06	0	7.90936E-07	3.49215E-06	0	1.07631E-05	1.95206E-05	0	0	4.05275E-06	1.30734E-06	0	2.88172E-05	9.26868E-06	0	0	0.000869	0.000211	0.000164	0.000126	0.000219	5.59E-05
578465.014141196.41	578465.01	4141196	0.000307974	0.000365128	0.000253774	0.000153	1.16771E-05	1.95601E-06	5.79076E-05	1.30562E-06	2.5365E-05	2.86207E-05	4.52721E-05	7.40823E-05	4.21666E-06	2.01772E-07	3.46161E-05	1.06917E-05	5.08497E-05	0.000150668	4.57133E-05	6.61584E-06	2.93832E-07	1.92626E-05	0	5.01003E-05	3.23356E-05	4.05194E-05	7.20486E-06	0	8.60862E-07	3.70834E-06	0	1.14105E-05	2.06948E-05	0	0	4.30365E-06	1.38827E-06	0	3.05505E-05	9.82618E-06	0	0	0.000996	0.000238	0.000184	0.000138	0.000244	6.24E-05
578485.014141196.41	578485.01	4141196	0.000352423	0.000426419	0.000297802	0.00018	1.33133E-05	2.23008E-06	6.85537E-05	1.50865E-06	2.85069E-05	3.1737E-05	4.99946E-05	8.18102E-05	4.65652E-06	2.2282E-07	3.92629E-05	1.21253E-05	5.71915E-05	0.000170962	5.18705E-05	7.50694E-06	3.33409E-07	2.04686E-05	0	5.32145E-05	3.43456E-05	4.3038E-05	7.65144E-06	0	9.20433E-07	3.94052E-06	0	1.21197E-05	2.19811E-05	0	0	4.57309E-06	1.47519E-06	0	3.24495E-05	1.0437E-05	0	0	0.00115	0.00027	0.000207	0.000153	0.000274	7.01E-05
578505.014141196.41	578505.01	4141196	0.000406405	0.000502713	0.000352268	0.000213	1.49581E-05	2.50561E-06	8.16686E-05	1.75594E-06	3.16888E-05	3.52741E-05	5.54792E-05	9.07851E-05	5.16736E-06	2.47264E-07	4.54637E-05	1.40358E-05	6.47953E-05	0.000194925	5.91408E-05	8.55913E-06	3.8014E-07	2.1765E-05	0	5.65745E-05	3.65142E-05	4.57555E-05	8.13397E-06	0	9.81355E-07	4.1901E-06	0	1.2885E-05	2.33691E-05	0	0	4.86274E-06	1.56862E-06	0	3.44984E-05	1.1096E-05	0	0	0.00134	0.00031	0.000235	0.00017	0.00031	7.92E-05
578525.014141196.41	578525.01	4141196	0.000477208	0.000595829	0.000420566	0.000254	1.69293E-05	2.8358E-06	9.80119E-05	2.0616E-06	3.54269E-05	3.93524E-05	6.19942E-05	0.000101446	5.77417E-06	2.763E-07	5.22203E-05	1.61207E-05	7.41322E-05	0.000223657	6.78581E-05	9.82074E-06	4.36173E-07	2.33301E-05	0	6.06208E-05	3.91258E-05	4.9028E-05	8.7145E-06	0	1.05743E-06	4.4914E-06	0	1.38066E-05	2.50405E-05	0	0	5.21241E-06	1.68142E-06	0	3.69658E-05	1.18896E-05	0	0	0.001581	0.000359	0.000268	0.00019	0.000353	9E-05
578545.014141196.41	578545.01	4141196	0.000559107	0.000722425	0.000505418	0.000305	1.92682E-05	3.22759E-06	0.000118152	2.4771E-06	3.97982E-05	4.4241E-05	7.09241E-05	0.000116059	6.6059E-06	3.161E-07	6.03105E-05	1.8618E-05	8.58209E-05	0.000262139	7.9534E-05	1.15105E-05	5.11222E-07	2.50187E-05	0	6.49769E-05	4.19373E-05	5.25511E-05	9.33892E-06	0	1.14191E-06	4.81648E-06	0	1.47987E-05	2.68398E-05	0	0	5.58968E-06	1.80312E-06	0	3.96221E-05	1.27439E-05	0	0	0.001877	0.000419	0.000309	0.000216	0.000408	0.000104
578565.014141196.41	578565.01	4141196	0.000659686	0.000871528	0.000611081	0.000369	2.20597E-05	3.69518E-06	0.000143028	2.93791E-06	4.49377E-05	4.96876E-05	8.09001E-05	0.000131058	7.45963E-06	3.56952E-07	7.0008E-05	2.16127E-05	9.9544E-05	0.000302322	9.17253E-05	1.32749E-05	5.89585E-07	2.70108E-05	0	6.98731E-05	4.50974E-05	5.65109E-05	1.0027E-05	0	1.30277E-06	5.19999E-06	0	1.59138E-05	2.88623E-05	0	0	6.03475E-06	1.94669E-06	0	4.26077E-05	1.37042E-05	0	0	0.002239	0.000492	0.000357	0.000244	0.000468	0.000119
578585.014141196.41	578585.01	4141196	0.0007824	0.001054601	0.000741858	0.000448	2.53711E-05	4.24988E-06	0.000173572	3.49927E-06	5.09783E-05	5.60064E-05	9.08983E-05	0.000148744	8.46631E-06	4.05123E-07	8.15625E-05	2.51822E-05	0.000116004	0.000349339	0.000105991	1.53395E-05	6.81278E-07	2.89103E-05	0	7.47633E-05	4.82536E-05	6.04659E-05	1.07274E-05	0	1.40031E-06	5.56567E-06	0	1.70275E-05	3.08823E-05	0	0	6.45913E-06	2.08359E-06	0	4.55897E-05	1.46633E-05	0	0	0.002683	0.000582	0.000414	0.000277	0.000538	0.000137
578605.014141196.41	578605.01	4141196	0.00093063	0.001276591	0.000902241	0.000545	2.92744E-05	4.9037E-06	0.000210775	4.17766E-06	5.80513E-05	6.33591E-05	0.000103574	0.000169487	9.64694E-06	4.61617E-07	9.51754E-05	2.93892E-05	0.000135402	0.000403752	0.0001225	1.77287E-05	7.87393E-07	3.07277E-05	0	7.96603E-05	5.14142E-05	6.44264E-05	1.14412E-05	0	1.43872E-06	5.91556E-06	0	1.81428E-05	3.2905E-05	0	0	6.86519E-06	2.21458E-06	0	4.85758E-05	1.56238E-05	0	0	0.00322	0.00069	0.000482	0.000315	0.000619	0.000157
578625.014141196.41	578625.01	4141196	0.001111679	0.001541919	0.00110197	0.000665	3.39522E-05	5.68728E-06	0.000256848	4.93154E-06	6.65379E-05	7.21542E-05	0.000118729	0.000194286	1.10585E-05	5.29161E-07	0.000111373	3.43959E-05	0.000157726	0.000461486	0.000140016	2.02638E-05	8.99985E-07	3.28823E-05	0	8.52634E-05	5.50306E-05	6.8958E-05	1.22469E-05	0	1.53521E-06	6.33035E-06	0	1.9419E-05	3.52195E-05	0	0	7.34657E-06	2.36986E-06	0	5.19925E-05	1.67227E-05	0	0	0.003874	0.000823	0.000564	0.00036	0.000708	0.000178
578645.014141196.41	578645.01	4141196	0.001339222	0.001893412	0.001359139	0.00082	3.97592E-05	6.66E-06	0.000315852	6.06895E-06	7.712E-05	8.31142E-05	0.00013748	0.000224969	1.28049E-05	6.12731E-07	0.000131129	4.05019E-05	0.000185492	0.000545017	0.00016536	2.39316E-05	1.06289E-06	3.61353E-05	0	9.35161E-05	6.0357E-05	7.56325E-05	1.3422E-05	0	1.73298E-06	6.9566E-06	0	2.12985E-05	3.86284E-05	0	0	8.07334E-06	2.6043E-06	0	5.70249E-05	1.83413E-05	0	0	0.004721	0.000996	0.00067	0.000416	0.000831	0.000209
578665.014141196.41	578665.01	4141196	0.001624143	0.002330336	0.001689308	0.00102	4.69325E-05	7.8616E-06	0.000391039	7.40623E-06	9.02764E-05	9.68187E-05	0.000160534	0.000262695	1.49523E-05	7.15482E-07	0.000155006	4.78801E-05	0.000217692	0.000638067	0.000193592	2.80175E-05	1.24435E-06	3.98883E-05	0	0.000103017	6.64891E-05	8.33167E-05	1.47736E-05	0	1.96631E-06	7.67912E-06	0	2.34624E-05	4.2553E-05	0	0	8.91186E-06	2.87479E-06	0	6.28185E-05	2.02048E-05	0	0	0.005787	0.001216	0.000802	0.000485	0.000969	0.000243
578685.014141196.41	578685.01	4141196	0.00196678	0.002866391	0.002093596	0.001264	5.53918E-05	9.27859E-06	0.00048189	9.01992E-06	0.000105938	0.000113324	0.000187646	0.00030706	1.74775E-05	8.36316E-07	0.000182575	5.63971E-05	0.000254239	0.000745232	0.000226106	3.27231E-05	1.45334E-06	4.37101E-05	0	0.000112842	7.28305E-05	9.1263E-05	1.61801E-05	0	2.16603E-06	8.41487E-06	0	2.57002E-05	4.66115E-05	0	0	9.76571E-06	3.15023E-06	0	6.88098E-05	2.21318E-05	0	0	0.007083	0.001483	0.00096	0.000564	0.001128	0.000282
578705.014141196.41	578705.01	4141196	0.002390367	0.003542676	0.002598676	0.001568	6.56459E-05	1.09963E-05	0.00059294	1.10032E-05	0.000125059	0.000133648	0.000220285	0.000360471	2.05175E-05	9.81785E-07	0.000215157	6.64598E-05	0.000296736	0.000871745	0.00026449	3.82783E-05	1.70007E-06	4.80542E-05	0	0.000124004	8.00343E-05	0.00010029	1.77775E-05	0	2.39472E-06	9.25117E-06	0	2.82422E-05	5.12219E-05	0	0	1.07363E-05	3.46331E-06	0	7.56159E-05	2.43209E-05	0	0	0.008704	0.001814	0.001152	0.000659	0.001314	0.000329
578725.014141196.41	578725.01	4141196	0.002917391	0.004399704	0.003225361	0.001947	7.81281E-05	1.30871E-05	0.000726085	1.34231E-05	0.000148412	0.000158594	0.000259622	0.00042484	2.41813E-05	1.1571E-06	0.000253867	7.84118E-05	0.00034655	0.001021564	0.000309946	4.48568E-05	1.99224E-06	5.3058E-05	0	0.000136839	8.83185E-05	0.000110671	1.96132E-05	0	2.66346E-06	1.02145E-05	0	3.11655E-05	5.65238E-05	0	0	1.18542E-05	3.82394E-06	0	8.34427E-05	2.68383E-05	0	0	0.010732	0.002224	0.001383	0.000772	0.001534	0.000384
578745.014141196.41	578745.01	4141196	0.003577788	0.005483304	0.003994442	0.002411	9.3443E-05	1.56525E-05	0.000881502	1.6348E-05	0.000176965	0.000189042	0.000307234	0.000502751	2.86159E-05	1.3693E-06	0.000300345	9.27615E-05	0.000405693	0.001200076	0.000364107	5.26952E-05	2.34038E-06	5.89633E-05	0	0.00015196	9.80778E-05	0.0001229	2.17743E-05	0	2.98743E-06	1.13513E-05	0	3.46093E-05	6.27697E-05	0	0	1.31736E-05	4.24954E-06	0	9.26632E-05	2.9804E-05	0	0	0.013266	0.002725	0.001657	0.000909	0.001795	0.000449
578765.014141196.41	578765.01	4141196	0.00440559	0.006828261	0.004915977	0.002967	0.000112328	1.88159E-05	0.001055317	1.98192E-05	0.000211809	0.000225947	0.000364989	0.00059726	3.39952E-05	1.62671E-06	0.000356569	0.000110122	0.000476793	0.001413286	0.000428796	6.20573E-05	2.75618E-06	6.60627E-05	0	0.000170136	0.000109809	0.0001376	2.4372E-05	0	3.37742E-06	1.27181E-05	0	3.8749E-05	7.02778E-05	0	0	1.47597E-05	4.76121E-06	0	0.000103747	3.33689E-05	0	0	0.016386	0.003327	0.001976	0.001074	0.002109	0.000527
578785.014141196.41	578785.01	4141196	0.005409974	0.00840392	0.005950809	0.003591	0.000135004	2.26143E-05	0.00123342	2.37273E-05	0.00025308	0.000269408	0.000433315	0.000709068	4.03592E-05	1.93123E-06	0.00042296	0.000130629	0.000561159	0.001665214	0.00050383	7.29167E-05	3.23848E-06	7.4375E-05	0	0.000191464	0.000123575	0.00015485	2.74227E-05	0	3.82233E-06	1.43183E-05	0	4.36065E-05	7.90876E-05	0	0	1.66169E-05	5.36028E-06	0	0.000116752	3.7552E-05	0	0	0.020031	0.004005	0.002325	0.00127	0.002474	0.000618
578805.014141196.41	578805.01	4141196	0.006644561	0.010202712	0.007090376	0.004279	0.000163057	2.73135E-05	0.001407315	2.81142E-05	0.000303255	0.00032181	0.000516657	0.000845448	4.81217E-05	2.30268E-06	0.000503657	0.000155569	0.000665011	0.001954384	0.000592966	8.58168E-05	3.81142E-06	8.47897E-05	0	0.000218222	0.000140844	0.00017649	3.12519E-05	0	4.37108E-06	1.63233E-05	0	4.97006E-05	9.01401E-05	0	0	1.89437E-05	6.11088E-06	0	0.000133069	4.27998E-05	0	0	0.024241	0.00476	0.002706	0.001509	0.002914	0.000725
578825.014141196.41	578825.01	4141196	0.008108395	0.012107255	0.008252822	0.004981	0.000197286	3.30471E-05	0.001557126	3.2807E-05	0.000363739	0.000384617	0.000617452	0.001010386	5.75097E-05	2.75191E-06	0.000600089	0.000185395	0.000792232	0.00229596	0.000696602	0.000100815	4.47756E-06	9.76809E-05	0	0.000251471	0.000162304	0.000203381	3.60177E-05	0	5.01767E-06	1.88051E-05	0	5.72732E-05	0.000103874	0	0	2.18239E-05	7.03996E-06	0	0.000153344	4.9321E-05	0	0	0.028818	0.005544	0.003106	0.001796	0.003434	0.000851
578845.014141196.41	578845.01	4141196	0.009801603	0.013989444	0.009362573	0.005651	0.000239486	4.0116E-05	0.001667828	3.77105E-05	0.000438128	0.000461413	0.00074158	0.001213506	6.90711E-05	3.30513E-06	0.000715571	0.00022115	0.000949649	0.002692838	0.000817016	0.000118242	5.25155E-06	0.000113908	0	0.000293464	0.000189407	0.000237343	4.20447E-05	0	5.7963E-06	2.1929E-05	0	6.68372E-05	0.00012122	0	0	2.54493E-05	8.20946E-06	0	0.00017895	5.75571E-05	0	0	0.033561	0.006317	0.003523	0.002148	0.004051	0.000998
578865.014141196.41	578865.01	4141196	0.011648378	0.015650717	0.010301399	0.006217	0.000290681	4.86915E-05	0.001724015	4.25818E-05	0.000529537	0.000555429	0.000893517	0.001462133	8.32226E-05	3.9823E-06	0.000849595	0.000262699	0.001140016	0.003139611	0.000952568	0.00013786	6.12284E-06	0.0001335	0	0.000344391	0.000222276	0.000278531	4.93667E-05	0	6.67967E-06	2.57008E-05	0	7.84359E-05	0.000142256	0	0	2.98266E-05	9.62149E-06	0	0.000210005	6.75454E-05	0	0	0.038078	0.007009	0.003954	0.002571	0.004762	0.001164
578885.014141196.41	578885.01	4141196	0.01349116	0.01686597	0.010938353	0.006602	0.000350242	5.86684E-05	0.001716381	4.74804E-05	0.000638967	0.000668515	0.001073757	0.001757075	0.00010001	4.7856E-06	0.000995329	0.000307942	0.00135808	0.003612895	0.001096164	0.000158642	7.04583E-06	0.000155388	0	0.000401531	0.000259155	0.000324744	5.75959E-05	0	7.6046E-06	2.99146E-05	0	9.14498E-05	0.000165859	0	0	3.47168E-05	1.1199E-05	0	0.000244848	7.87523E-05	0	0	0.041852	0.007536	0.00439	0.003058	0.005535	0.001341
578905.014141196.41	578905.01	4141196	0.0152809	0.017596247	0.011253952	0.006792	0.000421037	7.05273E-05	0.001655934	5.1158E-05	0.000774579	0.000810089	0.001293613	0.002116843	0.000120488	5.76548E-06	0.001150683	0.000356231	0.001604139	0.004111898	0.001247563	0.000180553	8.01898E-06	0.000179239	0	0.000463907	0.000299414	0.000375192	6.65855E-05	0	8.58401E-06	3.45062E-05	0	0.000105656	0.000191625	0	0	4.00455E-05	1.29179E-05	0	0.000282884	9.09862E-05	0	0	0.044774	0.007888	0.004871	0.003625	0.006368	0.001527
578925.014141196.41	578925.01	4141196	0.016920859	0.01780767	0.011224642	0.006774	0.000504154	8.44501E-05	0.001555358	5.48182E-05	0.000942231	0.000989141	0.001559761	0.002552362	0.000145277	6.95166E-06	0.001305021	0.000404253	0.001867112	0.004613586	0.001399776	0.000202582	8.99737E-06	0.000203589	0	0.000527582	0.000340511	0.00042669	7.57618E-05	0	9.58607E-06	3.9194E-05	0	0.000120158	0.000217927	0	0	4.54858E-05	1.46729E-05	0	0.000321713	0.000103475	0	0	0.046684	0.008046	0.00543	0.004273	0.007221	0.001715
578945.014141196.41	578945.01	4141196	0.018308427	0.01751531	0.010859827	0.006554	0.00059911	0.000100356	0.001429238	5.78881E-05	0.001145221	0.00121404	0.001874089	0.003066723	0.000174554	8.35259E-06	0.001442902	0.000447184	0.002126593	0.005082718	0.001542113	0.000223182	9.91227E-06	0.000226653	0	0.000587832	0.000379397	0.000475418	8.44409E-05	0	1.05509E-05	4.36342E-05	0	0.00013388	0.000242814	0	0	5.06388E-05	1.63351E-05	0	0.000358452	0.000115292	0	0	0.047498	0.008008	0.006093	0.004986	0.008031	0.00189
578965.014141196.41	578965.01	4141196	0.019343944	0.016783212	0.010206742	0.00616	0.00070334	0.000117815	0.001291107	6.02201E-05	0.001382744	0.001489966	0.002232316	0.003652918	0.000207919	9.94916E-06	0.001548523	0.000480081	0.002355694	0.005480214	0.001662714	0.000240636	1.06875E-05	0.000247148	0	0.000641225	0.000413859	0.000518601	9.21244E-05	0	1.14449E-05	4.75799E-05	0	0.000146041	0.000264869	0	0	5.52179E-05	1.78122E-05	0	0.000391011	0.000125764	0	0	0.047222	0.007796	0.006871	0.005739	0.008725	0.00204
578985.014141196.41	578985.01	4141196	0.019875608	0.015664153	0.009317891	0.005624	0.000808406	0.000135415	0.001148402	6.14858E-05	0.001641265	0.001808169	0.002612825	0.004275574	0.00024336	1.1645E-05	0.001606659	0.000498183	0.002520814	0.005758998	0.001747298	0.000252877	1.12311E-05	0.000263812	0	0.000684567	0.000441832	0.000553653	9.83572E-05	0	1.21898E-05	5.0788E-05	0	0.000155912	0.000282772	0	0	5.8941E-05	1.90132E-05	0	0.00041744	0.000134264	0	0	0.045806	0.007427	0.007725	0.006479	0.009214	0.002146
579005.014141196.41	579005.01	4141196	0.019952649	0.014359593	0.008334152	0.00503	0.000912821	0.000152905	0.001015634	6.1969E-05	0.001922074	0.002173654	0.003001347	0.004944071	0.00028141	1.34658E-05	0.001619732	0.000502232	0.002615136	0.005923858	0.001797317	0.000260116	1.15527E-05	0.000278545	0	0.000722665	0.000466421	0.000584466	0.000103824	0	1.29036E-05	5.36242E-05	0	0.000164589	0.000298509	0	0	6.22325E-05	2.0075E-05	0	0.000440671	0.000141736	0	0	0.043648	0.006994	0.008683	0.007219	0.009502	0.002211
579025.014141196.41	579025.01	4141196	0.019534107	0.012968205	0.007342737	0.004431	0.00100597	0.000168508	0.000896616	6.15734E-05	0.002206211	0.002569566	0.003439013	0.005627532	0.000320311	1.53273E-05	0.001589183	0.00049268	0.002629713	0.005964349	0.001809602	0.000261894	1.16316E-05	0.000292537	0	0.000758702	0.00048968	0.000613612	0.000108986	0	1.36182E-05	5.63179E-05	0	0.000172796	0.000313395	0	0	6.53586E-05	2.10834E-05	0	0.000462646	0.000148804	0	0	0.040896	0.006541	0.009693	0.007931	0.00957	0.002232
579045.014141196.41	579045.01	4141196	0.018555638	0.011523023	0.006379831	0.00385	0.00107023	0.000179273	0.000788835	5.99368E-05	0.002454311	0.002950575	0.003819876	0.006250769	0.000355785	1.70247E-05	0.001517373	0.000470281	0.002558816	0.005865371	0.001779572	0.000257548	1.14386E-05	0.000305782	0	0.000792757	0.00051166	0.000641154	0.000113861	0	1.43093E-05	5.88677E-05	0	0.000180553	0.000327462	0	0	6.83178E-05	2.2038E-05	0	0.000483413	0.000155484	0	0	0.037557	0.006073	0.01062	0.008537	0.0094	0.002204
579065.014141196.41	579065.01	4141196	0.017158297	0.010130246	0.005510189	0.003326	0.001097829	0.000183896	0.000694723	5.72111E-05	0.002642587	0.003282549	0.004141277	0.006776704	0.000385721	1.84572E-05	0.001418148	0.000439362	0.002421529	0.005653744	0.001715364	0.000248255	1.10259E-05	0.000320081	0	0.000829578	0.000535425	0.000670933	0.000119135	0	1.5042E-05	6.16206E-05	0	0.000188939	0.000342671	0	0	7.15126E-05	2.30686E-05	0	0.000505865	0.000162705	0	0	0.033948	0.00563	0.011387	0.009013	0.009044	0.002137
579085.014141196.41	579085.01	4141196	0.015404678	0.008786435	0.004717829	0.002847	0.001079368	0.000180803	0.000609437	5.32034E-05	0.00273281	0.00349916	0.004346826	0.00711306	0.000404865	1.93733E-05	0.001297231	0.00040173	0.002227739	0.005331167	0.001617493	0.000234091	1.03968E-05	0.000334175	0	0.000865693	0.000558912	0.000700365	0.000124354	0	1.57384E-05	6.43338E-05	0	0.000197227	0.000357703	0	0	7.46614E-05	2.40843E-05	0	0.000528056	0.000169843	0	0	0.030109	0.005186	0.011824	0.009267	0.008513	0.002032
579105.014141196.41	579105.01	4141196	0.013539073	0.007572158	0.004036193	0.002436	0.001022932	0.00017135	0.000535164	4.8432E-05	0.002725254	0.003581623	0.004431006	0.007250809	0.000412706	1.97485E-05	0.001169815	0.000362122	0.002008367	0.004942959	0.001499709	0.000217045	9.63971E-06	0.000349637	0	0.000905963	0.000584725	0.000732711	0.000130093	0	1.64856E-05	6.73106E-05	0	0.000206335	0.000374223	0	0	7.8116E-05	2.51987E-05	0	0.000552444	0.000177687	0	0	0.026403	0.004776	0.011913	0.009305	0.007891	0.001904
579125.014141196.41	579125.01	4141196	0.011729214	0.006510863	0.003463152	0.00209	0.000939508	0.000157376	0.0004712	4.3312E-05	0.002627404	0.003522227	0.00438919	0.007182383	0.000408811	1.95621E-05	0.001045418	0.0003235	0.001786493	0.00452264	0.001372183	0.000198589	8.82001E-06	0.000366957	0	0.00095081	0.00061367	0.000768982	0.000136531	0	1.73103E-05	7.0645E-05	0	0.00021655	0.000392748	0	0	8.19857E-05	2.6447E-05	0	0.000579791	0.000186483	0	0	0.023021	0.004412	0.011652	0.009131	0.007239	0.001766
579145.014141196.41	579145.01	4141196	0.01008977	0.005607375	0.002988963	0.001804	0.000842495	0.000141125	0.000416663	3.82465E-05	0.002459822	0.003338414	0.004233013	0.006926818	0.000394265	1.8866E-05	0.000930417	0.000287837	0.001579876	0.00410012	0.001243989	0.000180036	7.99601E-06	0.000386645	0	0.001001794	0.000646576	0.000810216	0.00014385	0	1.82459E-05	7.44351E-05	0	0.000228161	0.000413808	0	0	8.63842E-05	2.78659E-05	0	0.000610881	0.000196482	0	0	0.020075	0.004103	0.011092	0.008771	0.006607	0.001629
579165.014141196.41	579165.01	4141196	0.008625563	0.004830464	0.002585982	0.001561	0.000739977	0.000123952	0.000368863	3.33619E-05	0.002241475	0.003054615	0.003972875	0.006501135	0.000370035	1.77066E-05	0.000824125	0.000254914	0.001392458	0.0036815	0.001116979	0.000161654	7.17962E-06	0.000407134	0	0.001054871	0.000680833	0.000853143	0.000151471	0	1.92154E-05	7.83796E-05	0	0.00024025	0.000435733	0	0	9.09619E-05	2.93426E-05	0	0.000643246	0.000206892	0	0	0.017504	0.003835	0.010284	0.00824	0.006001	0.001493
579185.014141196.41	579185.01	4141196	0.007356129	0.004170597	0.002245671	0.001355	0.000640416	0.000107275	0.000327199	2.88709E-05	0.001999532	0.00271696	0.003640913	0.005957917	0.000339116	1.62271E-05	0.000728044	0.00022518	0.001228333	0.003282633	0.000995961	0.00014414	6.40176E-06	0.000428398	0	0.001109953	0.000716384	0.000897691	0.00015938	0	2.02225E-05	8.24733E-05	0	0.000252795	0.000458485	0	0	9.57128E-05	3.08751E-05	0	0.000676835	0.000217695	0	0	0.015311	0.00361	0.009336	0.007596	0.005444	0.001364
579205.014141196.41	579205.01	4141196	0.006289581	0.003619941	0.001963262	0.001185	0.000550441	9.22035E-05	0.000291548	2.49401E-05	0.001760066	0.002373246	0.0032766	0.005361764	0.000305184	1.46034E-05	0.000643641	0.000199073	0.001088545	0.002919333	0.000885735	0.000128188	5.69326E-06	0.00045136	0	0.001169411	0.000754759	0.000945779	0.000167916	0	2.13146E-05	8.68937E-05	0	0.000266337	0.000483045	0	0	0.000100843	3.253E-05	0	0.000713091	0.000229357	0	0	0.013494	0.003436	0.008361	0.006909	0.004953	0.001249
579225.014141196.41	579225.01	4141196	0.005401199	0.003161552	0.001728655	0.001043	0.000472243	7.91047E-05	0.00026107	2.15804E-05	0.001538287	0.00205484	0.002909755	0.004761465	0.000271016	1.29684E-05	0.000570012	0.000176303	0.00096905	0.002595598	0.000787513	0.000113973	5.06191E-06	0.000476231	0	0.001233785	0.000796307	0.000997842	0.000177155	0	2.25051E-05	9.16818E-05	0	0.000280998	0.000509636	0	0	0.0001064	3.43224E-05	0	0.000752346	0.000241982	0	0	0.012001	0.00331	0.007437	0.006231	0.004528	0.001149
579245.014141196.41	579245.01	4141196	0.004665361	0.00278108	0.001533649	0.000926	0.000406073	6.80206E-05	0.000235064	1.87556E-05	0.001341912	0.001778239	0.002563066	0.004194151	0.000238725	1.14233E-05	0.000506091	0.000156533	0.000865543	0.002311832	0.000701417	0.000101512	4.50851E-06	0.000503418	0	0.001304099	0.00084169	0.00105471	0.000187245	0	2.38204E-05	9.69158E-05	0	0.000297012	0.00053868	0	0	0.000112474	3.62819E-05	0	0.000795222	0.000255773	0	0	0.010788	0.003228	0.00661	0.005602	0.004165	0.001063
578385.014141216.41	578385.01	4141216	0.000189704	0.000210323	0.000140709	8.49E-05	7.92399E-06	1.32733E-06	3.06615E-05	7.83434E-07	1.75068E-05	1.9285E-05	3.18235E-05	5.20754E-05	2.96406E-06	1.41834E-07	2.17747E-05	6.72817E-06	3.31466E-05	9.46915E-05	2.87297E-05	4.1579E-06	1.84666E-07	1.59802E-05	0	4.16576E-05	2.68866E-05	3.36912E-05	5.99605E-06	0	6.904E-07	3.07644E-06	0	9.48763E-06	1.72074E-05	0	0	3.57031E-06	1.15171E-06	0	2.54022E-05	8.17031E-06	0	0	0.000598	0.000153	0.000121	9.77E-05	0.000161	4.12E-05
578405.014141216.41	578405.01	4141216	0.000210695	0.000237566	0.000159265	9.61E-05	8.62675E-06	1.44505E-06	3.51591E-05	8.75717E-07	1.89348E-05	2.09436E-05	3.43458E-05	5.62028E-05	3.19898E-06	1.53075E-07	2.41742E-05	7.46942E-06	3.65846E-05	0.000105022	3.1864E-05	4.6115E-06	2.04813E-07	1.67155E-05	0	4.35682E-05	2.81197E-05	3.52365E-05	6.27072E-06	0	7.23712E-07	3.218E-06	0	9.92278E-06	1.79966E-05	0	0	3.73459E-06	1.20471E-06	0	2.65673E-05	8.54505E-06	0	0	0.000668	0.000168	0.000132	0.000105	0.000177	4.52E-05
578425.014141216.41	578425.01	4141216	0.000235634	0.000270288	0.000181869	0.00011	9.44482E-06	1.58209E-06	4.06839E-05	9.86607E-07	2.06075E-05	2.28912E-05	3.72545E-05	6.09625E-05	3.4699E-06	1.66039E-07	2.69622E-05	8.33032E-06	4.05061E-05	0.000117148	3.55431E-05	5.14396E-06	2.28461E-07	1.75602E-05	0	4.57638E-05	2.95368E-05	3.70122E-05	6.58638E-06	0	7.61826E-07	3.38062E-06	0	1.04228E-05	1.89035E-05	0	0	3.92331E-06	1.26558E-06	0	2.79062E-05	8.97566E-06	0	0	0.000751	0.000186	0.000145	0.000114	0.000195	4.99E-05
578445.014141216.41	578445.01	4141216	0.000265347	0.000309898	0.000213731	0.000129	1.04E-05	1.74208E-06	4.84392E-05	1.12061E-06	2.25478E-05	2.51636E-05	4.06246E-05	6.64774E-05	3.7838E-06	1.81059E-07	3.02239E-05	9.33708E-06	4.50211E-05	0.000131398	3.98666E-05	5.76968E-06	2.56251E-07	1.84909E-05	0	4.81815E-05	3.10972E-05	3.89675E-05	6.93391E-06	0	8.04141E-07	3.55979E-06	0	1.09735E-05	1.99022E-05	0	0	4.13124E-06	1.33266E-06	0	2.93805E-05	9.44986E-06	0	0	0.000856	0.000209	0.000162	0.000125	0.000216	5.53E-05
578465.014141216.41	578465.01	4141216	0.000302853	0.000358805	0.000248776	0.00015	1.17707E-05	1.97169E-06	5.70749E-05	1.28507E-06	2.4834E-05	2.78139E-05	4.45637E-05	7.29231E-05	4.15068E-06	1.98615E-07	3.40988E-05	1.05327E-05	5.03253E-05	0.000148351	4.50103E-05	6.5141E-06	2.89313E-07	1.96822E-05	0	5.12023E-05	3.30469E-05	4.14106E-05	7.36394E-06	0	8.76918E-07	3.78912E-06	0	1.16615E-05	2.115E-05	0	0	4.39739E-06	1.41851E-06	0	3.12225E-05	1.00423E-05	0	0	0.000981	0.000236	0.000181	0.000137	0.000242	6.19E-05
578485.014141216.41	578485.01	4141216	0.000346458	0.000419403	0.000292214	0.000176	1.31305E-05	2.19947E-06	6.77943E-05	1.48599E-06	2.79163E-05	3.08584E-05	4.9136E-05	8.04051E-05	4.57655E-06	2.18993E-07	3.86987E-05	1.19519E-05	5.65919E-05	0.000168452	5.11089E-05	7.39672E-06	3.28514E-07	2.08986E-05	0	5.43425E-05	3.50737E-05	4.39503E-05	7.8142E-06	0	9.37239E-07	4.02331E-06	0	1.23767E-05	2.24471E-05	0	0	4.66917E-06	1.50618E-06	0	3.31374E-05	1.06582E-05	0	0	0.001133	0.000269	0.000205	0.000151	0.000272	6.95E-05
578505.014141216.41	578505.01	4141216	0.000399128	0.000494616	0.000346026	0.000209	1.47297E-05	2.46734E-06	8.10413E-05	1.73013E-06	3.09872E-05	3.4321E-05	5.44166E-05	8.90463E-05	5.06839E-06	2.42528E-07	4.48036E-05	1.38328E-05	6.40406E-05	0.000192125	5.82913E-05	8.43619E-06	3.7468E-07	2.21306E-05	0	5.75301E-05	3.7131E-05	4.65283E-05	8.27165E-06	0	9.96511E-07	4.26048E-06	0	1.31026E-05	2.37638E-05	0	0	4.94422E-06	1.59497E-06	0	3.50811E-05	1.12834E-05	0	0	0.001319	0.000307	0.000232	0.000168	0.000307	7.84E-05
578525.014141216.41	578525.01	4141216	0.000470187	0.000595805	0.000415506	0.000251	1.66922E-05	2.79608E-06	9.80486E-05	2.04224E-06	3.47006E-05	3.86195E-05	6.20478E-05	0.000101534	5.77916E-06	2.7654E-07	5.16281E-05	1.59382E-05	7.33823E-05	0.000221378	6.71668E-05	9.7207E-06	4.31729E-07	2.38915E-05	0	6.20944E-05	4.00768E-05	5.02198E-05	8.92715E-06	0	1.07919E-06	4.59949E-06	0	1.41422E-05	2.56491E-05	0	0	5.33785E-06	1.72189E-06	0	3.78643E-05	1.21786E-05	0	0	0.001567	0.000358	0.000267	0.00019	0.00035	8.95E-05
578545.014141216.41	578545.01	4141216	0.000552258	0.000718172	0.000502107	0.000303	1.90158E-05	3.18531E-06	0.000119106	2.46584E-06	3.90159E-05	4.33195E-05	6.96468E-05	0.000113969	6.48694E-06	3.10408E-07	5.97688E-05	1.84504E-05	8.50004E-05	0.000260421	7.90126E-05	1.14351E-05	5.0787E-07	2.58428E-05	0	6.69182E-05	4.31902E-05	5.41211E-05	9.60669E-06	0	1.2297E-06	4.97514E-06	0	1.52408E-05	2.76417E-05	0	0	5.77381E-06	1.86252E-06	0	4.08058E-05	1.31247E-05	0	0	0.001865	0.000419	0.000308	0.000214	0.000407	0.000104
578565.014141216.41	578565.01	4141216	0.000653861	0.000872156	0.000611208	0.000369	2.17964E-05	3.65108E-06	0.000145417	2.94091E-06	4.40913E-05	4.87642E-05	7.86519E-05	0.000128704	7.32567E-06	3.50542E-07	6.95972E-05	2.14846E-05	9.87494E-05	0.000301549	9.1491E-05	1.3241E-05	5.88078E-07	2.76785E-05	0	7.16132E-05	4.62205E-05	5.79182E-05	1.02774E-05	0	1.33173E-06	5.32853E-06	0	1.63101E-05	2.95811E-05	0	0	6.18393E-06	1.99482E-06	0	4.36688E-05	1.40455E-05	0	0	0.002237	0.000495	0.000357	0.000242	0.000467	0.000119
578585.014141216.41	578585.01	4141216	0.000779553	0.00106446	0.000748416	0.000452	2.51296E-05	4.20942E-06	0.000178239	3.52748E-06	5.0094E-05	5.51061E-05	8.9342E-05	0.000146198	8.32136E-06	3.98186E-07	8.14392E-05	2.51419E-05	0.000115471	0.000350208	0.000106254	1.53776E-05	6.82972E-07	2.96937E-05	0	7.67844E-05	4.95581E-05	6.21005E-05	1.10171E-05	0	1.43947E-06	5.71649E-06	0	1.74879E-05	3.17171E-05	0	0	6.63416E-06	2.14005E-06	0	4.68221E-05	1.50597E-05	0	0	0.002699	0.000588	0.000416	0.000275	0.00054	0.000137
578605.014141216.41	578605.01	4141216	0.000932537	0.001300215	0.000918224	0.000554	2.90633E-05	4.86835E-06	0.000218545	4.24129E-06	5.71036E-05	6.24561E-05	0.000101889	0.000166729	9.48999E-06	4.54107E-07	9.54697E-05	2.94768E-05	0.000135372	0.000406745	0.000123408	1.78601E-05	7.9323E-07	3.18077E-05	0	8.22379E-05	5.30779E-05	6.65111E-05	1.17988E-05	0	1.54526E-06	6.12347E-06	0	1.87299E-05	3.39698E-05	0	0	7.10648E-06	2.29241E-06	0	5.01476E-05	1.61293E-05	0	0	0.003265	0.000703	0.000487	0.000313	0.000624	0.000158
578625.014141216.41	578625.01	4141216	0.001124551	0.001597282	0.00113594	0.000686	3.38913E-05	5.67707E-06	0.000269879	5.14161E-06	6.56765E-05	7.13606E-05	0.000117205	0.000191792	1.09165E-05	5.22369E-07	0.000112587	3.47665E-05	0.000159432	0.000474674	0.000144018	2.08429E-05	9.25705E-07	3.43875E-05	0	8.88807E-05	5.73652E-05	7.18836E-05	1.27503E-05	0	1.67746E-06	6.62013E-06	0	2.02428E-05	3.67137E-05	0	0	7.68286E-06	2.47834E-06	0	5.41983E-05	1.74322E-05	0	0	0.003981	0.000849	0.000576	0.00036	0.000726	0.000183

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579186.274141125.2	579186.27	4141125	0.007095206	0.004282044	0.002347011	0.001416	0.000556326	9.31893E-05	0.00033637	2.67464E-05	0.001659887	0.002246473	0.002904217	0.004752402	0.0002705	1.29437E-05	0.000683259	0.000211363	0.001148335	0.003004023	0.00091143	0.000131906	5.85842E-06	0.000331038	0	0.00085785	0.000553672	0.000693799	0.000123188	0	1.55885E-05	6.373E-05	0	0.000195378	0.000354349	0	0	7.39606E-05	2.38583E-05	0	0.000523105	0.00016825	0	0	0.014913	0.00322	0.007665	0.006147	0.004911	0.001217
579206.274141125.2	579206.27	4141125	0.006254818	0.003789715	0.002081303	0.001256	0.000499353	8.36458E-05	0.000302877	2.38855E-05	0.001521094	0.002050118	0.002719833	0.004450681	0.000253327	1.2122E-05	0.000617238	0.000190918	0.001032377	0.00274001	0.000831328	0.000120314	5.34354E-06	0.000347809	0	0.000901229	0.000581669	0.000728882	0.000129413	0	1.63987E-05	6.69586E-05	0	0.000205257	0.000372268	0	0	7.77075E-05	2.5067E-05	0	0.000549557	0.000176758	0	0	0.013375	0.003066	0.007119	0.005783	0.004538	0.001134
578386.274141145.2	578386.27	4141145	0.000201094	0.000225932	0.000150978	9.11E-05	8.20901E-06	1.37508E-06	3.28333E-05	8.2935E-07	1.86478E-05	2.12318E-05	3.33047E-05	5.44991E-05	3.10201E-06	1.48435E-07	2.31992E-05	7.16814E-06	3.48877E-05	0.000100716	3.05575E-05	4.42243E-06	1.96415E-07	1.46892E-05	0	3.82517E-05	2.46883E-05	3.09366E-05	5.50354E-06	0	6.44783E-07	2.82789E-06	0	8.71192E-06	1.58005E-05	0	0	3.28186E-06	1.05866E-06	0	2.33253E-05	7.50231E-06	0	0	0.000631	0.000155	0.000126	0.0001	0.000167	4.27E-05
578406.274141145.2	578406.27	4141145	0.000224397	0.000255043	0.000171706	0.000104	9.00097E-06	1.50774E-06	3.76757E-05	9.31387E-07	2.0352E-05	2.32511E-05	3.62134E-05	5.92588E-05	3.37293E-06	1.61399E-07	2.57209E-05	7.94606E-06	3.83275E-05	0.000111838	3.3932E-05	4.9108E-06	2.18105E-07	1.55057E-05	0	4.03773E-05	2.60602E-05	3.26557E-05	5.80933E-06	0	6.80797E-07	2.98508E-06	0	9.19603E-06	1.66785E-05	0	0	3.46428E-06	1.11751E-06	0	2.46215E-05	7.9192E-06	0	0	0.000707	0.000171	0.000139	0.000109	0.000184	4.7E-05
578426.274141145.2	578426.27	4141145	0.000252104	0.000290157	0.000196862	0.000119	9.92565E-06	1.66263E-06	4.35674E-05	1.05383E-06	2.23042E-05	2.55098E-05	3.95728E-05	6.47561E-05	3.68583E-06	1.76371E-07	2.86846E-05	8.86026E-06	4.23517E-05	0.000124891	3.78923E-05	5.48395E-06	2.43561E-07	1.64812E-05	0	4.29207E-05	2.77018E-05	3.47128E-05	6.17545E-06	0	7.22812E-07	3.17288E-06	0	9.7753E-06	1.77291E-05	0	0	3.68223E-06	1.18782E-06	0	2.61725E-05	8.41804E-06	0	0	0.000799	0.000191	0.000154	0.000119	0.000203	5.2E-05
578446.274141145.2	578446.27	4141145	0.000283438	0.000330964	0.000225877	0.000136	1.09482E-05	1.83392E-06	5.03688E-05	1.19278E-06	2.44245E-05	2.79524E-05	4.3222E-05	7.07277E-05	4.02572E-06	1.92635E-07	3.2001E-05	9.88335E-06	4.68893E-05	0.000139431	4.23037E-05	6.12239E-06	2.71916E-07	1.71444E-05	0	4.4627E-05	2.88031E-05	3.60927E-05	6.41977E-06	0	7.57174E-07	3.30057E-06	0	1.01639E-05	1.84339E-05	0	0	3.83041E-06	1.23562E-06	0	2.72129E-05	8.7527E-06	0	0	0.000902	0.000212	0.00017	0.000129	0.000225	5.75E-05
578466.274141145.2	578466.27	4141145	0.000321438	0.000381428	0.00026166	0.000158	1.21645E-05	2.03765E-06	5.87184E-05	1.36204E-06	2.68837E-05	3.07131E-05	4.75153E-05	7.7753E-05	4.42559E-06	2.1177E-07	3.59715E-05	1.11084E-05	5.23471E-05	0.000156731	4.75528E-05	6.88207E-06	3.05656E-07	1.80695E-05	0	4.70228E-05	3.03494E-05	3.80304E-05	6.76372E-06	0	8.0114E-07	3.47867E-06	0	1.07096E-05	1.94236E-05	0	0	4.0371E-06	1.30229E-06	0	2.86739E-05	9.22259E-06	0	0	0.00103	0.000238	0.000189	0.000142	0.00025	6.4E-05
578486.274141145.2	578486.27	4141145	0.000370408	0.000445639	0.000312436	0.000189	1.3929E-05	2.33322E-06	7.02852E-05	1.57332E-06	3.02054E-05	3.39186E-05	5.27208E-05	8.62713E-05	4.91044E-06	2.3497E-07	4.08836E-05	1.26243E-05	5.91691E-05	0.000177856	5.39619E-05	7.80962E-06	3.46852E-07	1.95733E-05	0	5.08642E-05	3.28287E-05	4.11372E-05	7.31222E-06	0	8.85921E-07	3.76817E-06	0	1.15845E-05	2.10103E-05	0	0	4.37308E-06	1.41067E-06	0	3.10163E-05	9.97601E-06	0	0	0.001199	0.000276	0.000215	0.000158	0.000282	7.21E-05
578506.274141145.2	578506.27	4141145	0.000429882	0.000522595	0.000366649	0.000221	1.56565E-05	2.6226E-06	8.26812E-05	1.82001E-06	3.35532E-05	3.74754E-05	5.85918E-05	9.58784E-05	5.45727E-06	2.61136E-07	4.71947E-05	1.45698E-05	6.71686E-05	0.000201876	6.12498E-05	8.86436E-06	3.93697E-07	2.0834E-05	0	5.41326E-05	3.49382E-05	4.37805E-05	7.78165E-06	0	9.44892E-07	4.01086E-06	0	1.23288E-05	2.23604E-05	0	0	4.65473E-06	1.50153E-06	0	3.30093E-05	1.0617E-05	0	0	0.001394	0.000316	0.000242	0.000176	0.000318	8.11E-05
578526.274141145.2	578526.27	4141145	0.000497465	0.00061968	0.000432754	0.000261	1.7693E-05	2.96373E-06	9.76744E-05	2.11742E-06	3.74594E-05	4.17537E-05	6.66953E-05	0.000109139	6.21203E-06	2.97253E-07	5.39456E-05	1.66545E-05	7.68287E-05	0.000230048	6.97973E-05	1.01014E-05	4.48637E-07	2.22924E-05	0	5.79015E-05	3.73707E-05	4.68287E-05	8.32229E-06	0	1.01617E-06	4.29162E-06	0	1.31872E-05	2.39172E-05	0	0	4.98056E-06	1.60663E-06	0	3.53076E-05	1.13562E-05	0	0	0.00163	0.000363	0.000275	0.000198	0.00036	9.17E-05
578546.274141145.2	578546.27	4141145	0.000576528	0.000727493	0.000510626	0.000308	2.00188E-05	3.35332E-06	0.000115199	2.46074E-06	4.18761E-05	4.61208E-05	7.3221E-05	0.000119817	6.81983E-06	3.26337E-07	6.17048E-05	1.90516E-05	8.79839E-05	0.000261637	7.93816E-05	1.14885E-05	5.10243E-07	2.34995E-05	0	6.10039E-05	3.9373E-05	4.93378E-05	8.76634E-06	0	1.07949E-06	4.52401E-06	0	1.38938E-05	2.51987E-05	0	0	5.25025E-06	1.69363E-06	0	3.71993E-05	1.19647E-05	0	0	0.001899	0.000417	0.00031	0.000219	0.000408	0.000103
578566.274141145.2	578566.27	4141145	0.000672543	0.000862044	0.000606126	0.000366	2.27929E-05	3.818E-06	0.000136531	2.87759E-06	4.71302E-05	5.15153E-05	8.24729E-05	0.000134957	7.68156E-06	3.67571E-07	7.09397E-05	2.19057E-05	0.000101378	0.000298846	9.06708E-05	1.31223E-05	5.82807E-07	2.50454E-05	0	6.4994E-05	4.19483E-05	5.25649E-05	9.33842E-06	0	1.15632E-06	4.82163E-06	0	1.48026E-05	2.68469E-05	0	0	5.59565E-06	1.80505E-06	0	3.96325E-05	1.27473E-05	0	0	0.002231	0.000483	0.000354	0.000246	0.000464	0.000117
578586.274141145.2	578586.27	4141145	0.000786107	0.001020693	0.000720308	0.000435	2.60195E-05	4.35848E-06	0.000161892	3.36842E-06	5.32501E-05	5.77614E-05	9.3163E-05	0.00015245	8.67724E-06	4.15216E-07	8.16463E-05	2.52156E-05	0.000116832	0.000341229	0.00010353	1.49834E-05	6.65462E-07	2.65864E-05	0	6.89699E-05	4.45144E-05	5.57804E-05	9.90837E-06	0	1.2333E-06	5.1183E-06	0	1.57081E-05	2.84892E-05	0	0	5.93994E-06	1.91611E-06	0	4.20569E-05	1.35271E-05	0	0	0.002623	0.000561	0.000406	0.000278	0.000527	0.000133
578606.274141145.2	578606.27	4141145	0.000924888	0.001214321	0.000862156	0.00052	2.99271E-05	5.01304E-06	0.000193272	3.97404E-06	6.069E-05	6.54406E-05	0.000106236	0.000173842	9.89486E-06	4.7348E-07	9.44312E-05	2.91682E-05	0.000135088	0.000391587	0.000118809	1.71946E-05	7.6367E-07	2.87442E-05	0	7.45406E-05	4.81099E-05	6.02859E-05	1.07072E-05	0	1.34014E-06	5.53369E-06	0	1.69768E-05	3.07903E-05	0	0	6.42202E-06	2.07162E-06	0	4.54539E-05	1.46197E-05	0	0	0.003105	0.000659	0.000469	0.000316	0.000603	0.000151
578626.274141145.2	578626.27	4141145	0.001092028	0.001454118	0.001036223	0.000625	3.4594E-05	5.79479E-06	0.000231656	4.78028E-06	6.96471E-05	7.5118E-05	0.000124106	0.000203085	1.15593E-05	5.53127E-07	0.000109423	3.38025E-05	0.000156469	0.0004555	0.0001382	2.0001E-05	8.88312E-07	3.13358E-05	0	8.11914E-05	5.24024E-05	6.56647E-05	1.16585E-05	0	1.47864E-06	6.03263E-06	0	1.84916E-05	3.35375E-05	0	0	7.00106E-06	2.25841E-06	0	4.95094E-05	1.59241E-05	0	0	0.003695	0.000778	0.000549	0.000365	0.000698	0.000175
578646.274141145.2	578646.27	4141145	0.001288783	0.001732507	0.001244872	0.000751	4.00333E-05	6.70592E-06	0.000277483	5.6641E-06	8.01841E-05	8.62674E-05	0.000142471	0.000233136	1.32698E-05	6.34974E-07	0.000126546	3.90944E-05	0.000179995	0.000522754	0.000158605	2.29541E-05	1.01947E-06	3.39612E-05	0	8.78833E-05	5.67215E-05	7.10769E-05	1.26132E-05	0	1.63034E-06	6.53806E-06	0	2.00157E-05	3.63017E-05	0	0	7.58762E-06	2.44762E-06	0	5.35901E-05	1.72366E-05	0	0	0.004388	0.000919	0.00064	0.000417	0.000798	0.0002
578666.274141145.2	578666.27	4141145	0.001520084	0.002053204	0.00149388	0.000902	4.63516E-05	7.76429E-06	0.000331811	6.59579E-06	9.25443E-05	9.90878E-05	0.000160964	0.000263398	1.49922E-05	7.17396E-07	0.000145971	4.50962E-05	0.000205626	0.000591697	0.00017952	2.59809E-05	1.1539E-06	3.63472E-05	0	9.41531E-05	6.07681E-05	7.61477E-05	1.35184E-05	0	1.72082E-06	6.99739E-06	0	2.14436E-05	3.88915E-05	0	0	8.12069E-06	2.61958E-06	0	5.74133E-05	1.84663E-05	0	0	0.005198	0.001085	0.000742	0.000472	0.000902	0.000225
578686.274141145.2	578686.27	4141145	0.001803173	0.002461119	0.001802289	0.001088	5.39884E-05	9.04352E-06	0.00039835	7.84589E-06	0.000107572	0.000115314	0.000186251	0.000304777	1.73475E-05	8.30097E-07	0.000168839	5.21585E-05	0.000235751	0.00067991	0.000206287	2.98548E-05	1.32595E-06	3.95063E-05	0	0.00010228	6.60132E-05	8.27203E-05	1.46821E-05	0	1.88468E-06	7.60558E-06	0	2.32945E-05	4.22484E-05	0	0	8.8265E-06	2.84726E-06	0	6.23688E-05	2.00601E-05	0	0	0.006208	0.00129	0.000872	0.000543	0.001033	0.000258
578706.274141145.2	578706.27	4141145	0.002147887	0.002966846	0.00217927	0.001315	6.31352E-05	1.05757E-05	0.000478122	9.35739E-06	0.000125586	0.000134876	0.000216293	0.000353937	2.01456E-05	9.6399E-07	0.000195612	6.04247E-05	0.000270475	0.000782846	0.000237518	3.43747E-05	1.5267E-06	4.3167E-05	0	0.000111687	7.20851E-05	9.03288E-05	1.60285E-05	0	2.0769E-06	8.31032E-06	0	2.54371E-05	4.61344E-05	0	0	9.64438E-06	3.11109E-06	0	6.81055E-05	2.19053E-05	0	0	0.007449	0.001541	0.001027	0.000626	0.001185	0.000295
578726.274141145.2	578726.27	4141145	0.002578531	0.003628057	0.002647786	0.001598	7.43858E-05	1.24603E-05	0.000574282	1.14419E-05	0.000147573	0.000159194	0.000256155	0.000419167	2.38584E-05	1.14165E-06	0.000227914	7.03962E-05	0.000313009	0.000921369	0.000279546	4.04573E-05	1.79685E-06	4.80727E-05	0	0.000124002	8.00329E-05	0.000100288	1.77743E-05	0	2.40822E-06	9.25473E-06	0	2.82417E-05	5.1221E-05	0	0	1.07404E-05	3.46464E-06	0	7.56145E-05	2.43205E-05	0	0	0.009026	0.001853	0.001219	0.000734	0.001384	0.000346
578746.274141145.2	578746.27	4141145	0.003095479	0.004412579	0.003198013	0.00193	8.76817E-05	1.46874E-05	0.000682356	1.36122E-05	0.000173266	0.000186871	0.000298884	0.000489087	2.78382E-05	1.33209E-06	0.000265516	8.20049E-05	0.000361148	0.001067462	0.000323871	4.68722E-05	2.08175E-06	5.30443E-05	0	0.000136734	8.82506E-05	0.000110586	1.95942E-05	0	2.68042E-06	1.02119E-05	0	3.11415E-05	5.64803E-05	0	0	1.18512E-05	3.82296E-06	0	8.33785E-05	2.68177E-05	0	0	0.010896	0.002217	0.001433	0.000852	0.001598	0.0004
578766.274141145.2	578766.27	4141145	0.003718032	0.005356958	0.003833912	0.002314	0.00010351	1.73388E-05	0.000800141	1.61418E-05	0.000203336	0.000219018	0.000348975	0.000571055	3.25037E-05	1.55534E-06	0.000309741	9.56615E-05	0.000417781	0.001236976	0.000375302	5.43155E-05	2.41234E-06	5.87851E-05	0	0.000151445	9.77457E-05	0.000122484	2.16974E-05	0	2.99238E-06	1.1317E-05	0	3.44921E-05	6.25571E-05	0	0	1.31338E-05	4.2367E-06	0	9.23494E-05	2.9703E-05	0	0	0.013119	0.002638	0.001675	0.000991	0.001847	0.000462
578786.274141145.2	578786.27	4141145	0.004470944	0.006472648	0.004554347	0.002749	0.000122565	2.05307E-05	0.000923793	1.90239E-05	0.000238831	0.000256624	0.000408425	0.000668339	3.80409E-05	1.8203E-06	0.000362373	0.00011192	0.000485729	0.001435279	0.000435468	6.3023E-05	2.79907E-06	6.56746E-05	0	0.00016912	0.000109153	0.000136778	2.42253E-05	0	3.36197E-06	1.26434E-05	0	3.85174E-05	6.98577E-05	0	0	1.4673E-05	4.73324E-06	0	0.000103127	3.31695E-05	0	0	0.015733	0.003117	0.001946	0.001155	0.002141	0.000534
578806.274141145.2	578806.27	4141145	0.005376744	0.007745864	0.005343144	0.003225	0.000145636	2.43953E-05	0.001046479	2.22456E-05	0.000281102	0.000300978	0.000479607	0.000784819	4.46708E-05	2.13755E-06	0.000425253	0.000131356	0.000568242	0.001667374	0.000505887	7.32143E-05	3.2517E-06	7.4127E-05	0	0.000190823	0.000123161	0.000154331	2.73307E-05	0	3.81033E-06	1.42706E-05	0	4.34605E-05	7.88228E-05	0	0	1.65615E-05	5.34241E-06	0	0.000116361	3.74262E-05	0	0	0.018731	0.003648	0.002244	0.001352	0.002489	0.00062
578826.274141145.2	578826.27	4141145	0.006430013	0.009106435	0.006150074	0.003712	0.00017307	2.89907E-05	0.001156505	2.56898E-05	0.000330962	0.000352934	0.000563829	0.000922639	5.25153E-05	2.51292E-06	0.000498779	0.0001541	0.000667375	0.001932313	0.00058627	8.48477E-05	3.76838E-06	8.42684E-05	0	0.000216958	0.000140029	0.000175468	3.10754E-05	0	4.32457E-06	1.6223E-05	0	4.94127E-05	8.96181E-05	0	0	1.88273E-05	6.07331E-06	0	0.000132298	4.2552E-05	0	0	0.021988	0.0042	0.00256	0.001585	0.002892	0.000717
578846.274141145.2	578846.27	4141145	0.007591452	0.010435919	0.006903045	0.004166	0.000204727	3.42935E-05	0.001241149	2.9162E-05	0.000388708	0.000412906	0.000661285	0.001082114	6.15924E-05	2.94727E-06	0.000581771	0.000179799	0.000783648	0.002223185	0.000674521	9.76199E-05	4.33563E-06	9.602E-05	0	0.00024741	0.000159683	0.000200097	3.54484E-05	0	4.87812E-06	1.84853E-05	0	5.63484E-05	0.000102197	0	0	2.14528E-05	6.92026E-06	0	0.000150868	4.85246E-05	0	0	0.025274	0.004731	0.002883	0.001852	0.003344	0.000825
578866.274141145.2	578866.27	4141145	0.008887502	0.01169831	0.007591977	0.004582	0.000243094	4.07202E-05	0.001299222	3.27561E-05	0.000459819	0.000486378	0.000780476	0.001277156	7.26939E-05	3.47849E-06	0.000678676	0.000209841	0.000924756	0.002553833	0.000774841	0.000112139	4.98046E-06	0.000110514	0	0.000285053	0.000183979	0.000230541	4.08587E-05	0	5.53941E-06	2.12756E-05	0	6.49217E-05	0.000117746	0	0	2.4691E-05	7.96484E-06	0	0.000173822	5.59076E-05	0	0	0.028573	0.00524	0.003232	0.002174	0.00387	0.000948
578886.274141145.2	578886.27	4141145	0.010235909	0.012751422	0.008135856	0.00491	0.000288092	4.82578E-05	0.001322326	3.62507E-05	0.000545671	0.000575495	0.000922743	0.001509958	8.59447E-05	4.11255E-06	0.000785971	0.000243147	0.001088642	0.002911204	0.000883269	0.000127831	5.6774E-06	0.000127182	0	0.000328489	0.000212013	0.00026567	4.71098E-05	0	6.26342E-06	2.44845E-05	0	7.48141E-05	0.000135688	0	0	2.8415E-05	9.16612E-06	0	0.000200308	6.44265E-05	0	0	0.031579	0.005676	0.003603	0.00255	0.004452	0.001081
578906.274141145.2	578906.27	4141145	0.011570154	0.013507062	0.008488651	0.005123	0.000340322	5.70069E-05	0.001310216	3.95324E-05	0.000649353	0.000684801	0.001091971	0.00178688	0.000101707	4.86678E-06	0.000899894	0.000278555	0.001272472	0.003285201	0.00099674	0.000144253	6.40677E-06	0.000145517	0	0.000376363	0.000242911	0.000304389	5.40049E-05	0	7.03635E-06	2.80144E-05	0	8.57176E-05	0.000155463	0	0	3.25115E-05	1.04876E-05	0	0.000229501	7.38161E-05	0	0	0.034088	0.006011	0.004008	0.002981	0.005076	0.001221
578926.274141145.2	578926.27	4141145	0.012816375	0.013908115	0.008620905	0.005203	0.000399896	6.6986E-05	0.001266671	4.24856E-05	0.000773497	0.000819364	0.001290812	0.002112259	0.000120227	5.75299E-06	0.001013712	0.000313966	0.001468628	0.0036597	0.001110365	0.000160697	7.13711E-06	0.000164616	0	0.000426267	0.000275121	0.00034475	6.11946E-05	0	7.83179E-06	3.16912E-05	0	9.70835E-05	0.000176077	0	0	3.67786E-05	1.18641E-05	0	0.000259932	8.36039E-05	0	0	0.035936	0.006223	0.004458	0.003465	0.005714	0.001362
578946.274141145.2	578946.27	4141145	0.013879117	0.013919986	0.008516084	0.00514	0.000465107	7.79093E-05	0.001197057	4.49296E-05	0.000917426	0.00098196	0.001516378	0.002481371	0.000141236	6.75831E-06	0.001116898	0.000346095	0.001662028	0.004008209	0.001216103	0.000176	7.81677E-06	0.000183091	0	0.000474576	0.0003063	0.00038382	6.81564E-05	0	8.59241E-06	3.52478E-05	0	0.000108086	0.000196032	0	0	4.09061E-05	1.31955E-05	0	0.00028939	9.30786E-05	0	0	0.036973	0.006295	0.004956	0.003983	0.006319	0.001493
578966.274141145.2	578966.27	4141145	0.014723513	0.013597745	0.008206917	0.004953	0.000535628	8.97223E-05	0.001111507	4.68686E-05	0.001083473	0.001178524	0.001770494	0.002897201	0.000164905	7.89088E-06	0.001202536	0.00037277	0.00184008	0.004316613	0.001309674	0.000189542	8.41822E-06	0.000200526	0	0.000520085	0.000335672	0.000420626	7.47101E-05	0	9.33083E-06	3.86043E-05	0	0.000118451	0.00021483	0	0	4.48015E-05	1.44521E-05	0	0.000317141	0.000102004	0	0	0.037249	0.006245	0.005522	0.004532	0.006861	0.00161
578986.274141145.2	578986.27	4141145	0.015311174	0.013012569	0.007738358	0.00467	0.000609775	0.000102142	0.001019028	4.82905E-05	0.001271328	0.001412348	0.002051872	0.003357642	0.000191112	9.14494E-06	0.001264195	0.000391972	0.001988039	0.004569117	0.001386285	0.00020063	8.91065E-06	0.000216715	0	0.00056222	0.000362867	0.000454704	8.07711E-05	0	1.00475E-05	4.17211E-05	0	0.000128047	0.000232235	0	0	4.84186E-05	1.56189E-05	0	0.000342834	0.000110268	0	0	0.036841	0.006098	0.006166	0.005103	0.007308	0.001706
579006.274141145.2	579006.27	4141145	0.015570982	0.012215033	0.007150156	0.004315	0.000682192	0.000114273	0.000924724	4.90555E-05	0.001471958	0.001676747	0.002348158	0.003842479	0.000218709	1.04655E-05	0.001295435	0.000401689	0.002089121	0.004743535	0.001439204	0.000208288	9.2508E-06	0.000231309	0	0.000600076	0.0003873	0.00048532	8.62094E-05	0	1.0725E-05	4.45305E-05	0	0.000136669	0.000247872	0	0	5.16791E-05	1.66707E-05	0	0.000365918	0.000117693	0	0	0.035768	0.00587	0.006863	0.005667	0.007617	0.001774
579026.274141145.2	579026.27	4141145	0.015447657	0.011257868	0.006484714	0.003914	0.000745579	0.000124891	0.000831852	4.90165E-05	0.001669807	0.001955514	0.002640355	0.004320624	0.000245924	1.17677E-05	0.001293344	0.000401014	0.002131332	0.00482334	0.001463417	0.000211792	9.40643E-06	0.000244213	0	0.000633447	0.000408838	0.00051231	9.09976E-05	0	1.13503E-05	4.70149E-05	0	0.000144269	0.000261656	0	0	5.45622E-05	1.76007E-05	0	0.000386268	0.000124238	0	0	0.034068	0.00558	0.007565	0.006188	0.00776	0.001809
579046.274141145.2	579046.27	4141145	0.014944355	0.010211438	0.00579127	0.003495	0.000793447	0.000132909	0.000743602	4.81349E-05	0.00184846	0.002228117	0.002910699	0.004763011	0.000271104	1.29726E-05	0.001260172	0.000390655	0.002112962	0.004805826	0.001458103	0.000211023	9.37228E-06	0.000255883	0	0.000663582	0.000428288	0.000536682	9.5319E-05	0	1.19263E-05	4.92614E-05	0	0.000151133	0.000274104	0	0	5.71694E-05	1.84417E-05	0	0.000404643	0.000130148	0	0	0.031867	0.005254	0.00822	0.006639	0.007733	0.001809
579066.274141145.2	579066.27	4141145	0.014139887	0.00916386	0.005125912	0.003094	0.000822241	0.000137732	0.000663716	4.65425E-05	0.001995878	0.002476336	0.003148855	0.005152724	0.000293286	1.40341E-05	0.001203416	0.000372954	0.002043608	0.004705497	0.001427663	0.000206618	9.17661E-06	0.000267776	0	0.000694243	0.000448077	0.000561479	9.9713E-05	0	1.25262E-05	5.1551E-05	0	0.000158116	0.000286769	0	0	5.98265E-05	1.92989E-05	0	0.00042334	0.000136162	0	0	0.029392	0.004925	0.008791	0.00701	0.007565	0.00178
579086.274141145.2	579086.27	4141145	0.013116942	0.008166325	0.004518585	0.002727	0.000828851	0.00013884	0.000592984	4.43279E-05	0.00209787	0.002675466	0.003338294	0.005462718	0.00031093	1.48784E-05	0.001130463	0.00035022	0.001934378	0.004536523	0.001376395	0.000199198	8.84708E-06	0.000280856	0	0.000727955	0.000469836	0.000588745	0.000104544	0	1.31883E-05	5.40691E-05	0	0.000165794	0.000300694	0	0	6.27489E-05	2.02416E-05	0	0.000443898	0.000142774	0	0	0.026811	0.004614	0.009225	0.007282	0.007285	0.001727
579106.274141145.2	579106.27	4141145	0.011901494	0.007206001	0.003954484	0.002387	0.000809154	0.00013554	0.000527845	4.13757E-05	0.002134054	0.002786255	0.003445238	0.005637719	0.000320891	1.5355E-05	0.001043624	0.00032319	0.001789928	0.00429657	0.001303593	0.000188662	8.37913E-06	0.000293758	0	0.000761282	0.000491345	0.000615698	0.000109329	0	1.38229E-05	5.65529E-05	0	0.000173384	0.00031446	0	0	6.56314E-05	2.11714E-05	0	0.000464219	0.00014931	0	0	0.024117	0.004303	0.009423	0.007398	0.006895	0.00165
579126.274141145.2	579126.27	4141145	0.010654183	0.006343834	0.003464607	0.002091	0.000770004	0.000128982	0.000470972	3.80862E-05	0.002112137	0.002809759	0.003476632	0.005689092	0.000323815	1.54949E-05	0.000954043	0.000295335	0.001632352	0.004021068	0.001220005	0.000176565	7.84185E-06	0.000308361	0	0.000799025	0.000515705	0.000646223	0.000114738	0	1.45359E-05	5.93643E-05	0	0.00018198	0.000330051	0	0	6.88941E-05	2.22239E-05	0	0.000487234	0.000156713	0	0	0.02157	0.004023	0.009407	0.007381	0.006458	0.001561
579146.274141145.2	579146.27	4141145	0.009403147	0.005556479	0.003026539	0.001827	0.000713785	0.000119565	0.000419374	3.44783E-05	0.002030099	0.002734031	0.003417998	0.005593143	0.000318354	1.52336E-05	0.000862918	0.000267035	0.001468085	0.003712433	0.001126364	0.000163013	7.23995E-06	0.000323033	0	0.000837033	0.000540237	0.000676963	0.000120195	0	1.52296E-05	6.21888E-05	0	0.000190637	0.000345751	0	0	7.21721E-05	2.32813E-05	0	0.000510412	0.000164168	0	0	0.019146	0.003758	0.009144	0.007208	0.005981	0.001461
579166.274141145.2	579166.27	4141145	0.008236049	0.004863175	0.002647723	0.001598	0.000648459	0.000108622	0.000373844	3.0851E-05	0.001904185	0.002579738	0.003284983	0.005375481	0.000305965	1.46408E-05	0.000776152	0.000240122	0.001311375	0.003395012	0.001030057	0.000149075	6.62092E-06	0.000338536	0	0.00087722	0.000566174	0.000709465	0.000125967	0	1.59563E-05	6.51734E-05	0	0.000199789	0.000362351	0	0	7.56357E-05	2.43986E-05	0	0.000534917	0.000172049	0	0	0.016963	0.003522	0.008689	0.00691	0.005506	0.001358
579186.274141145.2	579186.27	4141145	0.007186111	0.004259816	0.002322488	0.001402	0.00057997	9.71498E-05	0.000333861	2.73702E-05	0.001749643	0.002369987	0.003092614	0.005060692	0.000288048	1.37834E-05	0.000696024	0.000215297	0.001169199	0.003082475	0.000935233	0.000135351	6.01141E-06	0.000354803	0	0.000919393	0.000593393	0.000743573	0.000132024	0	1.67179E-05	6.8305E-05	0	0.000209394	0.000379771	0	0	7.92701E-05	2.5571E-05	0	0.000560633	0.000180321	0	0	0.015043	0.003319	0.008097	0.006518	0.005053	0.001257
579206.274141145.2	579206.27	4141145	0.006284626	0.003748336	0.002050707	0.001238	0.000514696	8.62159E-05	0.000299682	2.42293E-05	0.001586349	0.002137368	0.002867145	0.004691738	0.000267047	1.27785E-05	0.000625313	0.00019341	0.001047257	0.002792743	0.000847327	0.000122629	5.44638E-06	0.000373046	0	0.000966605	0.000623865	0.000781756	0.0001388	0	1.75925E-05	7.18171E-05	0	0.000220147	0.000399273	0	0	8.33459E-05	2.68858E-05	0	0.000589423	0.000189581	0	0	0.013423	0.003158	0.007449	0.006079	0.00465	0.001165
578723.624141929.5	578723.62	4141930	0.001706654	0.001362004	0.000631556	0.000381	0.000118253	1.98083E-05	0.000147229	6.78816E-06	0.000339295	0.000459045	0.000586197	0.000959241	5.45987E-05	2.61261E-06	0.000353684	0.000109553	0.000701323	0.001676797	0.000508745	7.3628E-05	3.27007E-06	0.000104798	0	0.000272069	0.000175598	0.00022004	3.90976E-05	0	4.80984E-06	2.01752E-05	0	6.19645E-05	0.000112383	0	0	2.3414E-05	7.5529E-06	0	0.000165904	5.3361E-05	0	0	0.004077	0.000895	0.001684	0.001506	0.002661	0.000639
578743.624141929.5	578743.62	4141930	0.001585731	0.00124364	0.00057593	0.000348	0.000117718	1.97187E-05	0.000135552	6.50591E-06	0.000352489	0.000480192	0.000615262	0.001006803	5.73058E-05	2.74215E-06	0.000336496	0.000104171	0.000671731	0.001639897	0.00049755	7.20078E-05	3.19811E-06	0.000110299	0	0.000286331	0.000184803	0.000231575	4.1146E-05	0	5.06734E-06	2.12343E-05	0	6.52127E-05	0.000118274	0	0	2.46431E-05	7.94938E-06	0	0.000174601	5.61582E-05	0	0	0.003802	0.000882	0.001742	0.001546	0.002598	0.000629
578763.624141929.5	578763.62	4141930	0.001462721	0.001130162	0.000525176	0.000317	0.000114833	1.92354E-05	0.000123094	6.15073E-06	0.000359544	0.000492598	0.000635022	0.001039137	5.91462E-05	2.83021E-06	0.000310516	9.61001E-05	0.000620243	0.001555884	0.00047206	6.83187E-05	3.03427E-06	0.000115151	0	0.000298891	0.00019291	0.000241733	4.2949E-05	0	5.29917E-06	2.21684E-05	0	6.80733E-05	0.000123462	0	0	2.57271E-05	8.29907E-06	0	0.00018226	5.86216E-05	0	0	0.003532	0.000866	0.001774	0.001561	0.002463	0.000602
578783.624141929.5	578783.62	4141930	0.001342084	0.001025315	0.000479945	0.00029	0.000109774	1.83881E-05	0.000110683	5.74273E-06	0.000359175	0.000493945	0.000642631	0.001051589	5.9855E-05	2.86413E-06	0.000279691	8.65214E-05	0.000554774	0.001435009	0.000435386	6.30111E-05	2.79854E-06	0.000119186	0	0.000309315	0.000199638	0.000250163	4.4444E-05	0	5.49739E-06	2.29452E-05	0	7.04474E-05	0.000127768	0	0	2.66286E-05	8.58988E-06	0	0.000188616	6.06661E-05	0	0	0.003276	0.000849	0.001774	0.001548	0.002274	0.000562
578803.624141929.5	578803.62	4141930	0.001225962	0.000931157	0.000439987	0.000266	0.000102979	1.72499E-05	9.91125E-05	5.30112E-06	0.000350526	0.000482553	0.000636406	0.001041403	5.92752E-05	2.83639E-06	0.000248294	7.6787E-05	0.00048574	0.001291717	0.000391911	5.67192E-05	2.51909E-06	0.000122246	0	0.000317189	0.000204719	0.000256531	4.55715E-05	0	5.65525E-06	2.35342E-05	0	7.22406E-05	0.00013102	0	0	2.73122E-05	8.81037E-06	0	0.000193417	6.22103E-05	0	0	0.003037	0.00083	0.001738	0.00151	0.002056	0.000513
578823.624141929.5	578823.62	4141930	0.001116408	0.000847035	0.000404625	0.000244	9.51074E-05	1.59313E-05	8.89103E-05	4.84811E-06	0.000333702	0.000458098	0.000616131	0.001008225	5.73868E-05	2.74602E-06	0.000219589	6.79066E-05	0.000422694	0.00114267	0.00034669	5.01746E-05	2.22842E-06	0.000124095	0	0.000321901	0.000207761	0.000260342	4.62437E-05	0	5.76239E-06	2.38902E-05	0	7.33138E-05	0.000132967	0	0	2.77253E-05	8.94364E-06	0	0.000196291	6.31345E-05	0	0	0.002814	0.000807	0.001667	0.001449	0.001839	0.000462
578843.624141929.5	578843.62	4141930	0.001015629	0.000770653	0.000372827	0.000225	8.67548E-05	1.45322E-05	8.00838E-05	4.4134E-06	0.000309927	0.000422698	0.000583331	0.000954552	5.43317E-05	2.59984E-06	0.000194728	6.02276E-05	0.000371086	0.001004688	0.000304825	4.41158E-05	1.95933E-06	0.000125118	0	0.000324463	0.000209414	0.000262414	4.66065E-05	0	5.83306E-06	2.40871E-05	0	7.38972E-05	0.000134025	0	0	2.79539E-05	9.01737E-06	0	0.000197853	6.36369E-05	0	0	0.002609	0.000784	0.001565	0.001368	0.001643	0.000415
578863.624141929.5	578863.62	4141930	0.000925491	0.000700689	0.000343939	0.000208	7.85328E-05	1.31549E-05	7.24533E-05	4.0072E-06	0.000282059	0.000381168	0.000541172	0.000885563	5.0405E-05	2.41194E-06	0.000173521	5.3679E-05	0.000329689	0.000883852	0.000268163	3.88099E-05	1.72368E-06	0.000125437	0	0.000325202	0.000209891	0.000263012	4.67078E-05	0	5.87013E-06	2.41486E-05	0	7.40657E-05	0.00013433	0	0	2.80252E-05	9.04037E-06	0	0.000198304	6.3782E-05	0	0	0.002421	0.000759	0.001445	0.001274	0.001475	0.000372
578883.624141929.5	578883.62	4141930	0.000846025	0.000637505	0.000317433	0.000192	7.08438E-05	1.18669E-05	6.57216E-05	3.63777E-06	0.000253522	0.000339523	0.000493946	0.000808284	4.60064E-05	2.20146E-06	0.000155156	4.80028E-05	0.000295006	0.000781591	0.000237137	3.43196E-05	1.52425E-06	0.000125422	0	0.000325092	0.00020982	0.000262923	4.66878E-05	0	5.88753E-06	2.41457E-05	0	7.40405E-05	0.000134285	0	0	2.80218E-05	9.0393E-06	0	0.000198237	6.37603E-05	0	0	0.002251	0.000735	0.001319	0.001174	0.001332	0.000337
578903.624141929.5	578903.62	4141930	0.000775807	0.000581355	0.0002931	0.000177	6.39445E-05	1.07113E-05	5.97272E-05	3.30525E-06	0.000227271	0.000302375	0.000445937	0.000729723	4.15348E-05	1.98749E-06	0.000138971	4.2994E-05	0.00026373	0.000694894	0.000210833	3.05127E-05	1.35517E-06	0.000125048	0	0.000324066	0.000209158	0.000262093	4.65373E-05	0	5.88423E-06	2.40737E-05	0	7.38069E-05	0.000133861	0	0	2.79383E-05	9.01235E-06	0	0.000197611	6.35591E-05	0	0	0.002099	0.000712	0.0012	0.001074	0.001208	0.000306
578923.624141929.5	578923.62	4141930	0.000712739	0.000531639	0.000270748	0.000163	5.78503E-05	9.69042E-06	5.43492E-05	3.00934E-06	0.000204556	0.000271549	0.000400601	0.000655535	3.73122E-05	1.78543E-06	0.000124541	3.85251E-05	0.000234722	0.000620554	0.000188278	2.72485E-05	1.2102E-06	0.000124594	0	0.000322844	0.000208369	0.000261105	4.63593E-05	0	5.87433E-06	2.39863E-05	0	7.35286E-05	0.000133356	0	0	2.78369E-05	8.97964E-06	0	0.000196866	6.33195E-05	0	0	0.001963	0.000691	0.001094	0.00098	0.0011	0.00028
578943.624141929.5	578943.62	4141930	0.00065532	0.000487333	0.000250316	0.000151	5.2522E-05	8.79788E-06	4.95691E-05	2.74719E-06	0.000185293	0.00024633	0.00035989	0.000588917	3.35204E-05	1.60399E-06	0.000111712	3.45516E-05	0.000208262	0.00055556	0.000168559	2.43946E-05	1.08345E-06	0.000124098	0	0.00032152	0.000207515	0.000260034	4.61671E-05	0	5.86037E-06	2.38908E-05	0	7.32271E-05	0.000132809	0	0	2.7726E-05	8.94386E-06	0	0.000196059	6.30598E-05	0	0	0.001839	0.000671	0.001002	0.000896	0.001003	0.000257
578963.624141929.5	578963.62	4141930	0.000602752	0.000447647	0.000231781	0.00014	4.78551E-05	8.01613E-06	4.53723E-05	2.51446E-06	0.000168636	0.00022486	0.000324385	0.000530818	3.02134E-05	1.44575E-06	0.000100393	3.10474E-05	0.000184998	0.000498192	0.000151153	2.18756E-05	9.7157E-07	0.000123624	0	0.000320261	0.000206702	0.000259016	4.59845E-05	0	5.84582E-06	2.37995E-05	0	7.29403E-05	0.000132289	0	0	2.76201E-05	8.90969E-06	0	0.000195291	6.28129E-05	0	0	0.001726	0.000653	0.000922	0.000823	0.000918	0.000237
578983.624141929.5	578983.62	4141930	0.000554803	0.000412234	0.000215038	0.00013	4.37255E-05	7.3244E-06	4.17184E-05	2.30739E-06	0.00015375	0.000205427	0.000293657	0.000480534	2.73513E-05	1.30879E-06	9.04906E-05	2.79833E-05	0.000165121	0.000447564	0.000135792	1.96525E-05	8.72835E-07	0.000123259	0	0.000319293	0.000206077	0.000258233	4.58442E-05	0	5.83426E-06	2.37292E-05	0	7.27198E-05	0.000131889	0	0	2.75385E-05	8.88339E-06	0	0.000194701	6.2623E-05	0	0	0.001625	0.000638	0.000852	0.000759	0.000844	0.000219
579003.624141929.5	579003.62	4141930	0.000511476	0.00038091	0.000199983	0.000121	4.00268E-05	6.70483E-06	3.85525E-05	2.12222E-06	0.000140122	0.000187088	0.000266856	0.000436678	2.48551E-05	1.18935E-06	8.18735E-05	2.53183E-05	0.00014836	0.00040325	0.000122347	1.77067E-05	7.86414E-07	0.000123162	0	0.000319027	0.000205906	0.000258018	4.58051E-05	0	5.83336E-06	2.37105E-05	0	7.26592E-05	0.000131779	0	0	2.75168E-05	8.87639E-06	0	0.000194538	6.25708E-05	0	0	0.001535	0.000625	0.000789	0.000704	0.00078	0.000203
579023.624141929.5	579023.62	4141930	0.000472673	0.000353491	0.000186551	0.000113	3.66936E-05	6.14649E-06	3.58231E-05	1.95626E-06	0.000127618	0.000169702	0.000243104	0.00039781	2.26428E-05	1.08348E-06	7.44134E-05	2.30115E-05	0.000134217	0.000364844	0.000110695	1.60203E-05	7.11516E-07	0.000123323	0	0.000319434	0.000206169	0.000258347	4.58631E-05	0	5.84342E-06	2.37415E-05	0	7.2752E-05	0.000131948	0	0	2.75528E-05	8.888E-06	0	0.000194787	6.26507E-05	0	0	0.001455	0.000614	0.000733	0.000655	0.000726	0.00019
579043.624141929.5	579043.62	4141930	0.000438146	0.000329435	0.000174574	0.000105	3.36846E-05	5.64245E-06	3.34716E-05	1.80755E-06	0.000116233	0.000153552	0.000221767	0.000362894	2.06554E-05	9.88387E-07	6.79803E-05	2.10223E-05	0.000122176	0.000331864	0.000100689	1.45721E-05	6.47199E-07	0.000123839	0	0.000320768	0.00020703	0.000259426	4.60544E-05	0	5.86878E-06	2.38409E-05	0	7.30558E-05	0.000132499	0	0	2.76682E-05	8.92521E-06	0	0.0001956	6.29123E-05	0	0	0.001387	0.000605	0.000681	0.000613	0.00068	0.000179
579063.624141929.5	579063.62	4141930	0.000407442	0.000308228	0.000163925	9.89E-05	3.09693E-05	5.18761E-06	3.14356E-05	1.67476E-06	0.000105962	0.00013898	0.000202415	0.000331228	1.8853E-05	9.02138E-07	6.24448E-05	1.93105E-05	0.000111842	0.000303693	9.21413E-05	1.33351E-05	5.92258E-07	0.000124866	0	0.000323433	0.00020875	0.000261581	4.64374E-05	0	5.91589E-06	2.40386E-05	0	7.36628E-05	0.0001336	0	0	2.78975E-05	8.9992E-06	0	0.000197225	6.3435E-05	0	0	0.001328	0.0006	0.000636	0.000575	0.000641	0.00017
579083.624141929.5	579083.62	4141930	0.000380107	0.000289454	0.000154436	9.32E-05	2.85303E-05	4.77906E-06	2.9671E-05	1.55621E-06	9.67576E-05	0.000126132	0.000184877	0.000302529	1.72195E-05	8.23974E-07	5.76995E-05	1.7843E-05	0.000102943	0.000279711	8.48651E-05	1.22821E-05	5.45489E-07	0.000126485	0	0.000327644	0.000211467	0.000264987	4.70428E-05	0	5.98882E-06	2.43504E-05	0	7.46218E-05	0.000135339	0	0	2.82594E-05	9.11594E-06	0	0.000199793	6.42609E-05	0	0	0.001278	0.000598	0.000596	0.000542	0.000609	0.000162
579103.624141929.5	579103.62	4141930	0.000355722	0.000272643	0.000146044	8.81E-05	2.63589E-05	4.41534E-06	2.81412E-05	1.45118E-06	8.85612E-05	0.00011492	0.000169078	0.000276676	1.5748E-05	7.5356E-07	5.36362E-05	1.65862E-05	9.52851E-05	0.000259359	7.86903E-05	1.13884E-05	5.05799E-07	0.000128701	0	0.000333401	0.000215183	0.000269643	4.78704E-05	0	6.08936E-06	2.4777E-05	0	7.5933E-05	0.000137717	0	0	2.87545E-05	9.27564E-06	0	0.000203304	6.539E-05	0	0	0.001237	0.000599	0.000561	0.000513	0.000584	0.000156
579123.624141929.5	579123.62	4141930	0.000333919	0.000257595	0.0001386	8.36E-05	2.44356E-05	4.09316E-06	2.67986E-05	1.35814E-06	8.12731E-05	0.000105173	0.000154964	0.00025358	1.44334E-05	6.90656E-07	5.015E-05	1.55079E-05	8.87171E-05	0.000242019	7.34295E-05	1.06271E-05	4.71984E-07	0.000131595	0	0.000340918	0.000220034	0.000275722	4.89508E-05	0	6.22125E-06	2.53341E-05	0	7.76449E-05	0.000140822	0	0	2.9401E-05	9.4842E-06	0	0.000207887	6.68642E-05	0	0	0.001203	0.000604	0.000532	0.000489	0.000564	0.000151
579143.624141929.5	579143.62	4141930	0.000314402	0.000244172	0.000131937	7.96E-05	2.27276E-05	3.80707E-06	2.561E-05	1.27561E-06	7.47962E-05	9.66915E-05	0.000142406	0.000233031	1.32638E-05	6.34687E-07	4.7137E-05	1.45758E-05	8.31083E-05	0.000227171	6.89243E-05	9.97505E-06	4.43026E-07	0.000135454	0	0.000350938	0.000226502	0.000283826	5.03909E-05	0	6.39787E-06	2.6077E-05	0	7.99271E-05	0.000144961	0	0	3.02632E-05	9.76232E-06	0	0.000213997	6.88296E-05	0	0	0.001177	0.000613	0.000507	0.000469	0.000549	0.000148
579163.624141929.5	579163.62	4141930	0.000296918	0.000232226	0.00012597	7.6E-05	2.12155E-05	3.55377E-06	2.45461E-05	1.20254E-06	6.90733E-05	8.92577E-05	0.000131319	0.000214888	1.22311E-05	5.85273E-07	4.45147E-05	1.37645E-05	7.82779E-05	0.00021435	6.50344E-05	9.41208E-06	4.18023E-07	0.000140428	0	0.00036385	0.000234835	0.000294269	5.22463E-05	0	6.62655E-06	2.70346E-05	0	8.28678E-05	0.000150294	0	0	3.13745E-05	1.01208E-05	0	0.000221871	7.13619E-05	0	0	0.001159	0.000626	0.000488	0.000454	0.000538	0.000146
579183.624141929.5	579183.62	4141930	0.000281363	0.000221596	0.000120656	7.28E-05	1.98905E-05	3.33182E-06	2.36033E-05	1.13801E-06	6.40649E-05	8.26909E-05	0.000121616	0.000199011	1.13274E-05	5.42029E-07	4.22248E-05	1.30559E-05	7.40619E-05	0.000203228	6.16599E-05	8.92371E-06	3.96333E-07	0.000146246	0	0.000378938	0.000244574	0.000306472	5.44137E-05	0	6.89725E-06	2.81546E-05	0	8.63042E-05	0.000156527	0	0	3.26743E-05	1.05401E-05	0	0.000231071	7.43212E-05	0	0	0.001149	0.000644	0.000472	0.000442	0.000532	0.000145
578725.674141942.6	578725.67	4141943	0.001554721	0.001229833	0.000576689	0.000348	0.000110146	1.84504E-05	0.000132852	6.23866E-06	0.000323176	0.00043811	0.000561114	0.000918195	5.22624E-05	2.50082E-06	0.00031915	9.88399E-05	0.000631365	0.001524313	0.000462481	6.69325E-05	2.9727E-06	0.000101333	0	0.000263061	0.000169784	0.000212754	3.78024E-05	0	4.65394E-06	1.95082E-05	0	5.99128E-05	0.000108662	0	0	2.26398E-05	7.30316E-06	0	0.000160411	5.15942E-05	0	0	0.003726	0.000841	0.001602	0.001423	0.002422	0.000584
578745.674141942.6	578745.67	4141943	0.001442629	0.001124784	0.000526989	0.000318	0.000108614	1.81938E-05	0.000121898	5.95971E-06	0.000332091	0.000453289	0.000583256	0.000954429	5.43247E-05	2.5995E-06	0.000300178	9.29264E-05	0.000597293	0.001475153	0.000447566	6.47738E-05	2.87683E-06	0.000106123	0	0.000275469	0.000177793	0.000222789	3.9584E-05	0	4.88052E-06	2.04302E-05	0	6.27387E-05	0.000113787	0	0	2.37099E-05	7.64836E-06	0	0.000167977	5.40277E-05	0	0	0.003476	0.000827	0.001642	0.001449	0.002341	0.000569
578765.674141942.6	578765.67	4141943	0.001330654	0.001024124	0.000482117	0.000291	0.000105101	1.76052E-05	0.000110657	5.61158E-06	0.000335106	0.000459259	0.000595245	0.000974047	5.54414E-05	2.65293E-06	0.000274923	8.50686E-05	0.000545287	0.001385597	0.000420395	6.08415E-05	2.70218E-06	0.000110122	0	0.000285809	0.000184466	0.000231152	4.10673E-05	0	5.07529E-06	2.12003E-05	0	6.50937E-05	0.000118058	0	0	2.46036E-05	7.93664E-06	0	0.000174282	5.60557E-05	0	0	0.003233	0.000812	0.001656	0.00145	0.002198	0.00054
578785.674141942.6	578785.67	4141943	0.00122185	0.000932608	0.000442222	0.000267	9.98266E-05	1.67218E-05	9.97545E-05	5.22249E-06	0.00033125	0.000455001	0.000595921	0.000975153	5.55044E-05	2.65595E-06	0.000246916	7.63716E-05	0.000484435	0.001268584	0.000384893	5.57034E-05	2.47398E-06	0.000113338	0	0.000294099	0.000189817	0.000237857	4.22554E-05	0	5.23735E-06	2.18193E-05	0	6.69818E-05	0.000121482	0	0	2.5322E-05	8.16837E-06	0	0.000179337	5.76816E-05	0	0	0.003004	0.000794	0.00164	0.001427	0.002017	0.000501
578805.674141942.6	578805.67	4141943	0.001117956	0.000850839	0.000406924	0.000246	9.32581E-05	1.56215E-05	8.97871E-05	4.81179E-06	0.00032012	0.000439412	0.000584351	0.00095622	5.44267E-05	2.60438E-06	0.000219657	6.79259E-05	0.000424043	0.001137688	0.000345178	4.99558E-05	2.21871E-06	0.000115567	0	0.000299811	0.000193504	0.000242477	4.30722E-05	0	5.35814E-06	2.22484E-05	0	6.82829E-05	0.000123842	0	0	2.58199E-05	8.329E-06	0	0.000182821	5.88021E-05	0	0	0.002791	0.000775	0.001593	0.001383	0.001821	0.000456
578825.674141942.6	578825.67	4141943	0.001020593	0.000777161	0.000375421	0.000227	8.59041E-05	1.43897E-05	8.099E-05	4.4056E-06	0.000302074	0.000412867	0.000560942	0.000917914	5.22464E-05	2.50005E-06	0.000195246	6.03792E-05	0.000371749	0.001008704	0.000306044	4.42921E-05	1.96716E-06	0.000116998	0	0.000303445	0.000195849	0.000245415	4.35896E-05	0	5.44472E-06	2.25239E-05	0	6.91103E-05	0.000125343	0	0	2.61397E-05	8.43217E-06	0	0.000185036	5.95147E-05	0	0	0.002594	0.000754	0.001516	0.001319	0.001634	0.000412
578845.674141942.6	578845.67	4141943	0.000931641	0.000709613	0.000346912	0.000209	7.83217E-05	1.31196E-05	7.33448E-05	4.01951E-06	0.000278768	0.000378074	0.000527605	0.000863363	4.91414E-05	2.35147E-06	0.000174243	5.38947E-05	0.000329603	0.000891363	0.000270442	3.91397E-05	1.73833E-06	0.00011781	0	0.000305469	0.000197155	0.000247053	4.38758E-05	0	5.50324E-06	2.26803E-05	0	6.95715E-05	0.000126179	0	0	2.63212E-05	8.49071E-06	0	0.000186271	5.99118E-05	0	0	0.002411	0.000732	0.001417	0.001242	0.00147	0.000371
578865.674141942.6	578865.67	4141943	0.00085231	0.000647468	0.000320913	0.000194	7.10156E-05	1.18957E-05	6.66791E-05	3.65983E-06	0.00025303	0.000339799	0.000487442	0.000797641	4.54006E-05	2.17247E-06	0.000156239	4.83354E-05	0.000295403	0.000789045	0.000239399	3.46469E-05	1.53879E-06	0.00011803	0	0.000305963	0.000197474	0.000247452	4.39424E-05	0	5.53265E-06	2.27226E-05	0	6.96838E-05	0.000126383	0	0	2.63703E-05	8.50654E-06	0	0.000186572	6.00085E-05	0	0	0.002245	0.00071	0.001304	0.001154	0.001328	0.000336
578885.674141942.6	578885.67	4141943	0.00078211	0.000591257	0.000296916	0.000179	6.42578E-05	1.07637E-05	6.07361E-05	3.33316E-06	0.000227713	0.000303158	0.000444177	0.000726843	4.13709E-05	1.97964E-06	0.000140464	4.3459E-05	0.000265896	0.000702192	0.000213047	3.08332E-05	1.36941E-06	0.000117982	0	0.000305778	0.000197355	0.000247302	4.39125E-05	0	5.54556E-06	2.27133E-05	0	6.96417E-05	0.000126307	0	0	2.63595E-05	8.50308E-06	0	0.000186459	5.99723E-05	0	0	0.002094	0.000688	0.001192	0.001063	0.001207	0.000305
578905.674141942.6	578905.67	4141943	0.000719688	0.000540993	0.000274881	0.000166	5.82463E-05	9.75675E-06	5.54167E-05	3.03995E-06	0.000205044	0.000271427	0.000401481	0.000656975	3.73941E-05	1.78935E-06	0.000126434	3.91156E-05	0.000238719	0.000628181	0.000190592	2.75834E-05	1.22507E-06	0.000117708	0	0.00030502	0.000196865	0.000246689	4.38008E-05	0	5.54496E-06	2.26606E-05	0	6.9469E-05	0.000125994	0	0	2.62984E-05	8.48335E-06	0	0.000185997	5.98236E-05	0	0	0.001958	0.000668	0.001088	0.000975	0.0011	0.000279
578925.674141942.6	578925.67	4141943	0.000663172	0.000496286	0.000254512	0.000154	5.29332E-05	8.86676E-06	5.06183E-05	2.77856E-06	0.000185572	0.00024548	0.000361758	0.000591973	3.36943E-05	1.61231E-06	0.000113821	3.52087E-05	0.000213282	0.000564036	0.00017113	2.47668E-05	1.09998E-06	0.000117409	0	0.000304206	0.00019634	0.000246031	4.36818E-05	0	5.54061E-06	2.26031E-05	0	6.92837E-05	0.000125657	0	0	2.62315E-05	8.46179E-06	0	0.000185501	5.9664E-05	0	0	0.001836	0.000649	0.000996	0.000893	0.001006	0.000257
578945.674141942.6	578945.67	4141943	0.000611378	0.000456227	0.00023585	0.000142	4.82663E-05	8.08501E-06	4.63261E-05	2.54597E-06	0.000168969	0.000224158	0.000326392	0.000534102	3.04003E-05	1.45469E-06	0.000102539	3.17142E-05	0.000190073	0.000507442	0.000153959	2.22817E-05	9.89607E-07	0.000117136	0	0.000303465	0.000195862	0.000245432	4.35736E-05	0	5.53595E-06	2.25505E-05	0	6.91151E-05	0.000125352	0	0	2.61705E-05	8.4421E-06	0	0.000185049	5.95187E-05	0	0	0.001724	0.000632	0.000917	0.00082	0.000923	0.000237
578965.674141942.6	578965.67	4141943	0.000563753	0.000420179	0.000218834	0.000132	4.4152E-05	7.39583E-06	4.25329E-05	2.3383E-06	0.000154442	0.000205651	0.000295578	0.000483678	2.75303E-05	1.31735E-06	9.25394E-05	2.86184E-05	0.000169634	0.000457103	0.000138686	2.00714E-05	8.91438E-07	0.000116938	0	0.000302927	0.000195515	0.000244997	4.34949E-05	0	5.53295E-06	2.25124E-05	0	6.89925E-05	0.000125129	0	0	2.61263E-05	8.42784E-06	0	0.000184721	5.94132E-05	0	0	0.001623	0.000617	0.000848	0.000756	0.000849	0.000219
578985.674141942.6	578985.67	4141943	0.000520156	0.00038785	0.000203441	0.000123	4.04924E-05	6.78282E-06	3.92128E-05	2.15238E-06	0.000141317	0.000188538	0.00026882	0.000439892	2.5038E-05	1.1981E-06	8.3745E-05	2.58974E-05	0.000152099	0.000412344	0.000125107	1.8106E-05	8.0415E-07	0.000116851	0	0.000302684	0.000195357	0.0002448	4.34588E-05	0	5.53355E-06	2.24956E-05	0	6.8937E-05	0.000125029	0	0	2.61069E-05	8.42157E-06	0	0.000184572	5.93654E-05	0	0	0.001531	0.000603	0.000787	0.000701	0.000783	0.000203
579005.674141942.6	579005.67	4141943	0.00048062	0.00035913	0.000189566	0.000114	3.7194E-05	6.23031E-06	3.63184E-05	1.98507E-06	0.00012922	0.00017216	0.000245315	0.000401428	2.28487E-05	1.09334E-06	7.60466E-05	2.35164E-05	0.000137209	0.000372935	0.00011315	1.63755E-05	7.27294E-07	0.000116989	0	0.000303028	0.00019558	0.000245079	4.35077E-05	0	5.54301E-06	2.25221E-05	0	6.90155E-05	0.000125171	0	0	2.61376E-05	8.43149E-06	0	0.000184783	5.9433E-05	0	0	0.001449	0.000592	0.000732	0.000653	0.000727	0.00019
579025.674141942.6	579025.67	4141943	0.000445097	0.000333862	0.000177104	0.000107	3.42002E-05	5.72882E-06	3.37981E-05	1.83441E-06	0.000118063	0.000156562	0.000224332	0.000367092	2.08944E-05	9.99819E-07	6.93336E-05	2.14407E-05	0.000124553	0.000338545	0.000102716	1.48655E-05	6.60228E-07	0.000117453	0	0.000304226	0.000196353	0.000246048	4.36793E-05	0	5.56657E-06	2.26116E-05	0	6.92884E-05	0.000125666	0	0	2.62415E-05	8.46499E-06	0	0.000185513	5.9668E-05	0	0	0.001378	0.000583	0.000681	0.00061	0.000679	0.000178
579045.674141942.6	579045.67	4141943	0.000413367	0.000311656	0.000165949	0.0001	3.14784E-05	5.27289E-06	3.16153E-05	1.69877E-06	0.000107868	0.000142089	0.000205334	0.000336005	1.91249E-05	9.1515E-07	6.35044E-05	1.96383E-05	0.000113715	0.00030879	9.36879E-05	1.3559E-05	6.02199E-07	0.000118303	0	0.000306426	0.000197773	0.000247827	4.39951E-05	0	5.60708E-06	2.27752E-05	0	6.97893E-05	0.000126574	0	0	2.64313E-05	8.52622E-06	0	0.000186854	6.00994E-05	0	0	0.001316	0.000577	0.000636	0.000573	0.000638	0.000168
579065.674141942.6	579065.67	4141943	0.000385082	0.000292054	0.000155996	9.41E-05	2.90155E-05	4.86033E-06	2.97187E-05	1.57707E-06	9.86443E-05	0.000129021	0.000188022	0.000307675	1.75124E-05	8.3799E-07	5.84538E-05	1.80764E-05	0.000104366	0.000283206	8.59255E-05	1.24355E-05	5.52305E-07	0.000119611	0	0.00030982	0.000199963	0.000250571	4.44828E-05	0	5.66725E-06	2.30269E-05	0	7.05623E-05	0.000127976	0	0	2.67234E-05	8.62045E-06	0	0.000188924	6.0765E-05	0	0	0.001263	0.000574	0.000596	0.000539	0.000603	0.00016
579085.674141942.6	579085.67	4141943	0.000359835	0.000274586	0.000147119	8.88E-05	2.6794E-05	4.48823E-06	2.80715E-05	1.46813E-06	9.03614E-05	0.00011748	0.000172266	0.000281892	1.60449E-05	7.67767E-07	5.41008E-05	1.67302E-05	9.62501E-05	0.000261309	7.9282E-05	1.14741E-05	5.09603E-07	0.000121459	0	0.000314622	0.000203063	0.000254456	4.51731E-05	0	5.75128E-06	2.33828E-05	0	7.16561E-05	0.00012996	0	0	2.71364E-05	8.75369E-06	0	0.000191853	6.1707E-05	0	0	0.001218	0.000573	0.00056	0.00051	0.000575	0.000153
579105.674141942.6	579105.67	4141943	0.000337221	0.000258953	0.000139212	8.4E-05	2.48033E-05	4.15476E-06	2.66261E-05	1.37105E-06	8.29386E-05	0.000107391	0.000157991	0.000258533	1.47153E-05	7.04145E-07	5.03467E-05	1.55692E-05	8.92212E-05	0.000242541	7.35877E-05	1.06499E-05	4.73001E-07	0.000123973	0	0.000321155	0.000207279	0.000259739	4.61121E-05	0	5.86517E-06	2.38667E-05	0	7.31438E-05	0.000132658	0	0	2.76981E-05	8.93487E-06	0	0.000195836	6.29881E-05	0	0	0.001181	0.000576	0.000529	0.000485	0.000552	0.000148
579125.674141942.6	579125.67	4141943	0.000316906	0.000244865	0.000132148	7.98E-05	2.30279E-05	3.85736E-06	2.53568E-05	1.28462E-06	7.6307E-05	9.85732E-05	0.000145165	0.000237545	1.35207E-05	6.46981E-07	4.71088E-05	1.45677E-05	8.31682E-05	0.000226476	6.87134E-05	9.94453E-06	4.41671E-07	0.000127196	0	0.000329527	0.000212683	0.00026651	4.73156E-05	0	6.01178E-06	2.44872E-05	0	7.50507E-05	0.000136117	0	0	2.84182E-05	9.16715E-06	0	0.000200941	6.46302E-05	0	0	0.001151	0.000582	0.000503	0.000463	0.000534	0.000144
579145.674141942.6	579145.67	4141943	0.00029868	0.000232223	0.000125864	7.6E-05	2.14548E-05	3.59386E-06	2.42379E-05	1.20794E-06	7.0402E-05	9.08394E-05	0.000133734	0.00021884	1.2456E-05	5.96036E-07	4.43029E-05	1.36998E-05	7.79373E-05	0.000212689	6.45305E-05	9.33916E-06	4.14784E-07	0.00013118	0	0.000339869	0.000219358	0.000274874	4.88018E-05	0	6.19454E-06	2.52541E-05	0	7.74061E-05	0.000140389	0	0	2.93082E-05	9.45424E-06	0	0.000207248	6.66586E-05	0	0	0.001128	0.000592	0.000482	0.000446	0.000521	0.000141
579165.674141942.6	579165.67	4141943	0.000282315	0.000220868	0.000120213	7.26E-05	2.0058E-05	3.35988E-06	2.32364E-05	1.13981E-06	6.51536E-05	8.40349E-05	0.000123591	0.000202242	1.15113E-05	5.50831E-07	4.1856E-05	1.29427E-05	7.34081E-05	0.000200717	6.08983E-05	8.81349E-06	3.91437E-07	0.000136157	0	0.000352786	0.000227694	0.000285321	5.06577E-05	0	6.42428E-06	2.62123E-05	0	8.03479E-05	0.000145724	0	0	3.04202E-05	9.81296E-06	0	0.000215124	6.91919E-05	0	0	0.001112	0.000606	0.000464	0.000432	0.000512	0.000139
579185.674141942.6	579185.67	4141943	0.000267652	0.000210738	0.000115173	6.95E-05	1.88244E-05	3.15324E-06	2.2345E-05	1.07934E-06	6.05325E-05	7.79982E-05	0.000114661	0.000187629	1.06796E-05	5.11032E-07	3.97098E-05	1.22786E-05	6.94556E-05	0.000190348	5.77523E-05	8.35819E-06	3.71216E-07	0.000142016	0	0.000367981	0.000237502	0.000297611	5.28405E-05	0	6.69708E-06	2.73403E-05	0	8.38088E-05	0.000152001	0	0	3.17293E-05	1.02352E-05	0	0.00022439	7.21723E-05	0	0	0.001104	0.000623	0.00045	0.000422	0.000507	0.000139
578745.524141955.6	578745.52	4141956	0.001327429	0.00103044	0.000488717	0.000295	0.000100508	1.68359E-05	0.000111211	5.48749E-06	0.000311577	0.000425057	0.000549136	0.000898595	5.11468E-05	2.44743E-06	0.000270534	8.37377E-05	0.000534482	0.001331725	0.00040405	5.84759E-05	2.59712E-06	0.000101435	0	0.000263277	0.000169923	0.000212929	3.78307E-05	0	4.67074E-06	1.95277E-05	0	5.99619E-05	0.000108751	0	0	2.26625E-05	7.31049E-06	0	0.000160542	5.16365E-05	0	0	0.003211	0.000778	0.001541	0.001354	0.002118	0.000517
578765.524141955.6	578765.52	4141956	0.001225221	0.000941491	0.000448337	0.000271	9.67283E-05	1.62028E-05	0.000101068	5.16337E-06	0.000311878	0.000427107	0.000556134	0.000910046	5.17986E-05	2.47862E-06	0.000246909	7.63907E-05	0.000485807	0.001245896	0.000378009	5.47072E-05	2.42973E-06	0.000104913	0	0.000272261	0.000175722	0.000220195	3.91192E-05	0	4.8418E-06	2.01973E-05	0	6.20081E-05	0.000112462	0	0	2.34396E-05	7.56115E-06	0	0.000166021	5.33985E-05	0	0	0.002992	0.000763	0.001544	0.001347	0.001982	0.000489
578785.524141955.6	578785.52	4141956	0.001126647	0.000860744	0.000412554	0.000249	9.15523E-05	1.53358E-05	9.14343E-05	4.80024E-06	0.000306053	0.000419641	0.000552592	0.00090425	5.14687E-05	2.46283E-06	0.00022182	6.86029E-05	0.000430784	0.001137399	0.00034509	4.99431E-05	2.21814E-06	0.000107513	0	0.000278952	0.00018004	0.000225606	4.00773E-05	0	4.97625E-06	2.06979E-05	0	6.3532E-05	0.000115226	0	0	2.40206E-05	7.74857E-06	0	0.000170101	5.47108E-05	0	0	0.002786	0.000746	0.001519	0.001319	0.001815	0.000452
578805.524141955.6	578805.52	4141956	0.001032993	0.000788423	0.000380798	0.00023	8.53558E-05	1.42978E-05	8.26775E-05	4.42345E-06	0.000293853	0.000402179	0.000538317	0.000880891	5.01391E-05	2.39921E-06	0.000197971	6.12174E-05	0.000378184	0.001020193	0.00030953	4.47966E-05	1.98957E-06	0.000109283	0	0.000283476	0.00018296	0.000229265	4.07234E-05	0	5.07544E-06	2.10387E-05	0	6.45624E-05	0.000117095	0	0	2.4416E-05	7.87614E-06	0	0.00017286	5.55982E-05	0	0	0.002595	0.000727	0.001467	0.001273	0.00164	0.000412
578825.524141955.6	578825.52	4141956	0.000945621	0.000722802	0.000352289	0.000213	7.85893E-05	1.31644E-05	7.49406E-05	4.05732E-06	0.000275879	0.000375545	0.000514092	0.00084125	4.78828E-05	2.29125E-06	0.000176853	5.46918E-05	0.000333892	0.000907641	0.000275381	3.98544E-05	1.77007E-06	0.000110442	0	0.000286406	0.000184852	0.000231635	4.11402E-05	0	5.14806E-06	2.12617E-05	0	6.52298E-05	0.000118305	0	0	2.46749E-05	7.95963E-06	0	0.000174647	5.61729E-05	0	0	0.002418	0.000708	0.00139	0.001211	0.001479	0.000373
578845.524141955.6	578845.52	4141956	0.000866055	0.000662195	0.000326416	0.000197	7.17293E-05	1.20153E-05	6.81795E-05	3.71039E-06	0.000253882	0.000342617	0.000481872	0.000788525	4.48817E-05	2.14764E-06	0.000158713	4.9093E-05	0.000298377	0.000805901	0.000244513	3.53871E-05	1.57166E-06	0.000111111	0	0.000288067	0.000185924	0.000232979	4.13746E-05	0	5.19788E-06	2.13905E-05	0	6.56081E-05	0.000118991	0	0	2.48243E-05	8.00785E-06	0	0.00017566	5.64987E-05	0	0	0.002254	0.000688	0.001296	0.001138	0.001337	0.000338
578865.524141955.6	578865.52	4141956	0.00079494	0.000606253	0.000302631	0.000183	6.51629E-05	1.09153E-05	6.22108E-05	3.38823E-06	0.000230349	0.000307828	0.000444402	0.000727211	4.13919E-05	1.98065E-06	0.000143032	4.42516E-05	0.000269262	0.000717369	0.000217652	3.14996E-05	1.39901E-06	0.000111355	0	0.000288635	0.00018629	0.000233438	4.14524E-05	0	5.22564E-06	2.14375E-05	0	6.57373E-05	0.000119226	0	0	2.48788E-05	8.02543E-06	0	0.000176006	5.661E-05	0	0	0.002104	0.000668	0.001193	0.001058	0.001215	0.000307
578885.524141955.6	578885.52	4141956	0.0007319	0.000555295	0.000280722	0.000169	5.91753E-05	9.91237E-06	5.68914E-05	3.09592E-06	0.000207876	0.000275358	0.000405205	0.00066307	3.7741E-05	1.80595E-06	0.000129228	3.99836E-05	0.000243623	0.000641948	0.000194769	2.81879E-05	1.25192E-06	0.000111335	0	0.00028853	0.000186223	0.000233353	4.14344E-05	0	5.2381E-06	2.14337E-05	0	6.57135E-05	0.000119182	0	0	2.48744E-05	8.024E-06	0	0.000175942	5.65895E-05	0	0	0.001968	0.000648	0.001092	0.000976	0.00111	0.000281
578905.524141955.6	578905.52	4141956	0.000675427	0.000509523	0.000260458	0.000157	5.38318E-05	9.01728E-06	5.20857E-05	2.83318E-06	0.000187941	0.000247759	0.000367039	0.000600615	3.41861E-05	1.63585E-06	0.000116821	3.61423E-05	0.000219635	0.000577244	0.000175138	2.53467E-05	1.12573E-06	0.000111194	0	0.000288123	0.00018596	0.000233024	4.13735E-05	0	5.242E-06	2.14065E-05	0	6.56207E-05	0.000119014	0	0	2.48429E-05	8.01383E-06	0	0.000175693	5.65096E-05	0	0	0.001845	0.00063	0.001	0.000897	0.001017	0.000258
578925.524141955.6	578925.52	4141956	0.000624024	0.000468663	0.000241691	0.000146	4.91061E-05	8.22569E-06	4.77275E-05	2.59834E-06	0.000170865	0.000225351	0.000331802	0.000542954	3.09042E-05	1.4788E-06	0.000105592	3.26636E-05	0.000197017	0.000520745	0.000157996	2.28659E-05	1.01555E-06	0.000111055	0	0.00028773	0.000185706	0.000232706	4.13151E-05	0	5.24425E-06	2.13799E-05	0	6.55312E-05	0.000118852	0	0	2.4812E-05	8.00387E-06	0	0.000175454	5.64325E-05	0	0	0.001733	0.000613	0.00092	0.000825	0.000934	0.000238
578945.524141955.6	578945.52	4141956	0.000576738	0.000431889	0.000224422	0.000135	4.49461E-05	7.52885E-06	4.38132E-05	2.38841E-06	0.000156247	0.000206855	0.000300536	0.000491792	2.79921E-05	1.33945E-06	9.55021E-05	2.95379E-05	0.000176292	0.000470523	0.000142758	2.06606E-05	9.17609E-07	0.000110949	0	0.000287426	0.00018551	0.00023246	4.12699E-05	0	5.24635E-06	2.13594E-05	0	6.5462E-05	0.000118726	0	0	2.47882E-05	7.9962E-06	0	0.000175268	5.63729E-05	0	0	0.001631	0.000598	0.000851	0.00076	0.00086	0.000221
578965.524141955.6	578965.52	4141956	0.000533053	0.000398698	0.000208628	0.000126	4.12561E-05	6.91074E-06	4.03244E-05	2.2001E-06	0.000143331	0.000190584	0.000273242	0.000447128	2.54499E-05	1.21781E-06	8.65054E-05	2.67525E-05	0.000157975	0.000425533	0.000129108	1.86851E-05	8.29869E-07	0.000110966	0	0.000287449	0.000185525	0.000232478	4.12719E-05	0	5.25265E-06	2.13627E-05	0	6.54672E-05	0.000118736	0	0	2.47921E-05	7.99744E-06	0	0.000175282	5.63774E-05	0	0	0.001539	0.000585	0.00079	0.000704	0.000794	0.000205
578985.524141955.6	578985.52	4141956	0.000492892	0.000368783	0.000194247	0.000117	3.79512E-05	6.35714E-06	3.72465E-05	2.03054E-06	0.000131571	0.000175314	0.000249447	0.00040819	2.32336E-05	1.11176E-06	7.85451E-05	2.42895E-05	0.000142165	0.000385293	0.000116899	1.69182E-05	7.51394E-07	0.000111141	0	0.000287888	0.000185808	0.000232834	4.13342E-05	0	5.26466E-06	2.13964E-05	0	6.55672E-05	0.000118917	0	0	2.48312E-05	8.01008E-06	0	0.00017555	5.64635E-05	0	0	0.001455	0.000574	0.000736	0.000655	0.000735	0.000191
579005.524141955.6	579005.52	4141956	0.000456323	0.000342023	0.000181258	0.000109	3.49617E-05	5.85638E-06	3.45501E-05	1.87718E-06	0.000120679	0.000160541	0.000228464	0.000373854	2.12792E-05	1.01824E-06	7.15428E-05	2.21238E-05	0.000128648	0.00034959	0.000106067	1.53505E-05	6.81767E-07	0.000111507	0	0.000288827	0.000186414	0.000233593	4.14685E-05	0	5.28416E-06	2.14669E-05	0	6.57811E-05	0.000119305	0	0	2.4913E-05	8.03645E-06	0	0.000176123	5.66477E-05	0	0	0.00138	0.000564	0.000686	0.000612	0.000685	0.000179
579025.524141955.6	579025.52	4141956	0.000423331	0.000318325	0.000169576	0.000102	3.22377E-05	5.40009E-06	3.2195E-05	1.73838E-06	0.000110599	0.000146386	0.000209627	0.00034303	1.95248E-05	9.34284E-07	6.53932E-05	2.02229E-05	0.000117088	0.000318213	9.65468E-05	1.39727E-05	6.20576E-07	0.000112139	0	0.000290458	0.000187467	0.000234912	4.17024E-05	0	5.31522E-06	2.15884E-05	0	6.61525E-05	0.000119978	0	0	2.5054E-05	8.08194E-06	0	0.000177117	5.69675E-05	0	0	0.001314	0.000557	0.000641	0.000574	0.000641	0.000168
579045.524141955.6	579045.52	4141956	0.000393762	0.000297463	0.000159054	9.6E-05	2.97487E-05	4.98315E-06	3.01406E-05	1.61293E-06	0.000101344	0.000133218	0.000192476	0.000314964	1.79273E-05	8.57842E-07	6.00192E-05	1.85605E-05	0.000107132	0.000290871	8.82513E-05	1.27721E-05	5.67254E-07	0.000113158	0	0.000293099	0.000189171	0.000237048	4.20816E-05	0	5.36354E-06	2.17847E-05	0	6.6754E-05	0.000121069	0	0	2.52818E-05	8.15543E-06	0	0.000178728	5.74855E-05	0	0	0.001257	0.000552	0.0006	0.00054	0.000603	0.000159
579065.524141955.6	579065.52	4141956	0.000367314	0.000279058	0.000149628	9.03E-05	2.74816E-05	4.6034E-06	2.8343E-05	1.49979E-06	9.29386E-05	0.000121316	0.000176774	0.000289269	1.64648E-05	7.87858E-07	5.53317E-05	1.7111E-05	9.85071E-05	0.000267237	8.10806E-05	1.17344E-05	5.21163E-07	0.00011464	0	0.000296944	0.000191653	0.000240158	4.26341E-05	0	5.43212E-06	2.207E-05	0	6.76299E-05	0.000122658	0	0	2.5613E-05	8.26225E-06	0	0.000181073	5.82398E-05	0	0	0.001208	0.00055	0.000563	0.00051	0.000572	0.000152
579085.524141955.6	579085.52	4141956	0.000343655	0.000262622	0.000141194	8.52E-05	2.54255E-05	4.25899E-06	2.67692E-05	1.39821E-06	8.53598E-05	0.00011078	0.000162402	0.000265751	1.51262E-05	7.23806E-07	5.12628E-05	1.58527E-05	9.09873E-05	0.000246808	7.48824E-05	1.08373E-05	4.81323E-07	0.000116672	0	0.000302222	0.00019506	0.000244427	4.33927E-05	0	5.5247E-06	2.24612E-05	0	6.88319E-05	0.000124838	0	0	2.60669E-05	8.40869E-06	0	0.000184291	5.92749E-05	0	0	0.001166	0.00055	0.000531	0.000484	0.000546	0.000145
579105.524141955.6	579105.52	4141956	0.000322406	0.000247877	0.000133645	8.07E-05	2.35783E-05	3.94957E-06	2.53935E-05	1.30712E-06	7.85498E-05	0.000101523	0.000149329	0.000244359	1.39086E-05	6.65542E-07	4.77359E-05	1.4762E-05	8.44313E-05	0.000229152	6.95512E-05	1.00658E-05	4.47056E-07	0.000119276	0	0.000308986	0.000199425	0.000249897	4.43649E-05	0	5.64324E-06	2.29625E-05	0	7.03724E-05	0.000127632	0	0	2.66487E-05	8.59636E-06	0	0.000188416	6.06015E-05	0	0	0.001132	0.000554	0.000503	0.000461	0.000525	0.000141
579125.524141955.6	579125.52	4141956	0.000303261	0.00023456	0.000126897	7.66E-05	2.19226E-05	3.67222E-06	2.41792E-05	1.22594E-06	7.24316E-05	9.34059E-05	0.000137523	0.000225039	1.28089E-05	6.12922E-07	4.46816E-05	1.38174E-05	7.87396E-05	0.000214099	6.49582E-05	9.40105E-06	4.17533E-07	0.000122604	0	0.000317629	0.000205004	0.000256887	4.56072E-05	0	5.7948E-06	2.36031E-05	0	7.23409E-05	0.000131202	0	0	2.73921E-05	8.83617E-06	0	0.000193686	6.22967E-05	0	0	0.001105	0.00056	0.00048	0.000442	0.000509	0.000137
579145.524141955.6	579145.52	4141956	0.000286016	0.000222488	0.000120867	7.29E-05	2.04453E-05	3.42476E-06	2.31044E-05	1.15347E-06	6.69531E-05	8.62501E-05	0.00012694	0.000207722	1.18232E-05	5.65756E-07	4.20212E-05	1.29945E-05	7.37978E-05	0.000201007	6.09862E-05	8.82621E-06	3.92002E-07	0.000126674	0	0.000328199	0.000211825	0.000265436	4.71262E-05	0	5.98132E-06	2.43868E-05	0	7.47481E-05	0.000135568	0	0	2.83016E-05	9.12955E-06	0	0.000200131	6.43697E-05	0	0	0.001084	0.000571	0.00046	0.000426	0.000497	0.000135
579165.524141955.6	579165.52	4141956	0.000270476	0.000211588	0.000115469	6.97E-05	1.91333E-05	3.20499E-06	2.21469E-05	1.08894E-06	6.20676E-05	7.99192E-05	0.000117516	0.000192301	1.09455E-05	5.23756E-07	3.9701E-05	1.22767E-05	6.94945E-05	0.000189692	5.75531E-05	8.32936E-06	3.69935E-07	0.000131546	0	0.000340839	0.000219984	0.000275659	4.89423E-05	0	6.20655E-06	2.53246E-05	0	7.76271E-05	0.000140789	0	0	2.939E-05	9.48065E-06	0	0.000207839	6.68489E-05	0	0	0.00107	0.000584	0.000444	0.000414	0.000489	0.000133
579185.524141955.6	579185.52	4141956	0.000256494	0.000201821	0.000110598	6.67E-05	1.79693E-05	3.01001E-06	2.12884E-05	1.03147E-06	5.77318E-05	7.42818E-05	0.000109177	0.000178655	1.01688E-05	4.86587E-07	3.76569E-05	1.16442E-05	6.57196E-05	0.000179825	5.45595E-05	7.8961E-06	3.50693E-07	0.000137276	0	0.0003557	0.000229575	0.000287678	5.1077E-05	0	6.47349E-06	2.64278E-05	0	8.10117E-05	0.000146928	0	0	3.06703E-05	9.89364E-06	0	0.000216901	6.97636E-05	0	0	0.001062	0.000602	0.000432	0.000405	0.000484	0.000133
578785.224141971.3	578785.22	4141971	0.001025489	0.000785138	0.000380671	0.00023	8.27123E-05	1.3855E-05	8.27839E-05	4.35188E-06	0.000278306	0.00038067	0.000504551	0.000825637	4.69941E-05	2.24872E-06	0.000196103	6.06439E-05	0.00037635	0.001002525	0.000304169	4.40208E-05	1.95511E-06	0.00010104	0	0.000262122	0.000169178	0.000211995	3.76573E-05	0	4.6856E-06	1.94518E-05	0	5.96989E-05	0.000108274	0	0	2.25744E-05	7.28206E-06	0	0.000159838	5.14099E-05	0	0	0.002554	0.000694	0.001386	0.001202	0.001607	0.000402
578805.224141971.3	578805.22	4141971	0.000942621	0.000722394	0.0003525	0.000213	7.69597E-05	1.28914E-05	7.52304E-05	4.01665E-06	0.000265362	0.000361908	0.000488204	0.000798888	4.54716E-05	2.17587E-06	0.000175753	5.43459E-05	0.000332248	0.000901249	0.000273442	3.95738E-05	1.75761E-06	0.000102504	0	0.000265855	0.000171587	0.000215014	3.819E-05	0	4.76963E-06	1.97336E-05	0	6.05491E-05	0.000109816	0	0	2.29014E-05	7.38755E-06	0	0.000162115	5.21421E-05	0	0	0.002386	0.000676	0.001331	0.001155	0.001457	0.000367
578825.224141971.3	578825.22	4141971	0.0008658	0.000664923	0.000327175	0.000197	7.0859E-05	1.18695E-05	6.85573E-05	3.69059E-06	0.000247903	0.000335828	0.000463819	0.000758984	4.32003E-05	2.06718E-06	0.000157939	4.88441E-05	0.000295668	0.000804743	0.000244161	3.53362E-05	1.5694E-06	0.000103401	0	0.000268113	0.000173045	0.000216841	3.85106E-05	0	4.8286E-06	1.99063E-05	0	6.10635E-05	0.000110749	0	0	2.31019E-05	7.45221E-06	0	0.000163492	5.25851E-05	0	0	0.002229	0.000658	0.001256	0.001096	0.00132	0.000334
578845.224141971.3	578845.22	4141971	0.000796009	0.000611421	0.000304065	0.000184	6.47909E-05	1.0853E-05	6.26877E-05	3.38313E-06	0.000227635	0.00030538	0.000433347	0.000709121	4.03622E-05	1.93138E-06	0.000142638	4.41225E-05	0.000266463	0.0007182	0.000217904	3.15361E-05	1.40063E-06	0.000103882	0	0.000269295	0.000173808	0.000217797	3.86767E-05	0	4.86746E-06	1.99989E-05	0	6.13327E-05	0.000111237	0	0	2.32093E-05	7.48688E-06	0	0.000164213	5.2817E-05	0	0	0.002085	0.00064	0.001168	0.001028	0.0012	0.000304
578865.224141971.3	578865.22	4141971	0.000733383	0.00056188	0.000282641	0.000171	5.90122E-05	9.88504E-06	5.74381E-05	3.09922E-06	0.000206637	0.000274553	0.000399077	0.000653041	3.71702E-05	1.77864E-06	0.000129263	3.99933E-05	0.000242267	0.000643068	0.000195109	2.82371E-05	1.25411E-06	0.00010417	0	0.00026999	0.000174257	0.000218359	3.87736E-05	0	4.89372E-06	2.00543E-05	0	6.1491E-05	0.000111524	0	0	2.32736E-05	7.50761E-06	0	0.000164636	5.29533E-05	0	0	0.001952	0.000622	0.001076	0.000956	0.001097	0.000278
578885.224141971.3	578885.22	4141971	0.000677785	0.000516304	0.000262988	0.000159	5.38252E-05	9.01618E-06	5.2768E-05	2.84308E-06	0.000187203	0.000246515	0.00036442	0.000596329	3.39422E-05	1.62417E-06	0.000117433	3.63351E-05	0.000220358	0.000579175	0.000175723	2.54315E-05	1.1295E-06	0.000104165	0	0.00026993	0.000174218	0.00021831	3.87621E-05	0	4.90603E-06	2.00535E-05	0	6.14773E-05	0.000111499	0	0	2.32727E-05	7.50731E-06	0	0.0001646	5.29414E-05	0	0	0.001831	0.000605	0.000988	0.000884	0.001008	0.000255
578905.224141971.3	578905.22	4141971	0.000627477	0.000475285	0.000244622	0.000148	4.91627E-05	8.23516E-06	4.84869E-05	2.612E-06	0.000170052	0.000223167	0.000330965	0.000541584	3.08262E-05	1.47507E-06	0.000106654	3.29971E-05	0.000199569	0.000523758	0.00015891	2.29982E-05	1.02143E-06	0.00010417	0	0.000269907	0.000174203	0.000218291	3.87568E-05	0	4.91518E-06	2.00544E-05	0	6.1472E-05	0.00011149	0	0	2.32737E-05	7.50765E-06	0	0.000164586	5.29369E-05	0	0	0.001721	0.000589	0.000909	0.000815	0.000928	0.000236
578925.224141971.3	578925.22	4141971	0.000581429	0.000438481	0.000227521	0.000137	4.50331E-05	7.54343E-06	4.45836E-05	2.40462E-06	0.000155382	0.000204325	0.000300343	0.000491476	2.79741E-05	1.33859E-06	9.68355E-05	2.99551E-05	0.000179808	0.000474925	0.000144094	2.08539E-05	9.26194E-07	0.000104216	0	0.000269997	0.000174261	0.000218364	3.87682E-05	0	4.92463E-06	2.00632E-05	0	6.14926E-05	0.000111527	0	0	2.3284E-05	7.51097E-06	0	0.000164641	5.29546E-05	0	0	0.001622	0.000575	0.00084	0.000752	0.000857	0.000219
578945.224141971.3	578945.22	4141971	0.000538875	0.000405192	0.000211791	0.000128	4.13932E-05	6.9337E-06	4.10654E-05	2.2181E-06	0.000142756	0.000188614	0.000273264	0.000447163	2.54519E-05	1.2179E-06	8.79623E-05	2.7206E-05	0.000161629	0.000431171	0.000130819	1.89327E-05	8.40865E-07	0.000104277	0	0.00027013	0.000174347	0.000218472	3.87859E-05	0	4.93364E-06	2.00749E-05	0	6.15229E-05	0.000111582	0	0	2.32976E-05	7.51535E-06	0	0.000164722	5.29807E-05	0	0	0.00153	0.000562	0.00078	0.000697	0.000792	0.000204
578965.224141971.3	578965.22	4141971	0.0004994	0.00037504	0.000197305	0.000119	3.81426E-05	6.38921E-06	3.79068E-05	2.04989E-06	0.000131495	0.000174565	0.000249587	0.000408419	2.32466E-05	1.11238E-06	8.00087E-05	2.47434E-05	0.000145489	0.000391703	0.000118844	1.71997E-05	7.63896E-07	0.000104484	0	0.000270648	0.000174681	0.00021889	3.88592E-05	0	4.94789E-06	2.01147E-05	0	6.16408E-05	0.000111796	0	0	2.33437E-05	7.53024E-06	0	0.000165037	5.30822E-05	0	0	0.001447	0.000551	0.000728	0.000648	0.000735	0.00019
578985.224141971.3	578985.22	4141971	0.000462931	0.000347719	0.000184062	0.000111	3.52076E-05	5.89757E-06	3.50931E-05	1.89759E-06	0.000121135	0.000161166	0.000228818	0.000374434	2.13122E-05	1.01981E-06	7.29208E-05	2.25503E-05	0.000131477	0.000356136	0.000108053	1.56379E-05	6.94533E-07	0.000104905	0	0.000271729	0.000175379	0.000219765	3.90139E-05	0	4.97055E-06	2.01959E-05	0	6.18871E-05	0.000112242	0	0	2.34379E-05	7.56063E-06	0	0.000165697	5.32943E-05	0	0	0.001371	0.000541	0.00068	0.000605	0.000683	0.000178
579005.224141971.3	579005.22	4141971	0.000429547	0.000323154	0.000172022	0.000104	3.25358E-05	5.45002E-06	3.26132E-05	1.75894E-06	0.000111488	0.000148069	0.00021039	0.000344277	1.95958E-05	9.3768E-07	6.66433E-05	2.06089E-05	0.00011941	0.000324353	9.84098E-05	1.42423E-05	6.3255E-07	0.000105525	0	0.000273329	0.000176412	0.000221059	3.92432E-05	0	5.00146E-06	2.03152E-05	0	6.22514E-05	0.000112903	0	0	2.35765E-05	7.60531E-06	0	0.000166672	5.36081E-05	0	0	0.001304	0.000534	0.000637	0.000568	0.000639	0.000167
579025.224141971.3	579025.22	4141971	0.000399298	0.000301208	0.000161163	9.73E-05	3.00903E-05	5.04037E-06	3.04304E-05	1.63289E-06	0.000102509	0.000135443	0.000193753	0.000317054	1.80463E-05	8.63535E-07	6.10952E-05	1.88933E-05	0.00010901	0.000296181	8.98624E-05	1.30053E-05	5.7761E-07	0.000106398	0	0.000275588	0.000177869	0.000222886	3.95674E-05	0	5.04333E-06	2.04833E-05	0	6.27658E-05	0.000113836	0	0	2.37714E-05	7.66821E-06	0	0.00016805	5.40511E-05	0	0	0.001244	0.000528	0.000597	0.000535	0.0006	0.000157
579045.224141971.3	579045.22	4141971	0.000372051	0.000281808	0.000151358	9.13E-05	2.78471E-05	4.66462E-06	2.85118E-05	1.5184E-06	9.42451E-05	0.000123636	0.000178534	0.000292149	1.66287E-05	7.95703E-07	5.62114E-05	1.73831E-05	9.99904E-05	0.000271427	8.23519E-05	1.19183E-05	5.29335E-07	0.000107571	0	0.000278628	0.000179831	0.000225344	4.0004E-05	0	5.0984E-06	2.07091E-05	0	6.34582E-05	0.000115092	0	0	2.40335E-05	7.75274E-06	0	0.000169903	5.46473E-05	0	0	0.001191	0.000524	0.00056	0.000505	0.000566	0.000149
579065.224141971.3	579065.22	4141971	0.00034762	0.000264628	0.000142543	8.6E-05	2.57932E-05	4.32058E-06	2.68279E-05	1.41471E-06	8.67083E-05	0.000112944	0.000164527	0.000269229	1.53241E-05	7.33277E-07	5.19203E-05	1.60562E-05	9.21332E-05	0.00024984	7.58021E-05	1.09704E-05	4.87235E-07	0.000109174	0	0.000282786	0.000182515	0.000228707	4.06013E-05	0	5.17282E-06	2.10177E-05	0	6.44052E-05	0.00011681	0	0	2.43916E-05	7.86827E-06	0	0.000172439	5.54628E-05	0	0	0.001147	0.000523	0.000528	0.000478	0.000538	0.000143
579085.224141971.3	579085.22	4141971	0.000325683	0.000249344	0.000134594	8.12E-05	2.39199E-05	4.00679E-06	2.53495E-05	1.32093E-06	7.98749E-05	0.000103456	0.000151626	0.000248118	1.41225E-05	6.75779E-07	4.81646E-05	1.48947E-05	8.52563E-05	0.000231091	7.01136E-05	1.01472E-05	4.50671E-07	0.000111327	0	0.000288377	0.000186124	0.00023323	4.14049E-05	0	5.27156E-06	2.14323E-05	0	6.56787E-05	0.000119119	0	0	2.48728E-05	8.02348E-06	0	0.000175849	5.65595E-05	0	0	0.001109	0.000525	0.000499	0.000455	0.000515	0.000137
579105.224141971.3	579105.22	4141971	0.000305929	0.000235586	0.000127467	7.69E-05	2.2225E-05	3.72288E-06	2.40398E-05	1.2366E-06	7.37126E-05	9.5096E-05	0.00013983	0.000228816	1.30239E-05	6.23207E-07	4.48901E-05	1.38821E-05	7.92288E-05	0.000214813	6.5175E-05	9.43242E-06	4.18926E-07	0.000114068	0	0.000295494	0.000190717	0.000238985	4.24277E-05	0	5.39655E-06	2.19598E-05	0	6.72996E-05	0.000122059	0	0	2.5485E-05	8.22097E-06	0	0.000180188	5.79553E-05	0	0	0.001079	0.000529	0.000475	0.000435	0.000496	0.000133
579125.224141971.3	579125.22	4141971	0.000288096	0.00022312	0.000121056	7.31E-05	2.0702E-05	3.46776E-06	2.28879E-05	1.16112E-06	6.81571E-05	8.77223E-05	0.000129119	0.000211287	1.20262E-05	5.75467E-07	4.20371E-05	1.29998E-05	7.39436E-05	0.000200717	6.08983E-05	8.81349E-06	3.91437E-07	0.000117384	0	0.000304107	0.000196276	0.000245951	4.36657E-05	0	5.54811E-06	2.25983E-05	0	6.92613E-05	0.000125617	0	0	2.6226E-05	8.46001E-06	0	0.000185441	5.96446E-05	0	0	0.001054	0.000536	0.000454	0.000418	0.000482	0.00013
579145.224141971.3	579145.22	4141971	0.000271954	0.000211782	0.000115321	6.96E-05	1.93313E-05	3.23816E-06	2.18644E-05	1.0933E-06	6.31476E-05	8.11906E-05	0.000119448	0.000195463	1.11255E-05	5.32366E-07	3.95447E-05	1.22289E-05	6.93316E-05	0.000188456	5.71782E-05	8.2751E-06	3.67525E-07	0.000121506	0	0.000314808	0.000203183	0.000254606	4.52034E-05	0	5.73703E-06	2.33917E-05	0	7.16984E-05	0.000130037	0	0	2.71468E-05	8.75704E-06	0	0.000191966	6.17434E-05	0	0	0.001035	0.000547	0.000436	0.000404	0.000471	0.000128
579165.224141971.3	579165.22	4141971	0.000257353	0.000201408	0.000110176	6.65E-05	1.81151E-05	3.03443E-06	2.09583E-05	1.03297E-06	5.86631E-05	7.53693E-05	0.000110819	0.000181342	1.03217E-05	4.93906E-07	3.73641E-05	1.15544E-05	6.52737E-05	0.000177817	5.39502E-05	7.80793E-06	3.46777E-07	0.000126152	0	0.000326862	0.000210963	0.000264355	4.69353E-05	0	5.95236E-06	2.42862E-05	0	7.44438E-05	0.000135016	0	0	2.81849E-05	9.09191E-06	0	0.000199316	6.41076E-05	0	0	0.001022	0.00056	0.000421	0.000393	0.000463	0.000126
579185.224141971.3	579185.22	4141971	0.000244135	0.000192087	0.000105537	6.37E-05	1.70229E-05	2.85147E-06	2.01402E-05	9.78804E-07	5.46365E-05	7.01781E-05	0.000103102	0.000168714	9.60295E-06	4.59512E-07	3.54338E-05	1.09571E-05	6.17125E-05	0.00016851	5.11265E-05	7.39926E-06	3.28626E-07	0.000131886	0	0.000341736	0.000220563	0.000276384	4.9072E-05	0	6.21885E-06	2.53902E-05	0	7.78314E-05	0.00014116	0	0	2.94661E-05	9.50519E-06	0	0.000208386	6.70248E-05	0	0	0.001015	0.000578	0.00041	0.000385	0.000459	0.000126
578790.014141986.4	578790.01	4141986	0.000921359	0.000707323	0.000346954	0.000209	7.3992E-05	1.23943E-05	7.39391E-05	3.89166E-06	0.000251457	0.000342536	0.000458796	0.000750764	4.27324E-05	2.0448E-06	0.000170673	5.27742E-05	0.000322117	0.000868443	0.000263488	3.81333E-05	1.69363E-06	9.55902E-05	0	0.000247934	0.000160021	0.000200521	3.56164E-05	0	4.44521E-06	1.84026E-05	0	5.64677E-05	0.000102414	0	0	2.13568E-05	6.88928E-06	0	0.000151187	4.86274E-05	0	0	0.002319	0.000644	0.001258	0.00109	0.001401	0.000352
578810.014141986.4	578810.01	4141986	0.000848844	0.000653738	0.000322389	0.000195	6.85614E-05	1.14846E-05	6.75192E-05	3.5983E-06	0.000237195	0.00032173	0.000439798	0.000719677	4.0963E-05	1.96013E-06	0.0001537	4.75274E-05	0.000287003	0.000782595	0.000237442	3.43637E-05	1.52621E-06	9.68063E-05	0	0.00025103	0.00016202	0.000203024	3.60578E-05	0	4.51649E-06	1.86367E-05	0	5.71728E-05	0.000103692	0	0	2.16285E-05	6.97693E-06	0	0.000153075	4.92346E-05	0	0	0.002173	0.000628	0.001198	0.001042	0.001277	0.000323
578830.014141986.4	578830.01	4141986	0.000782253	0.000603671	0.000300142	0.000181	6.30351E-05	1.05589E-05	6.18586E-05	3.31095E-06	0.000219807	0.0002956	0.000414457	0.00067821	3.86027E-05	1.84719E-06	0.000139047	4.30056E-05	0.000258268	0.000701362	0.000212796	3.07968E-05	1.36779E-06	9.74572E-05	0	0.000252657	0.000163069	0.00020434	3.6288E-05	0	4.56225E-06	1.8762E-05	0	5.75433E-05	0.000104364	0	0	2.17739E-05	7.02384E-06	0	0.000154067	4.95536E-05	0	0	0.002036	0.000612	0.001123	0.000984	0.001164	0.000295
578850.014141986.4	578850.01	4141986	0.000722	0.000556841	0.000279668	0.000169	5.76697E-05	9.66017E-06	5.68254E-05	3.0425E-06	0.000200958	0.000267483	0.000384877	0.000629805	3.58476E-05	1.71535E-06	0.000126374	3.90957E-05	0.000235176	0.000629513	0.000190996	2.76419E-05	1.22767E-06	9.78598E-05	0	0.000253649	0.000163709	0.000205142	3.64275E-05	0	4.59421E-06	1.88395E-05	0	5.77691E-05	0.000104774	0	0	2.18638E-05	7.05285E-06	0	0.000154671	4.97481E-05	0	0	0.00191	0.000595	0.00104	0.00092	0.001066	0.00027
578870.014141986.4	578870.01	4141986	0.000668077	0.000513157	0.000260753	0.000157	5.27134E-05	8.82995E-06	5.23205E-05	2.79716E-06	0.000182631	0.000240642	0.000353665	0.000578731	3.29405E-05	1.57624E-06	0.000115207	3.56468E-05	0.000215182	0.000567705	0.000172243	2.49279E-05	1.10713E-06	9.80599E-05	0	0.000254122	0.000164015	0.000205525	3.64929E-05	0	4.61492E-06	1.8878E-05	0	5.7877E-05	0.00010497	0	0	2.19085E-05	7.06727E-06	0	0.00015496	4.98411E-05	0	0	0.001794	0.00058	0.000959	0.000855	0.000981	0.000248
578890.014141986.4	578890.01	4141986	0.000619629	0.000473092	0.000243167	0.000147	4.82597E-05	8.08391E-06	4.82337E-05	2.57553E-06	0.00016612	0.000217418	0.000322904	0.000528394	3.00754E-05	1.43914E-06	0.000105118	3.25251E-05	0.000196416	0.000514528	0.000156109	2.25929E-05	1.00343E-06	9.81371E-05	0	0.000254284	0.000164119	0.000205656	3.6514E-05	0	4.62828E-06	1.88929E-05	0	5.79138E-05	0.000105036	0	0	2.19258E-05	7.07284E-06	0	0.000155059	4.98727E-05	0	0	0.001688	0.000565	0.000883	0.000792	0.000906	0.00023
578910.014141986.4	578910.01	4141986	0.000575402	0.000436951	0.000226699	0.000137	4.4276E-05	7.4166E-06	4.44735E-05	2.37536E-06	0.000151801	0.000198571	0.000293968	0.000481043	2.73803E-05	1.31018E-06	9.58483E-05	2.96535E-05	0.000178316	0.000467935	0.000141973	2.0547E-05	9.12563E-07	9.82682E-05	0	0.00025459	0.00016432	0.000205908	3.6557E-05	0	4.64163E-06	1.89181E-05	0	5.79847E-05	0.000105165	0	0	2.19551E-05	7.08229E-06	0	0.000155249	4.99338E-05	0	0	0.001592	0.000551	0.000817	0.000733	0.000838	0.000213
578930.014141986.4	578930.01	4141986	0.000534589	0.000404337	0.000211348	0.000128	4.07426E-05	6.82473E-06	4.10324E-05	2.19514E-06	0.000139533	0.000183306	0.000267887	0.000438364	2.49511E-05	1.19394E-06	8.73641E-05	2.70243E-05	0.000161133	0.000426363	0.00012936	1.87216E-05	8.31489E-07	9.84673E-05	0	0.000255088	0.000164638	0.000206306	3.66264E-05	0	4.65694E-06	1.89565E-05	0	5.80969E-05	0.000105368	0	0	2.19996E-05	7.09664E-06	0	0.000155549	5.00304E-05	0	0	0.001504	0.000539	0.000759	0.000679	0.000777	0.000199
578950.014141986.4	578950.01	4141986	0.000496693	0.000374723	0.000197178	0.000119	3.76139E-05	6.30065E-06	3.79215E-05	2.03219E-06	0.000128828	0.000170195	0.00024495	0.000400831	2.28148E-05	1.09171E-06	7.96823E-05	2.46444E-05	0.00014542	0.000388749	0.000117948	1.70699E-05	7.58134E-07	9.8679E-05	0	0.000255616	0.000164979	0.000206733	3.67012E-05	0	4.67194E-06	1.89972E-05	0	5.82173E-05	0.000105587	0	0	2.20469E-05	7.1119E-06	0	0.000155871	5.01341E-05	0	0	0.001423	0.000528	0.000709	0.000632	0.000722	0.000186

578970.014141986.4	578970.01	4141986	0.000461418	0.000347764	0.000184105	0.000111	3.47985E-05	5.82905E-06	3.51188E-05	1.88423E-06	0.000119104	0.000158044	0.000224847	0.000367935	2.09423E-05	1.00212E-06	7.27707E-05	2.25046E-05	0.000131519	0.000354591	0.000107584	1.55701E-05	6.9152E-07	9.90207E-05	0	0.000256488	0.000165542	0.000207438	3.68256E-05	0	4.69145E-06	1.9063E-05	0	5.84158E-05	0.000105947	0	0	2.21232E-05	7.13652E-06	0	0.000156403	5.0305E-05	0	0	0.001349	0.000519	0.000664	0.000591	0.000672	0.000174
578990.014141986.4	578990.01	4141986	0.000428763	0.000323274	0.000172128	0.000104	3.22268E-05	5.39827E-06	3.26095E-05	1.74948E-06	0.000110043	0.000146167	0.000207094	0.000338885	1.92889E-05	9.22995E-07	6.65907E-05	2.05926E-05	0.00011943	0.000323677	9.82047E-05	1.42126E-05	6.31232E-07	9.97077E-05	0	0.000258261	0.000166686	0.000208872	3.70798E-05	0	4.72566E-06	1.91953E-05	0	5.88196E-05	0.000106679	0	0	2.22767E-05	7.18603E-06	0	0.000157484	5.06528E-05	0	0	0.001282	0.000512	0.000623	0.000555	0.000628	0.000164
579010.014141986.4	579010.01	4141986	0.00039881	0.000301185	0.000161205	9.73E-05	2.98683E-05	5.0032E-06	3.0379E-05	1.62614E-06	0.000101545	0.000134508	0.000191156	0.000312804	1.78043E-05	8.51958E-07	6.10837E-05	1.88897E-05	0.000108966	0.00029593	8.97862E-05	1.29943E-05	5.7712E-07	0.000100609	0	0.000260594	0.000168192	0.000210759	3.74146E-05	0	4.76903E-06	1.93689E-05	0	5.9351E-05	0.000107643	0	0	2.24782E-05	7.25102E-06	0	0.000158907	5.11103E-05	0	0	0.001222	0.000506	0.000585	0.000523	0.00059	0.000154
579030.014141986.4	579030.01	4141986	0.000371579	0.000281389	0.000151294	9.13E-05	2.76991E-05	4.63984E-06	2.8409E-05	1.51345E-06	9.36303E-05	0.000123291	0.000176634	0.00028904	1.64518E-05	7.87236E-07	5.61958E-05	1.73783E-05	9.98639E-05	0.000271195	8.22816E-05	1.19082E-05	5.28883E-07	0.000101738	0	0.000263519	0.00017008	0.000213125	3.78348E-05	0	4.822E-06	1.95861E-05	0	6.00172E-05	0.000108851	0	0	2.27303E-05	7.33236E-06	0	0.000160691	5.16841E-05	0	0	0.00117	0.000502	0.00055	0.000494	0.000556	0.000146
579050.014141986.4	579050.01	4141986	0.000346996	0.000263794	0.000142333	8.59E-05	2.57018E-05	4.30527E-06	2.66702E-05	1.41066E-06	8.63335E-05	0.000112865	0.00016325	0.000267139	1.52052E-05	7.27585E-07	5.18603E-05	1.60378E-05	9.19224E-05	0.000249376	7.56615E-05	1.09501E-05	4.86331E-07	0.000103203	0	0.000267319	0.000172532	0.000216198	3.83805E-05	0	4.89027E-06	1.98682E-05	0	6.08825E-05	0.00011042	0	0	2.30576E-05	7.43795E-06	0	0.000163007	5.24292E-05	0	0	0.001124	0.0005	0.000519	0.000468	0.000528	0.00014
579070.014141986.4	579070.01	4141986	0.000324889	0.000248157	0.000134257	8.1E-05	2.38677E-05	3.99804E-06	2.51367E-05	1.31718E-06	7.96703E-05	0.000103441	0.000150896	0.000246923	1.40545E-05	6.72526E-07	4.80322E-05	1.48539E-05	8.49491E-05	0.000230241	6.98558E-05	1.01099E-05	4.49014E-07	0.000104998	0	0.000271976	0.000175538	0.000219964	3.90495E-05	0	4.97355E-06	2.02138E-05	0	6.19432E-05	0.000112344	0	0	2.34587E-05	7.56732E-06	0	0.000165847	5.33426E-05	0	0	0.001084	0.0005	0.000491	0.000445	0.000503	0.000134
579090.014141986.4	579090.01	4141986	0.000304998	0.000234206	0.000126961	7.66E-05	2.21946E-05	3.71778E-06	2.3783E-05	1.2327E-06	7.36266E-05	9.50813E-05	0.000139476	0.000228236	1.29909E-05	6.21628E-07	4.46671E-05	1.38132E-05	7.88071E-05	0.0002135	6.47766E-05	9.37477E-06	4.16366E-07	0.000107288	0	0.00027792	0.000179375	0.000224772	3.99038E-05	0	5.07889E-06	2.06547E-05	0	6.32971E-05	0.0001148	0	0	2.39704E-05	7.73239E-06	0	0.000169472	5.45086E-05	0	0	0.001051	0.000503	0.000466	0.000425	0.000483	0.000129
579110.014141986.4	579110.01	4141986	0.000287021	0.000221646	0.000120382	7.27E-05	2.06694E-05	3.4623E-06	2.25798E-05	1.15617E-06	6.81528E-05	8.77077E-05	0.00012899	0.000211077	1.20142E-05	5.74893E-07	4.17137E-05	1.28999E-05	7.3415E-05	0.000198883	6.03418E-05	8.73294E-06	3.8786E-07	0.000110219	0	0.00028553	0.000184286	0.000230927	4.09974E-05	0	5.21304E-06	2.12189E-05	0	6.50302E-05	0.000117943	0	0	2.46251E-05	7.9436E-06	0	0.000174112	5.60011E-05	0	0	0.001025	0.000509	0.000445	0.000408	0.000467	0.000125
579130.014141986.4	579130.01	4141986	0.000270729	0.000210249	0.000114456	6.91E-05	1.92921E-05	3.2316E-06	2.15122E-05	1.08744E-06	6.31928E-05	8.11769E-05	0.000119438	0.000195445	1.11245E-05	5.32319E-07	3.91291E-05	1.21006E-05	6.86613E-05	0.00018612	5.64693E-05	8.17251E-06	3.62969E-07	0.000113804	0	0.000294839	0.000190295	0.000238456	4.23353E-05	0	5.37705E-06	2.1909E-05	0	6.71504E-05	0.000121788	0	0	2.54261E-05	8.20197E-06	0	0.000179789	5.78269E-05	0	0	0.001004	0.000517	0.000426	0.000393	0.000455	0.000123
579150.014141986.4	579150.01	4141986	0.000255944	0.00019979	0.000109122	6.59E-05	1.80563E-05	3.02459E-06	2.05657E-05	1.02562E-06	5.87126E-05	7.53496E-05	0.000110808	0.000181324	1.03207E-05	4.93858E-07	3.68639E-05	1.14001E-05	6.44829E-05	0.000175017	5.31007E-05	7.68499E-06	3.41317E-07	0.000117972	0	0.000305658	0.000197277	0.000247206	4.38899E-05	0	5.56882E-06	2.27114E-05	0	6.96145E-05	0.000126257	0	0	2.63573E-05	8.50237E-06	0	0.000186386	5.99488E-05	0	0	0.000988	0.000528	0.000411	0.000382	0.000446	0.000121
579170.014141986.4	579170.01	4141986	0.000242512	0.000190205	0.000104335	6.3E-05	1.69489E-05	2.83908E-06	1.9722E-05	9.70251E-07	5.46702E-05	7.01157E-05	0.000103048	0.000168626	9.59795E-06	4.59273E-07	3.4869E-05	1.0783E-05	6.07818E-05	0.000165324	5.01598E-05	7.25936E-06	3.22413E-07	0.000122686	0	0.000317886	0.00020517	0.000257095	4.56466E-05	0	5.7876E-06	2.36189E-05	0	7.23995E-05	0.000131308	0	0	2.74105E-05	8.8421E-06	0	0.000193843	6.23471E-05	0	0	0.000978	0.000542	0.000399	0.000372	0.00044	0.00012
579190.014141986.4	579190.01	4141986	0.000230309	0.000181527	9.99913E-05	6.03E-05	1.59524E-05	2.67216E-06	1.89589E-05	9.20433E-07	5.10278E-05	6.54408E-05	9.60931E-05	0.000157245	8.95016E-06	4.28275E-07	3.30964E-05	1.02346E-05	5.7525E-05	0.00015677	4.75645E-05	6.88376E-06	3.05731E-07	0.000128716	0	0.000333529	0.000215266	0.000269746	4.78938E-05	0	6.06775E-06	2.47799E-05	0	7.59621E-05	0.00013777	0	0	2.87578E-05	9.27672E-06	0	0.000203381	6.54151E-05	0	0	0.000974	0.000561	0.00039	0.000366	0.000437	0.00012
578810.544142001.4	578810.54	4142001	0.000781091	0.000604313	0.000300396	0.000181	6.23193E-05	1.0439E-05	6.20971E-05	3.29309E-06	0.00021513	0.000290465	0.000400579	0.0006555	3.73102E-05	1.78533E-06	0.000138352	4.27825E-05	0.000256205	0.000699837	0.000212333	3.07298E-05	1.36481E-06	9.14499E-05	0	0.00023711	0.000153035	0.000191767	3.40567E-05	0	4.27415E-06	1.76055E-05	0	5.40026E-05	9.79425E-05	0	0	2.04318E-05	6.59089E-06	0	0.000144587	4.65045E-05	0	0	0.002014	0.000588	0.001092	0.000951	0.00115	0.000291
578830.544142001.4	578830.54	4142001	0.000722129	0.000559828	0.000280406	0.000169	5.73434E-05	9.6055E-06	5.71299E-05	3.03665E-06	0.000198786	0.000265838	0.000376119	0.000615473	3.50319E-05	1.67632E-06	0.000125837	3.89219E-05	0.000232431	0.00062988	0.000191108	2.7658E-05	1.22839E-06	9.20028E-05	0	0.00023849	0.000153926	0.000192882	3.42517E-05	0	4.31361E-06	1.7712E-05	0	5.43167E-05	9.85123E-05	0	0	2.05553E-05	6.63073E-06	0	0.000145428	4.67751E-05	0	0	0.001893	0.000573	0.001021	0.000897	0.001053	0.000267
578850.544142001.4	578850.54	4142001	0.000668724	0.00051787	0.000261892	0.000158	5.25655E-05	8.80517E-06	5.26726E-05	2.79761E-06	0.000181682	0.000240423	0.000348631	0.000570493	3.24717E-05	1.55381E-06	0.00011493	3.55575E-05	0.000213127	0.00056813	0.000172372	2.49465E-05	1.10796E-06	9.24017E-05	0	0.000239483	0.000154567	0.000193685	3.4392E-05	0	4.34272E-06	1.77888E-05	0	5.45428E-05	9.89224E-05	0	0	2.06444E-05	6.65949E-06	0	0.000146033	4.69698E-05	0	0	0.00178	0.000559	0.000946	0.000839	0.00097	0.000245
578870.544142001.4	578870.54	4142001	0.000620846	0.000478569	0.000244791	0.000148	4.82075E-05	8.07517E-06	4.8674E-05	2.58048E-06	0.000165549	0.000216931	0.000320489	0.000524442	2.98505E-05	1.42838E-06	0.000105261	3.25705E-05	0.000195954	0.000515165	0.000156303	2.26209E-05	1.00467E-06	9.26197E-05	0	0.000240007	0.000154905	0.00019411	3.4465E-05	0	4.36313E-06	1.78307E-05	0	5.46623E-05	9.91391E-05	0	0	2.06931E-05	6.6752E-06	0	0.000146353	4.70727E-05	0	0	0.001677	0.000545	0.000874	0.000781	0.000897	0.000227
578890.544142001.4	578890.54	4142001	0.000577479	0.000442458	0.000228765	0.000138	4.42847E-05	7.41806E-06	4.50128E-05	2.38391E-06	0.000151186	0.000197086	0.000293131	0.000479673	2.73023E-05	1.30645E-06	9.64186E-05	2.98339E-05	0.000179512	0.000469229	0.000142366	2.06038E-05	9.15086E-07	9.27931E-05	0	0.000240424	0.000155174	0.000194446	3.45229E-05	0	4.37964E-06	1.78641E-05	0	5.47571E-05	9.9311E-05	0	0	2.07318E-05	6.68769E-06	0	0.000146607	4.71543E-05	0	0	0.001582	0.000532	0.000808	0.000725	0.000832	0.000211
578910.544142001.4	578910.54	4142001	0.000537653	0.000409656	0.000213731	0.000129	4.07818E-05	6.83129E-06	4.16341E-05	2.20595E-06	0.000138808	0.000181107	0.000267704	0.000438066	2.49341E-05	1.19312E-06	8.82428E-05	2.73007E-05	0.000163485	0.000428661	0.000130057	1.88225E-05	8.3597E-07	9.30122E-05	0	0.000240967	0.000155524	0.000194885	3.45995E-05	0	4.39614E-06	1.79063E-05	0	5.48808E-05	9.95354E-05	0	0	2.07808E-05	6.70348E-06	0	0.000146938	4.72609E-05	0	0	0.001495	0.00052	0.00075	0.000673	0.000773	0.000197
578930.544142001.4	578930.54	4142001	0.00050071	0.000379974	0.000199708	0.000121	3.76705E-05	6.31013E-06	3.85305E-05	2.04494E-06	0.00012815	0.000168099	0.000244896	0.000400743	2.28098E-05	1.09147E-06	8.07258E-05	2.49709E-05	0.000148233	0.000392167	0.000118985	1.722E-05	7.64799E-07	9.33004E-05	0	0.000241693	0.000155993	0.000195473	3.47026E-05	0	4.4149E-06	1.79618E-05	0	5.50462E-05	9.98354E-05	0	0	2.08452E-05	6.72425E-06	0	0.000147381	4.74033E-05	0	0	0.001415	0.00051	0.0007	0.000626	0.000719	0.000184
578950.544142001.4	578950.54	4142001	0.000466266	0.00035299	0.000186656	0.000113	3.48899E-05	5.84436E-06	3.57021E-05	1.89864E-06	0.000118736	0.00015674	0.000224804	0.000367865	2.09384E-05	1.00192E-06	7.38787E-05	2.28495E-05	0.000134279	0.000358955	0.000108908	1.57617E-05	7.00031E-07	9.36883E-05	0	0.000242682	0.000156632	0.000196273	3.48439E-05	0	4.43711E-06	1.80364E-05	0	5.52716E-05	0.000100244	0	0	2.09318E-05	6.75221E-06	0	0.000147985	4.75974E-05	0	0	0.001342	0.0005	0.000656	0.000585	0.000671	0.000173
578970.544142001.4	578970.54	4142001	0.000434127	0.000328372	0.000174637	0.000105	3.23791E-05	5.42378E-06	3.31451E-05	1.76524E-06	0.000110119	0.000145996	0.000207148	0.000338973	1.92939E-05	9.23234E-07	6.76995E-05	2.09363E-05	0.000121897	0.000328601	9.96986E-05	1.44289E-05	6.40835E-07	9.41954E-05	0	0.000243985	0.000157473	0.000197327	3.50303E-05	0	4.46382E-06	1.81341E-05	0	5.55683E-05	0.000100782	0	0	2.10451E-05	6.78876E-06	0	0.000148779	4.78529E-05	0	0	0.001275	0.000493	0.000617	0.000549	0.000627	0.000163
578990.544142001.4	578990.54	4142001	0.000404297	0.000305912	0.000163566	9.87E-05	3.00772E-05	5.03819E-06	3.08449E-05	1.64294E-06	0.000102046	0.000135359	0.000191467	0.000313313	1.78333E-05	8.53346E-07	6.21514E-05	1.92198E-05	0.000111095	0.000300989	9.13211E-05	1.32164E-05	5.86986E-07	9.49289E-05	0	0.00024588	0.000158695	0.000198859	3.5302E-05	0	4.49998E-06	1.82753E-05	0	5.59998E-05	0.000101565	0	0	2.1209E-05	6.84162E-06	0	0.000149934	4.82245E-05	0	0	0.001215	0.000486	0.00058	0.000517	0.000588	0.000153
579010.544142001.4	579010.54	4142001	0.000376819	0.000285494	0.000153424	9.26E-05	2.79537E-05	4.68248E-06	2.87906E-05	1.5307E-06	9.44309E-05	0.000124834	0.00017731	0.000290147	1.65148E-05	7.9025E-07	5.71856E-05	1.76842E-05	0.000101681	0.000276042	8.3752E-05	1.2121E-05	5.38334E-07	9.59454E-05	0	0.000248513	0.000160395	0.000200988	3.568E-05	0	4.54815E-06	1.8471E-05	0	5.65995E-05	0.000102652	0	0	2.14361E-05	6.91488E-06	0	0.00015154	4.87409E-05	0	0	0.00116	0.000482	0.000547	0.000489	0.000554	0.000145
579030.544142001.4	579030.54	4142001	0.000351718	0.00026714	0.000144188	8.7E-05	2.59847E-05	4.35265E-06	2.69563E-05	1.42762E-06	8.72957E-05	0.000114723	0.000164323	0.000268895	1.53051E-05	7.32368E-07	5.27448E-05	1.63112E-05	9.34523E-05	0.000253701	7.69738E-05	1.114E-05	4.94766E-07	9.7282E-05	0	0.000251978	0.000162631	0.000203791	3.61777E-05	0	4.61072E-06	1.87283E-05	0	5.73887E-05	0.000104084	0	0	2.17348E-05	7.01122E-06	0	0.000153653	4.94205E-05	0	0	0.001112	0.000479	0.000516	0.000463	0.000524	0.000138
579050.544142001.4	579050.54	4142001	0.000328972	0.000250735	0.000135796	8.2E-05	2.41658E-05	4.04797E-06	2.53311E-05	1.33323E-06	8.0703E-05	0.000105298	0.000152302	0.000249224	1.41855E-05	6.78792E-07	4.8788E-05	1.50878E-05	8.62246E-05	0.000233852	7.09514E-05	1.02684E-05	4.56055E-07	9.88845E-05	0	0.000256135	0.000165314	0.000207153	3.6775E-05	0	4.685E-06	1.90368E-05	0	5.83355E-05	0.000105801	0	0	2.20928E-05	7.12671E-06	0	0.000156188	5.02359E-05	0	0	0.001071	0.000479	0.000488	0.000441	0.000498	0.000132
579070.544142001.4	579070.54	4142001	0.000308445	0.000236105	0.000128205	7.74E-05	2.24883E-05	3.76698E-06	2.38931E-05	1.2471E-06	7.46669E-05	9.67762E-05	0.00014114	0.000230958	1.31458E-05	6.29043E-07	4.52687E-05	1.39995E-05	7.98506E-05	0.0002163	6.56261E-05	9.49771E-06	4.21826E-07	0.000100855	0	0.000261249	0.000168615	0.000211289	3.75097E-05	0	4.77608E-06	1.94162E-05	0	5.95001E-05	0.000107913	0	0	2.25331E-05	7.26873E-06	0	0.000159306	5.12388E-05	0	0	0.001035	0.00048	0.000463	0.00042	0.000477	0.000127
579090.544142001.4	579090.54	4142001	0.000289931	0.000223044	0.000121352	7.32E-05	2.09544E-05	3.51004E-06	2.26164E-05	1.16877E-06	6.91812E-05	8.91934E-05	0.000130804	0.000214045	1.21831E-05	5.82977E-07	4.21555E-05	1.30366E-05	7.42039E-05	0.000200891	6.0951E-05	8.82112E-06	3.91776E-07	0.000103197	0	0.000267326	0.000172537	0.000216204	3.83829E-05	0	4.88412E-06	1.9867E-05	0	6.08843E-05	0.000110424	0	0	2.30563E-05	7.43751E-06	0	0.000163012	5.24308E-05	0	0	0.001005	0.000483	0.00044	0.000402	0.000459	0.000123
579110.544142001.4	579110.54	4142001	0.000273189	0.000211308	0.000115131	6.95E-05	1.95532E-05	3.27533E-06	2.14792E-05	1.0978E-06	6.41968E-05	8.24883E-05	0.000121284	0.000198466	1.12964E-05	5.40546E-07	3.94087E-05	1.21871E-05	6.92093E-05	0.000187356	5.68443E-05	8.22677E-06	3.65379E-07	0.000106113	0	0.000274897	0.000177424	0.000222327	3.94709E-05	0	5.01797E-06	2.04284E-05	0	6.26085E-05	0.000113551	0	0	2.37078E-05	7.64768E-06	0	0.000167629	5.39156E-05	0	0	0.000981	0.000489	0.000421	0.000387	0.000444	0.000119
579130.544142001.4	579130.54	4142001	0.000257973	0.000200645	0.000109501	6.61E-05	1.82804E-05	3.06213E-06	2.04667E-05	1.03357E-06	5.96636E-05	7.6532E-05	0.000112558	0.000184187	1.04837E-05	5.01656E-07	3.69937E-05	1.14404E-05	6.48125E-05	0.000175461	5.32355E-05	7.70449E-06	3.42183E-07	0.000109715	0	0.000284249	0.000183459	0.00022989	4.08148E-05	0	5.18303E-06	2.11218E-05	0	6.47384E-05	0.000117414	0	0	2.45125E-05	7.90726E-06	0	0.000173331	5.57497E-05	0	0	0.000962	0.000498	0.000405	0.000374	0.000433	0.000117
579150.544142001.4	579150.54	4142001	0.000244121	0.00019082	0.000104462	6.3E-05	1.71338E-05	2.87006E-06	1.95679E-05	9.75803E-07	5.55553E-05	7.11784E-05	0.000104647	0.000171243	9.7469E-06	4.66401E-07	3.48709E-05	1.07839E-05	6.09021E-05	0.000165092	5.00895E-05	7.24919E-06	3.21961E-07	0.000113696	0	0.000294581	0.000190128	0.000238246	4.22993E-05	0	5.36684E-06	2.18883E-05	0	6.70915E-05	0.000121681	0	0	2.5402E-05	8.19421E-06	0	0.000179631	5.77761E-05	0	0	0.000948	0.000509	0.000391	0.000363	0.000425	0.000115
579170.544142001.4	579170.54	4142001	0.000231495	0.000181787	9.98858E-05	6.03E-05	1.61004E-05	2.69695E-06	1.87608E-05	9.23735E-07	5.18251E-05	6.63651E-05	9.74991E-05	0.000159546	9.08112E-06	4.34542E-07	3.29955E-05	1.02039E-05	5.74495E-05	0.000155959	4.73185E-05	6.84815E-06	3.0415E-07	0.000118428	0	0.000306856	0.000198051	0.000248175	4.40629E-05	0	5.58622E-06	2.27993E-05	0	6.98874E-05	0.000126752	0	0	2.64592E-05	8.53524E-06	0	0.000187117	6.01838E-05	0	0	0.000938	0.000523	0.00038	0.000355	0.000419	0.000115
579190.544142001.4	579190.54	4142001	0.000219981	0.000173527	9.57318E-05	5.78E-05	1.51691E-05	2.54096E-06	1.80345E-05	8.76918E-07	4.84464E-05	6.20297E-05	9.10593E-05	0.000149008	8.48131E-06	4.0584E-07	3.13275E-05	9.68791E-06	5.43883E-05	0.000147907	4.48755E-05	6.49459E-06	2.88447E-07	0.000124228	0	0.0003219	0.00020776	0.000260342	4.62241E-05	0	5.85542E-06	2.39157E-05	0	7.33137E-05	0.000132966	0	0	2.77549E-05	8.95321E-06	0	0.000196291	6.31344E-05	0	0	0.000935	0.000541	0.000372	0.00035	0.000417	0.000115

Cubberley Community Center Master Plan

Cancer Risk Summary & Maximum Annual GLC for Chronic Calculations
Residential Receptors

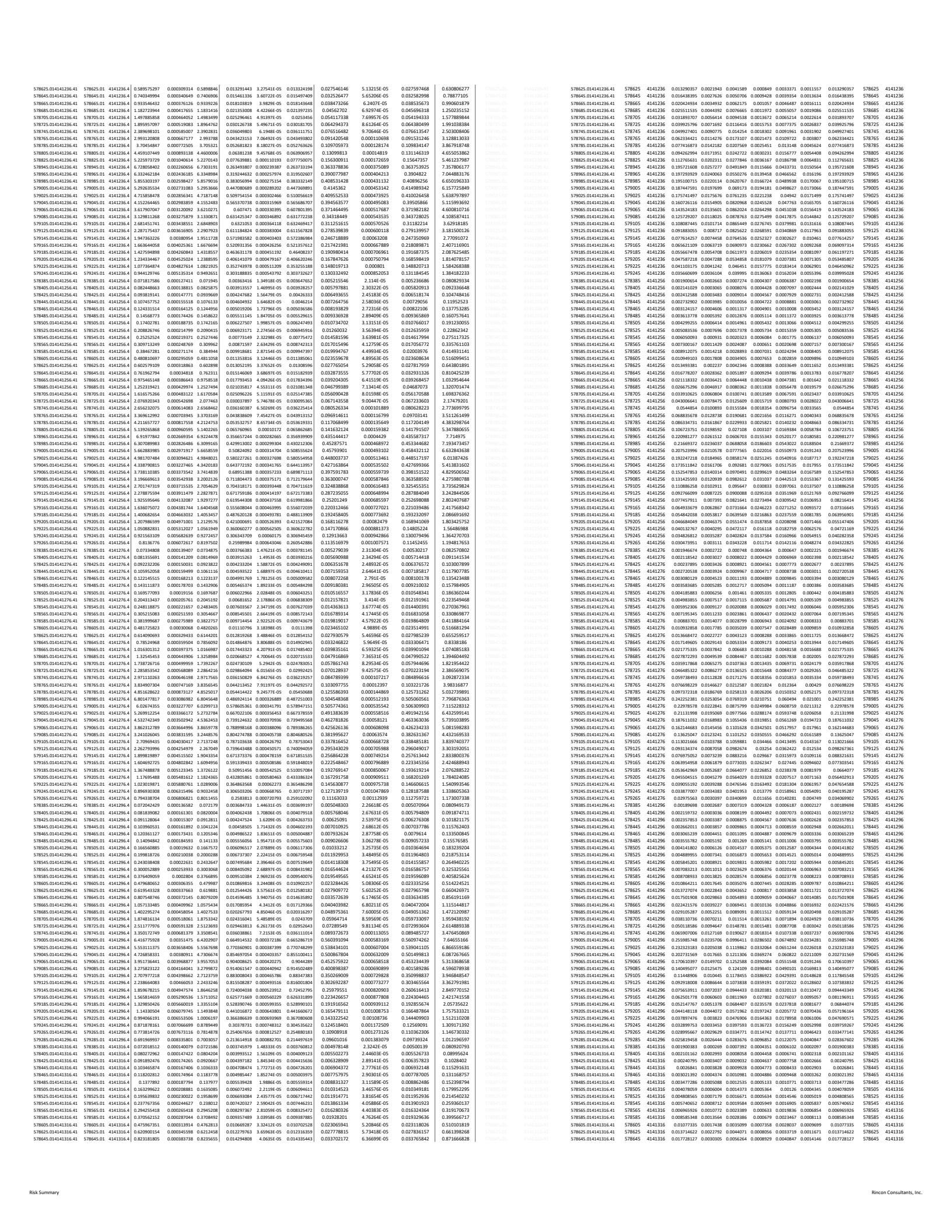
Cancer Risk Summary	Max Risk:	12.46857	579291	4141383
UTM X/Y	579025	4141436	579153	4141512

			Phase I			Phase II			Phase III			Sum
XY	X	Y	Offroad Risk	Haul Risk	Total Risk	Offroad Risk	Haul Risk	Total Risk	Offroad Risk	Haul Risk	Total Risk	Total Risk
578385.014141176.41	578385.01	4141176.4	0.076561673	0.000118669	0.0766803	0.003734015	1.25662E-05	0.003746581	0.005590254	1.96896E-05	0.005609943	0.086036866
578405.014141176.41	578405.01	4141176.4	0.086679219	0.000124559	0.0868038	0.004047171	1.31899E-05	0.004060361	0.006200933	2.0667E-05	0.0062216	0.097085739
578425.014141176.41	578425.01	4141176.4	0.099041202	0.000131714	0.0991729	0.004411187	1.39476E-05	0.004425134	0.006922378	2.1854E-05	0.006944232	0.110542282
578445.014141176.41	578445.01	4141176.4	0.116127833	0.000144113	0.1162719	0.00483839	1.52606E-05	0.00485365	0.007783695	2.39114E-05	0.007807606	0.128933203
578465.014141176.41	578465.01	4141176.4	0.134101844	0.000148686	0.1342505	0.005305357	1.57448E-05	0.005321102	0.008748063	2.467E-05	0.008772733	0.148344366
578485.014141176.41	578485.01	4141176.4	0.15637536	0.000160682	0.156536	0.00585647	1.7015E-05	0.005873485	0.009900483	2.66604E-05	0.009927143	0.17233667
578505.014141176.41	578505.01	4141176.4	0.184624376	0.000173135	0.1847975	0.006533525	1.83338E-05	0.006551859	0.011323827	2.87267E-05	0.011352553	0.202701923
578525.014141176.41	578525.01	4141176.4	0.218278798	0.000184782	0.2184636	0.007288737	1.9567E-05	0.007308304	0.012937833	3.0659E-05	0.012968492	0.238740375
578545.014141176.41	578545.01	4141176.4	0.26079177	0.000202937	0.2609947	0.008331372	2.14895E-05	0.008352862	0.015105038	3.36714E-05	0.01513871	0.284486278
578565.014141176.41	578565.01	4141176.4	0.311049304	0.000213857	0.3112632	0.009386465	2.26459E-05	0.009409111	0.017081579	3.54833E-05	0.017117062	0.337789335
578585.014141176.41	578585.01	4141176.4	0.373550235	0.000238145	0.3737884	0.010655333	2.52178E-05	0.010680551	0.019952306	3.95131E-05	0.019991819	0.40446075
578605.014141176.41	578605.01	4141176.4	0.450186422	0.000262245	0.4504487	0.01215833	2.77698E-05	0.0121861	0.023021064	4.35117E-05	0.023064575	0.485699342
578625.014141176.41	578625.01	4141176.4	0.5425683	0.00026905	0.5428373	0.013913032	2.84904E-05	0.013941523	0.026242977	4.46408E-05	0.026287618	0.58306649
578645.014141176.41	578645.01	4141176.4	0.655404969	0.000291105	0.6556961	0.015748087	3.08259E-05	0.015778913	0.030315335	4.83002E-05	0.030363636	0.701838623
578665.014141176.41	578665.01	4141176.4	0.800900036	0.000320907	0.8012209	0.018586794	3.39817E-05	0.018620776	0.035214945	5.3245E-05	0.03526819	0.855109909
578685.014141176.41	578685.01	4141176.4	0.984230657	0.000374163	0.9846048	0.021747884	3.96211E-05	0.021787505	0.041562991	6.20812E-05	0.041625072	1.048017397
578705.014141176.41	578705.01	4141176.4	1.205607046	0.00041362	1.2060207	0.025456191	4.37994E-05	0.025499991	0.048429029	6.8628E-05	0.048497657	1.280018315
578725.014141176.41	578725.01	4141176.4	1.474815646	0.000459291	1.4752749	0.029873112	4.86356E-05	0.029921747	0.056489572	7.62058E-05	0.056565778	1.561762462
578745.014141176.41	578745.01	4141176.4	1.80200283	0.000514349	1.8025172	0.035205369	5.44658E-05	0.035259834	0.066103817	8.5341E-05	0.066189158	1.903966171
578765.014141176.41	578765.01	4141176.4	2.176537788	0.000574948	2.1771127	0.041429351	6.08828E-05	0.041490234	0.07716996	9.53955E-05	0.077265355	2.295868324
578785.014141176.41	578785.01	4141176.4	2.605506492	0.000648726	2.6061552	0.048930279	6.86953E-05	0.048998975	0.090303816	0.000107637	0.090411452	2.745565645
578805.014141176.41	578805.01	4141176.4	3.071640172	0.000736383	3.0723766	0.057909314	7.79776E-05	0.057987291	0.105656243	0.000122181	0.105778424	3.23614227
578825.014141176.41	578825.01	4141176.4	3.559143059	0.000843271	3.5599863	0.068854055	8.92963E-05	0.068943351	0.123704417	0.000139916	0.123844333	3.752774015
578845.014141176.41	578845.01	4141176.4	4.03515826	0.000970197	4.0361285	0.082232122	0.000102737	0.082334859	0.14456583	0.000160976	0.144726806	4.263190121
578865.014141176.41	578865.01	4141176.4	4.438846161	0.001104789	4.439951	0.097892455	0.000116989	0.098009444	0.167107269	0.000183307	0.167290576	4.70525097
578885.014141176.41	578885.01	4141176.4	4.760514691	0.001255896	4.7617706	0.116978781	0.00013299	0.117111771	0.19178896	0.000208379	0.191997339	5.070879698
578905.014141176.41	578905.01	4141176.4	4.968201583	0.001413862	4.9696154	0.139856113	0.000149718	0.140005831	0.217482507	0.000234588	0.217717096	5.327338372
578925.014141176.41	578925.01	4141176.4	5.054264952	0.001576399	5.0558414	0.167239723	0.000166929	0.167406653	0.243209739	0.000261557	0.243471296	5.4667193
578945.014141176.41	578945.01	4141176.4	5.022296556	0.001737781	5.0240343	0.199660043	0.000184018	0.199844061	0.267600666	0.000288333	0.267888999	5.491767397
578965.014141176.41	578965.01	4141176.4	4.869766016	0.001885902	4.8716519	0.235852085	0.000199703	0.236051789	0.28807596	0.00031291	0.288388869	5.396092575
578985.014141176.41	578985.01	4141176.4	4.624408703	0.002021059	4.6264298	0.275320594	0.000214015	0.275534609	0.303476833	0.000335335	0.303812168	5.205776539
579005.014141176.41	579005.01	4141176.4	4.306699701	0.00213997	4.3088397	0.316037337	0.000226607	0.316263945	0.312380846	0.000355065	0.31273591	4.937839525
579025.014141176.41	579025.01	4141176.4	3.957838774	0.002257321	3.9600961	0.357404832	0.000239034	0.357643866	0.315097114	0.000374536	0.315471649	4.63321161
579045.014141176.41	579045.01	4141176.4	3.596418319	0.002378249	3.5987966	0.396400206	0.000251839	0.396652045	0.311467349	0.0003946	0.311861949	4.307310563
579065.014141176.41	579065.01	4141176.4	3.234042703	0.002501383	3.2365441	0.429201089	0.000264878	0.429465968	0.301809532	0.00041503	0.302224563	3.968234616
579085.014141176.41	579085.01	4141176.4	2.87714351	0.002624167	2.8797677	0.451878166	0.00027788	0.452156046	0.286814085	0.000435403	0.287249487	3.619173211
579105.014141176.41	579105.01	4141176.4	2.540804736	0.002753918	2.5435587	0.462883695	0.00029162	0.463175314	0.268202696	0.000456931	0.268659627	3.275393596
579125.014141176.41	579125.01	4141176.4	2.231397728	0.00289241	2.2342901	0.461316066	0.000306285	0.461622351	0.247412697	0.00047991	0.247892606	2.943805096
579145.014141176.41	579145.01	4141176.4	1.951750357	0.003039267	1.9547896	0.447649831	0.000321836	0.447971667	0.225671929	0.000504276	0.226176206	2.628937497
579165.014141176.41	579165.01	4141176.4	1.700909354	0.003190078	1.7040994	0.423364491	0.000337806	0.423702297	0.203786241	0.000529299	0.20431554	2.332117268
579185.014141176.41	579185.01	4141176.4	1.487076676	0.003361626	1.4904383	0.392715891	0.000355972	0.393071863	0.183380287	0.000557762	0.183938049	2.067448214
579205.014141176.41	579205.01	4141176.4	1.299815424	0.003536671	1.3033521	0.357206941	0.000374508	0.357581449	0.16410184	0.000586806	0.164688645	1.825622189
579225.014141176.41	579225.01	4141176.4	1.140095023	0.003723309	1.1438183	0.320349525	0.000394271	0.320743796	0.14660386	0.000617773	0.147221633	1.611783762
578385.014141196.41	578385.01	4141196.4	0.075277554	0.000121063	0.0753986	0.003693018	1.28197E-05	0.003705837	0.005502629	2.00868E-05	0.005522716	0.08462717
578405.014141196.41	578405.01	4141196.4	0.085138399	0.000126953	0.0852654	0.003993846	1.34434E-05	0.004007289	0.006103164	2.10641E-05	0.006124228	0.09539687
578425.014141196.41	578425.01	4141196.4	0.097272736	0.000134242	0.097407	0.004347841	1.42153E-05	0.004362057	0.006816669	2.22735E-05	0.006838942	0.108607977
578445.014141196.41	578445.01	4141196.4	0.11356764	0.000141773	0.1137094	0.004750073	1.50128E-05	0.004765086	0.007643483	2.35231E-05	0.007667006	0.126141505
578465.014141196.41	578465.01	4141196.4	0.13182267	0.000154307	0.131977	0.005215808	1.634E-05	0.005232148	0.008622178	2.56027E-05	0.00864778	0.145856906
578485.014141196.41	578485.01	4141196.4	0.154330125	0.000164985	0.1544951	0.005774644	1.74708E-05	0.005792115	0.009786265	2.73745E-05	0.00981364	0.170100865
578505.014141196.41	578505.01	4141196.4	0.181994151	0.000175906	0.1821701	0.006408541	1.86271E-05	0.006427168	0.011184798	2.91863E-05	0.011213985	0.199811209
578525.014141196.41	578525.01	4141196.4	0.216815172	0.000189542	0.2170047	0.007161415	2.00712E-05	0.007181486	0.01283692	3.14489E-05	0.012868369	0.237054569
578545.014141196.41	578545.01	4141196.4	0.260022766	0.000204685	0.2602275	0.008174306	2.16747E-05	0.00819598	0.015022292	3.39615E-05	0.015056254	0.283479686
578565.014141196.41	578565.01	4141196.4	0.313101813	0.000233519	0.3133353	0.00923294	2.47279E-05	0.009257668	0.017335039	3.87455E-05	0.017373784	0.339966784
578585.014141196.41	578585.01	4141196.4	0.378523955	0.000251002	0.378775	0.010481767	2.65793E-05	0.010508346	0.020043901	4.16463E-05	0.020085547	0.40936885
578605.014141196.41	578605.01	4141196.4	0.458461462	0.000257887	0.4587193	0.011946834	2.73084E-05	0.011974143	0.023182311	4.27888E-05	0.023225099	0.493918591
578625.014141196.41	578625.01	4141196.4	0.556792594	0.000275182	0.5570678	0.013699514	2.91398E-05	0.013728654	0.026556087	4.56583E-05	0.026601746	0.597398176
578645.014141196.41	578645.01	4141196.4	0.68495899	0.000310632	0.6852696	0.015869753	3.28937E-05	0.015902646	0.031343137	5.15402E-05	0.031394677	0.732566946
578665.014141196.41	578665.01	4141196.4	0.847771371	0.000352457	0.8481238	0.018540491	3.73226E-05	0.018577813	0.036727118	5.84798E-05	0.036785598	0.90348724
578685.014141196.41	578685.01	4141196.4	1.046325706	0.000388257	1.046714	0.021683217	4.11135E-05	0.021724331	0.042933554	6.44197E-05	0.042997974	1.111436267
578705.014141196.41	578705.01	4141196.4	1.293219094	0.000429247	1.2936483	0.025469505	4.54542E-05	0.025514959	0.050267321	7.12209E-05	0.050338542	1.369501842
578725.014141196.41	578725.01	4141196.4	1.597923225	0.00047742	1.5984006	0.030036095	5.05553E-05	0.03008665	0.058960906	7.92136E-05	0.059040119	1.687527414
578745.014141196.41	578745.01	4141196.4	1.969742906	0.00053549	1.9702784	0.035566889	5.67045E-05	0.035623593	0.069331291	8.88487E-05	0.069420139	2.075322129
578765.014141196.41	578765.01	4141196.4	2.412908831	0.000605395	2.4135142	0.042279862	6.41069E-05	0.042343969	0.081732537	0.000100447	0.081832985	2.53769118
578785.014141196.41	578785.01	4141196.4	2.908662173	0.000685144	2.9093473	0.050224168	7.25518E-05	0.05029672	0.096134	0.000113679	0.096247679	3.055891717
578805.014141196.41	578805.01	4141196.4	3.453873084	0.000783506	3.4546566	0.059917122	8.29676E-05	0.06000009	0.113263832	0.00013	0.113393831	3.628050511
578825.014141196.41	578825.01	4141196.4	4.01174365	0.000899405	4.0126431	0.071644405	9.52404E-05	0.071739645	0.133201845	0.00014923	0.133351074	4.217733774
578845.014141196.41	578845.01	4141196.4	4.550070696	0.001038973	4.5511097	0.086094046	0.00011002	0.086204066	0.156384993	0.000172387	0.15655738	4.793871115
578865.014141196.41	578865.01	4141196.4	5.017170247	0.001197315	5.0183676	0.103793689	0.000126787	0.103920476	0.182482714	0.000198659	0.182681373	5.30496941
578885.014141196.41	578885.01	4141196.4	5.354267094	0.001363107	5.3556302	0.12480509	0.000144343	0.124949433	0.210096074	0.000226167	0.210322241	5.690901875
578905.014141196.41	578905.01	4141196.4	5.556399786	0.001538663	5.5579384	0.150461531	0.000162933	0.150624464	0.239135199	0.000255296	0.239390494	5.947953407
578925.014141196.41	578925.01	4141196.4	5.613928496	0.00171828	5.6156468	0.181551737	0.000181953	0.18173369	0.268196603	0.000285098	0.268481701	6.065862167
578945.014141196.41	578945.01	4141196.4	5.528813169	0.001891227	5.5307044	0.218294256	0.000200267	0.218494523	0.295173765	0.000313793	0.295487858	6.044686478
578965.014141196.41	578965.01	4141196.4	5.316645696	0.002051479	5.3186972	0.260164383	0.000217237	0.26038162	0.317772173	0.000340382	0.318112555	5.89719135
578985.014141196.41	578985.01	4141196.4	4.990163561	0.002184995	4.9923486	0.304581138	0.000231375	0.304812513	0.333290776	0.000362535	0.333653311	5.63081438
579005.014141196.41	579005.01	4141196.4	4.609352984	0.002312944	4.6116659	0.352141278	0.000244924	0.352386202	0.342053797	0.000383764	0.342437561	5.306489691
579025.014141196.41	579025.01	4141196.4	4.204886975	0.002441027	4.207328	0.400521655	0.000258487	0.400780142	0.343548089	0.000405016	0.343953105	4.952061249
579045.014141196.41	579045.01	4141196.4	3.783238288	0.002564914	3.7858032	0.444265616	0.000271606	0.444537221	0.337016027	0.000425571	0.337441598	4.567782022
579065.014141196.41	579065.01	4141196.4	3.373994719	0.002696251	3.376691	0.480678597	0.000285513	0.480964111	0.324096937	0.000447363	0.3245443	4.18219938
579085.014141196.41	579085.01	4141196.4	2.96906	0.00282108	2.9718811	0.503314343	0.000298732	0.503613075	0.304953809	0.000468075	0.305421883	3.780916038
579105.014141196.41	579105.01	4141196.4	2.593573299	0.002954999	2.5965283	0.511666561	0.000312913	0.511979473	0.282220649	0.000490295	0.282710943	3.391218715
579125.014141196.41	579125.01	4141196.4	2.256058556	0.003102824	2.2591614	0.505407342	0.000328566	0.505735909	0.257820489	0.000514822	0.258335311	3.0232326
579145.014141196.41	579145.01	4141196.4	1.961063902	0.003270526	1.9643344	0.486096171	0.000346325	0.486442496	0.233443182	0.000542647	0.233985829	2.684762753
579165.014141196.41	579165.01	4141196.4	1.699870743	0.003444307	1.7033151	0.455108781	0.000364727	0.455473508	0.209400998	0.000571481	0.209972479	2.368761038
579185.014141196.41	579185.01	4141196.4	1.472844956	0.003624785	1.4764697	0.416214079	0.000383838	0.416597918	0.186569631	0.000601426	0.187171057	2.080238715
579205.014141196.41	579205.01	4141196.4	1.281019502	0.003820595	1.2848401	0.373947968	0.000404573	0.374352541	0.165825861	0.000633914	0.166459776	1.825652413
579225.014141196.41	579225.01	4141196.4	1.120221578	0.004033994	1.1242556	0.33167893	0.000427171	0.332106101	0.147374094	0.000669322	0.148043415	1.604405089
579245.014141196.41	579245.01	4141196.4	0.986192471	0.004269746	0.9904622	0.291927214	0.000452135	0.292379349	0.131221703	0.000708438	0.13193014	1.414771705
578385.014141216.41	578385.01	4141216.4	0.074100826	0.000123753	0.0742246	0.003664664	1.31045E-05	0.003677768	0.00541413	2.05331E-05	0.005434663	0.08333701
578405.014141216.41	578405.01	4141216.4	0.083716346	0.000129724	0.0838461	0.003955314	1.37368E-05	0.003969051	0.006005735	2.15238E-05	0.006027259	0.09384238
578425.014141216.41	578425.01	4141216.4	0.095403802	0.000136555	0.0955404	0.004290818	1.44602E-05	0.004305278	0.006700166	2.26573E-05	0.006722823	0.106568458
578445.014141216.41	578445.01	4141216.4	0.111353443	0.00014414	0.1114976	0.004679331	1.52634E-05	0.004694595	0.007516609	2.39158E-05	0.007540525	0.123732703
578465.014141216.41	578465.01	4141216.4	0.129461129	0.000157185	0.1296183	0.005133813	1.66448E-05	0.005150458	0.008488464	2.60803E-05	0.008514545	0.143283318
578485.014141216.41	578485.01	4141216.4	0.151657878	0.000167998	0.1518259	0.005676022	1.77898E-05	0.005693812	0.009641305	2.78743E-05	0.00966918	0.167188867
578505.014141216.41	578505.01	4141216.4	0.179038495	0.000178622	0.1792171	0.006286022	1.89148E-05	0.006304937	0.011022515	2.96371E-05	0.011052152	0.196574205
578525.014141216.41	578525.01	4141216.4	0.214947652	0.000193442	0.2151411	0.007149273	2.04841E-05	0.007169757	0.012703936	3.2096E-05	0.012736032	0.235046883
578545.014141216.41	578545.01	4141216.4	0.258726832	0.00022042	0.2589473	0.008026342	2.33409E-05	0.008049683	0.014920586	3.65722E-05	0.014957158	0.281954093
578565.014141216.41	578565.01	4141216.4	0.313613214	0.00023871	0.3138519	0.009065853	2.52776E-05	0.009091131	0.017286989	3.96068E-05	0.017326596	0.340269651
578585.014141216.41	578585.01	4141216.4	0.382326367	0.000258022	0.3825844	0.010300647	2.73226E-05	0.010327969	0.02008952	4.28111E-05	0.020132331	0.413044689
578605.014141216.41	578605.01	4141216.4	0.467002602	0.000276984	0.4672796	0.011750131	2.93306E-05	0.011779462	0.023349602	4.59573E-05	0.02339556	0.502454608
578625.014141216.41	578625.01	4141216.4	0.575130852	0.00030068	0.5754315	0.013520988	3.18398E-05	0.013552827	0.027271087	4.9889E-05	0.027320976	0.616305335
578645.014141216.41	578645.01	4141216.4	0.715546863	0.000331665	0.7158785	0.015724195	3.5121E-05	0.015759316	0.032048052	5.50301E-05	0.032103082	0.763740927
578665.014141216.41	578665.01	4141216.4	0.890426191	0.000364453	0.8907906	0.018349133	3.85929E-05	0.018387726	0.037631477	6.04701E-05	0.037691947	0.946870318
578685.014141216.41	578685.01	4141216.4	1.113298634	0.000403453	1.1137021	0.021563203	4.27228E-05	0.021605925	0.044316094	6.69411E-05	0.044383035	1.179691047
578705.014141216.41	578705.01	4141216.4	1.389620165	0.000445708	1.3900659	0.025409581	4.71973E-05	0.025456779	0.052148363	7.39521E-05	0.052222315	1.467744967
578725.014141216.41	578725.01	4141216.4	1.735445978	0.00049649	1.7359425	0.030097773	5.25746E-05	0.030150348	0.06151249	8.23777E-05	0.061594868	1.827687683
578745.014141216.41	578745.01	4141216.4	2.164404973	0.000559294	2.1649643	0.035860705	5.92251E-05	0.03591993	0.072815122	9.27982E-05	0.07290792	2.273792117
578765.014141216.41	578765.01	4141216.4	2.682542526	0.000636434	2.683179	0.042950584	6.73937E-05	0.043017978	0.086478401	0.000105597	0.086583998	2.812780936
578785.014141216.41	578785.01	4141216.4	3.273449403	0.000727561	3.274177	0.051534655	7.70434E-05	0.051611699	0.102675743	0.000120717	0.10279646	3.428585122
578805.014141216.41	578805.01	4141216.4	3.908320549	0.000834745	3.9091553	0.061872493	8.83934E-05	0.061960887	0.121632924	0.000138501	0.121771425	4.092887606
578825.014141216.41	578825.01	4141216.4	4.55852763	0.000964657	4.5594923	0.07457826	0.00010215	0.07468041	0.143991803	0.000160056	0.144151859	4.778324556
578845.014141216.41	578845.01	4141216.4	5.17161104	0.001119018	5.1727301	0.090270636	0.000118496	0.090389132	0.169966034	0.000185668	0.170151702	5.433270892
578925.014141216.41	578925.01	4141216.4	6.247485108	0.001877779	6.2493629	0.197371604	0.000198843	0.197570447	0.296725048	0.000311562	0.29703661	6.743969944
578945.014141216.41	578945.01	4141216.4	6.088052672	0.002060382	6.0901131	0.238930324	0.000218179	0.239148504	0.326440488	0.000341859	0.326782348	6.656043905
578965.014141216.41	578965.01	4141216.4	5.80903102	0.00223618	5.8112672	0.288219494	0.000236795	0.28845629	0.351823271	0.000371028	0.352194298	6.451917788
578985.014141216.41	578985.01	4141216.4	5.409172087	0.002383575	5.4115557	0.340978448	0.000252403	0.341230851	0.368587264	0.000395484	0.368982747	6.121769261
579005.014141216.41	579005.01	4141216.4	4.946228718	0.002515692	4.9487444	0.396192091	0.000266393	0.396458484	0.376375935	0.000417405	0.37679334	5.721996234
579025.014141216.41	579025.01	4141216.4	4.454923719	0.002638504	4.4575622	0.450391197	0.000279398	0.450670595	0.374753437	0.000437781	0.375191218	5.283424036
579045.014141216.41	579045.01	4141216.4	3.968316314	0.002765242	3.9710816	0.499891624	0.000292819	0.500184443	0.364635102	0.00045881	0.365093912	4.83635991
579065.014141216.41	579065.01	4141216.4	3.502828338	0.002901501	3.5057298	0.539577367	0.000307248	0.539884615	0.347362621	0.000481418	0.347844039	4.393458493
579085.014141216.41	579085.01	4141216.4	3.052936691	0.00303647	3.0559732	0.562520225	0.00032154	0.562841765	0.32373287	0.000503812	0.324236682	3.943051608
579105.014141216.41	579105.01	4141216.4	2.639748953	0.003180476	2.6429294	0.567506179	0.000336789	0.567842968	0.296530714	0.000527706	0.29705842	3.507830816
579125.014141216.41	579125.01	4141216.4	2.278158677	0.003347505	2.2815062	0.555654023	0.000354476	0.5560085	0.268531105	0.000555419	0.269086524	3.106601206
579145.014141216.41	579145.01	4141216.4	1.962042745	0.003529705	1.9655724	0.527968686	0.00037377	0.528342456	0.240752137	0.00058565	0.241337787	2.735252692
579165.014141216.41	579165.01	4141216.4	1.685156084	0.003716208	1.6888723	0.487330634	0.000393519	0.487724153	0.213763072	0.000616595	0.214379666	2.390976112
579185.014141216.41	579185.01	4141216.4	1.452184404	0.003919952	1.4561044	0.439813244	0.000415094	0.440228338	0.189045682	0.0006504	0.189696082	2.086028775
579205.014141216.41	579205.01	4141216.4	1.259353604	0.00414793	1.2635015	0.390473999	0.000439236	0.390913234	0.167132587	0.000688226	0.167820813	1.822235581
579225.014141216.41	579225.01	4141216.4	1.100622837	0.004405037	1.1050279	0.343058431	0.000466461	0.343524892	0.148056897	0.000730885	0.148787782	1.597340548
579245.014141216.41	579245.01	4141216.4	0.96605427	0.004671074	0.9707253	0.298352152	0.000494633	0.298846785	0.131046752	0.000775026	0.131821779	1.401393907
578385.014141236.41	578385.01	4141236.4	0.072802964	0.000125286	0.0729282	0.003638775	1.32668E-05	0.003652042	0.005311305	2.07874E-05	0.005332092	0.081912384
578405.014141236.41	578405.01	4141236.4	0.083812603	0.000136582	0.0839492	0.003930816	1.44631E-05	0.003945279	0.005909295	2.26618E-05	0.005931957	0.093826422
578425.014141236.41	578425.01	4141236.4	0.095224349	0.000142204	0.0953666	0.004251053	1.50583E-05	0.004266112	0.00658598	2.35945E-05	0.006609575	0.10624224
578445.014141236.41	578445.01	4141236.4	0.109339517	0.000151187	0.1094907	0.004624773	1.60096E-05	0.004640783	0.007388973	2.50851E-05	0.007414058	0.121545545
578465.014141236.41	578465.01	4141236.4	0.126870216	0.000160924	0.1270311	0.005060448	1.70407E-05	0.005077489	0.008342629	2.67006E-05	0.00836933	0.140477959
578485.014141236.41	578485.01	4141236.4	0.148645689	0.000170903	0.1488166	0.005583721	1.80974E-05	0.005601819	0.009478487	2.83563E-05	0.009506843	0.163925254
578505.014141236.41	578505.01	4141236.4	0.176949988	0.000184701	0.1771347	0.006202794	1.95585E-05	0.006222353	0.010905267	3.06456E-05	0.010935912	0.194292954
578525.014141236.41	578525.01	4141236.4	0.212658483	0.000212163	0.2128706	0.007041232	2.24665E-05	0.007063698	0.012797559	3.52021E-05	0.012832761	0.232767105
578545.014141236.41	578545.01	4141236.4	0.256169155	0.000224885	0.256394	0.007875756	2.38137E-05	0.007899569	0.014772029	3.7313E-05	0.014809342	0.27910295
578565.014141236.41	578565.01	4141236.4	0.312349273	0.000243686	0.312593	0.008888905	2.58045E-05	0.008914709	0.017174117	4.04324E-05	0.01721455	0.338722218
578585.014141236.41	578585.01	4141236.4	0.384600976	0.000264665	0.3848656	0.010113362	2.80261E-05	0.010141388	0.020079133	4.39134E-05	0.020123046	0.415130076
578605.014141236.41	578605.01	4141236.4	0.474335126	0.000285241	0.4746204	0.011546347	3.0205E-05	0.011576552	0.023469363	4.73274E-05	0.02351669	0.50971361

Max GLC for Chronic Calcs

X UTM	Y UTM
579065	4141476.41
	0.576444475

XY	X	Y	2030	2031	2032	2033	2034	2035	Max		
578385.014141176.41	578385	4141176	0.002003166	0.0002839	0.0007595	0.000435	0.0006835	0.0002356	0.002003166	578385	4141176
578405.014141176.41	578405	4141176	0.002247445	0.0003213	0.0008403	0.0004486	0.0007576	0.0002613	0.002247445	578405	4141176
578425.014141176.41	578425	4141176	0.002543188	0.0003669	0.0009369	0.0004644	0.0008451	0.0002916	0.002543188	578425	4141176
578445.014141176.41	578445	4141176	0.002925754	0.0004316	0.0010623	0.0004829	0.0009498	0.0003278	0.002925754	578445	4141176
578465.014141176.41	578465	4141176	0.003343645	0.0004981	0.001195	0.0005031	0.0010665	0.0003684	0.003343645	578465	4141176
578485.014141176.41	578485	4141176	0.003857826	0.0005809	0.0013563	0.000527	0.0012062	0.0004168	0.003857826	578485	4141176
578505.014141176.41	578505	4141176	0.004531666	0.0006857	0.00156	0.0005557	0.0013757	0.0004755	0.004531666	578505	4141176
578525.014141176.41	578525	4141176	0.005297944	0.0008114	0.001793	0.0005883	0.0015706	0.0005432	0.005297944	578525	4141176
578545.014141176.41	578545	4141176	0.006277625	0.000969	0.0020912	0.0006343	0.0018357	0.0006351	0.006277625	578545	4141176
578565.014141176.41	578565	4141176	0.007403729	0.0011576	0.002427	0.0006799	0.0020704	0.0007166	0.007403729	578565	4141176
578585.014141176.41	578585	4141176	0.008794086	0.0013926	0.0028386	0.0007348	0.0024202	0.0008379	0.008794086	578585	4141176
578605.014141176.41	578605	4141176	0.010484444	0.0016813	0.0033355	0.0007998	0.0027898	0.0009661	0.010484444	578605	4141176
578625.014141176.41	578625	4141176	0.012503444	0.0020302	0.0039258	0.0008756	0.0031719	0.001099	0.012503444	578625	4141176
578645.014141176.41	578645	4141176	0.014901882	0.0024611	0.0046212	0.0009531	0.0036602	0.0012686	0.014901882	578645	4141176
578665.014141176.41	578665	4141176	0.018086439	0.0030087	0.0055444	0.0010774	0.0042474	0.0014725	0.018086439	578665	4141176
578685.014141176.41	578685	4141176	0.022009746	0.0037058	0.0066673	0.0012136	0.0050155	0.0017388	0.022009746	578685	4141176
578705.014141176.41	578705	4141176	0.026723561	0.0045506	0.0079943	0.0013734	0.0058379	0.0020244	0.026723561	578705	4141176
578725.014141176.41	578725	4141176	0.03245335	0.0055825	0.0095688	0.0015636	0.0068024	0.0023593	0.03245335	578725	4141176
578745.014141176.41	578745	4141176	0.039454349	0.0068432	0.0114294	0.0017931	0.0079516	0.0027583	0.039454349	578745	4141176
578765.014141176.41	578765	4141176	0.047585259	0.0082939	0.0134997	0.0020609	0.0092729	0.0032171	0.047585259	578765	4141176
578785.014141176.41	578785	4141176	0.057132189	0.0099641	0.0158122	0.0023836	0.0108394	0.0037611	0.057132189	578785	4141176
578805.014141176.41	578805	4141176	0.067924653	0.0117869	0.0182888	0.0027697	0.0126685	0.0043962	0.067924653	578805	4141176
578825.014141176.41	578825	4141176	0.079882726	0.0136987	0.0208999	0.0032402	0.014817	0.0051421	0.079882726	578825	4141176
578845.014141176.41	578845	4141176	0.092564651	0.0155657	0.0235826	0.0038149	0.017299	0.0060038	0.092564651	578845	4141176
578865.014141176.41	578865	4141176	0.104732726	0.0171435	0.0261613	0.0044874	0.0199812	0.006935	0.104732726	578865	4141176
578885.014141176.41	578885	4141176	0.116305587	0.0183855	0.0288046	0.0053062	0.0229213	0.0079556	0.116305587	578885	4141176
578905.014141176.41	578905	4141176	0.126436699	0.0191608	0.03156	0.0062869	0.0259891	0.0090206	0.126436699	578905	4141176
578925.014141176.41	578925	4141176	0.134700243	0.019437	0.0346022	0.0074596	0.0290737	0.0100913	0.134700243	578925	4141176
578945.014141176.41	578945	4141176	0.140756202	0.0192326	0.0381039	0.0088473	0.0320169	0.0111129	0.140756202	578945	4141176
578965.014141176.41	578965	4141176	0.14381838	0.0185527	0.0419552	0.0103968	0.0345128	0.0119789	0.14381838	578965	4141176
578985.014141176.41	578985	4141176	0.143947296	0.0175216	0.0461787	0.0120886	0.036422	0.012641	0.143947296	578985	4141176
579005.014141176.41	579005	4141176	0.140993464	0.0162359	0.050539	0.0138383	0.037569	0.013038	0.140993464	579005	4141176
579025.014141176.41	579025	4141176	0.135640756	0.0148659	0.0550042	0.0156237	0.0379845	0.0131803	0.135640756	579025	4141176
579045.014141176.41	579045	4141176	0.128114494	0.0134858	0.0591569	0.0173189	0.03764	0.013058	0.128114494	579045	4141176
579065.014141176.41	579065	4141176	0.118745826	0.0121319	0.0624738	0.0187614	0.0365639	0.0126809	0.118745826	579065	4141176
579085.014141176.41	579085	4141176	0.10797538	0.0108148	0.064441	0.0197802	0.0348317	0.0120753	0.10797538	579085	4141176
579105.014141176.41	579105	4141176	0.096691756	0.009579	0.0648978	0.0203041	0.0326472	0.0113121	0.096691756	579105	4141176
579125.014141176.41	579125	4141176	0.085536925	0.0084395	0.0637748	0.0202875	0.0301828	0.0104514	0.085536925	579125	4141176
579145.014141176.41	579145	4141176	0.074973032	0.0074032	0.0611814	0.0197432	0.0275886	0.0095452	0.074973032	579145	4141176
579165.014141176.41	579165	4141176	0.065222312	0.0064663	0.0573416	0.0187295	0.0249643	0.0086285	0.065222312	579165	4141176
579185.014141176.41	579185	4141176	0.056785028	0.0056616	0.052835	0.017428	0.0225104	0.0077707	0.056785028	579185	4141176
579205.014141176.41	579205	4141176	0.049346803	0.0049525	0.0478374	0.0159028	0.0201867	0.0069582	0.049346803	579205	4141176
579225.014141176.41	579225	4141176	0.043000676	0.0043447	0.0427893	0.0143081	0.0180749	0.0062192	0.043000676	579225	4141176
578385.014141196.41	578385	4141196	0.00197414	0.0002791	0.0007497	0.0004333	0.000673	0.0002319	0.00197414	578385	4141196
578405.014141196.41	578405	4141196	0.002212162	0.0003154	0.0008282	0.0004463	0.000746	0.0002572	0.002212162	578405	4141196
578425.014141196.41	578425	4141196	0.00250249	0.0003602	0.0009231	0.0004616	0.0008326	0.0002872	0.00250249	578425	4141196
578445.014141196.41	578445	4141196	0.002856141	0.0004218	0.0010428	0.0004791	0.0009328	0.000322	0.002856141	578445	4141196
578465.014141196.41	578465	4141196	0.003290792	0.0004891	0.0011777	0.0004993	0.0010517	0.0003631	0.003290792	578465	4141196
578485.014141196.41	578485	4141196	0.00380739	0.000573	0.0013458	0.0005229	0.0011928	0.000412	0.00380739	578485	4141196
578505.014141196.41	578505	4141196	0.004437924	0.0006759	0.0015414	0.0005503	0.0013593	0.0004698	0.004437924	578505	4141196
578525.014141196.41	578525	4141196	0.005254804	0.0008047	0.0017803	0.0005829	0.0015589	0.000539	0.005254804	578525	4141196
578545.014141196.41	578545	4141196	0.00624398	0.0009645	0.0020809	0.0006275	0.0018262	0.0006318	0.00624398	578545	4141196
578565.014141196.41	578565	4141196	0.007426506	0.0011632	0.0024333	0.0006733	0.002106	0.0007286	0.007426506	578565	4141196
578585.014141196.41	578585	4141196	0.00886747	0.0014087	0.0028588	0.0007273	0.0024324	0.0008419	0.00886747	578585	4141196
578605.014141196.41	578605	4141196	0.010610595	0.0017095	0.0033693	0.0007907	0.0028094	0.000973	0.010610595	578605	4141196
578625.014141196.41	578625	4141196	0.012696494	0.0020835	0.003994	0.0008665	0.0032101	0.0011122	0.012696494	578625	4141196
578645.014141196.41	578645	4141196	0.015485426	0.0025647	0.0047851	0.0009602	0.0037903	0.0013135	0.015485426	578645	4141196
578665.014141196.41	578665	4141196	0.018944204	0.0031818	0.0057811	0.0010755	0.0044367	0.0015377	0.018944204	578665	4141196
578685.014141196.41	578685	4141196	0.02312934	0.0039366	0.0069734	0.001211	0.0051806	0.001796	0.02312934	578685	4141196
578705.014141196.41	578705	4141196	0.028305802	0.0048788	0.0084242	0.0013742	0.0060586	0.0021009	0.028305802	578705	4141196
578725.014141196.41	578725	4141196	0.034686176	0.0060473	0.0101683	0.0015708	0.0070984	0.002462	0.034686176	578725	4141196
578745.014141196.41	578745	4141196	0.042511733	0.0074813	0.0122319	0.0018089	0.0083373	0.0028922	0.042511733	578745	4141196
578765.014141196.41	578765	4141196	0.051974457	0.0092008	0.0146118	0.0020976	0.0098171	0.003406	0.051974457	578765	4141196
578785.014141196.41	578785	4141196	0.062852396	0.0111353	0.0171939	0.0024392	0.0115335	0.0040021	0.062852396	578785	4141196
578805.014141196.41	578805	4141196	0.075335498	0.013273	0.0199756	0.0028558	0.0135727	0.0047101	0.075335498	578805	4141196
578825.014141196.41	578825	4141196	0.08894965	0.0154671	0.022826	0.0033597	0.0159437	0.0055333	0.08894965	578825	4141196
578845.014141196.41	578845	4141196	0.10334151	0.0175846	0.0257093	0.0039802	0.0186988	0.0064898	0.10334151	578845	4141196
578865.014141196.41	578865	4141196	0.117613808	0.0194131	0.0285651	0.0047398	0.0218003	0.0075665	0.117613808	578865	4141196
578885.014141196.41	578885	4141196	0.130415037	0.0207134	0.0313208	0.0056409	0.0250858	0.0087071	0.130415037	578885	4141196
578905.014141196.41	578905	4141196	0.141557883	0.0214568	0.0342505	0.00674	0.0285499	0.0099097	0.141557883	578905	4141196
578925.014141196.41	578925	4141196	0.150460907	0.0216032	0.0375674	0.0080705	0.0320327	0.0111188	0.150460907	578925	4141196
578945.014141196.41	578945	4141196	0.15655186	0.0211686	0.0414222	0.0096419	0.0352899	0.0122494	0.15655186	578945	4141196
578965.014141196.41	578965	4141196	0.15940472	0.0202325	0.0458516	0.0114328	0.0380504	0.0132074	0.15940472	578965	4141196
578985.014141196.41	578985	4141196	0.158361536	0.0188701	0.0505566	0.013335	0.0399878	0.0138792	0.158361536	578985	4141196
579005.014141196.41	579005	4141196	0.154384781	0.0173337	0.0557187	0.0153773	0.0411362	0.0142765	0.154384781	579005	4141196
579025.014141196.41	579025	4141196	0.147713489	0.0157564	0.0610227	0.0174653	0.0414238	0.0143741	0.147713489	579025	4141196
579045.014141196.41	579045	4141196	0.138196378	0.0141614	0.0656888	0.0193693	0.0407457	0.0141356	0.138196378	579045	4141196
579065.014141196.41	579065	4141196	0.126880899	0.0126478	0.0693648	0.0209761	0.0392884	0.0136256	0.126880899	579065	4141196
579085.014141196.41	579085	4141196	0.113895218	0.0111639	0.0711937	0.0220037	0.0370627	0.0128482	0.113895218	579085	4141196
579105.014141196.41	579105	4141196	0.100618678	0.00979	0.0711787	0.0224245	0.0343832	0.0119126	0.100618678	579105	4141196
579125.014141196.41	579125	4141196	0.087897717	0.0085485	0.0693439	0.0222155	0.0314822	0.0108996	0.087897717	579125	4141196
579145.014141196.41	579145	4141196	0.076340341	0.007454	0.0659563	0.0214347	0.0285671	0.0098813	0.076340341	579145	4141196
579165.014141196.41	579165	4141196	0.065887538	0.0064756	0.0612227	0.0201342	0.0256794	0.0088724	0.065887538	579165	4141196
579185.014141196.41	579185	4141196	0.056710329	0.0056182	0.0556432	0.0184747	0.0229288	0.0079112	0.056710329	579185	4141196
579205.014141196.41	579205	4141196	0.048942441	0.004889	0.049796	0.0166534	0.0204253	0.0070356	0.049795993	579205	4141196
579225.014141196.41	579225	4141196	0.042456335	0.0042749	0.0440849	0.0148194	0.0181966	0.0062554	0.044084927	579225	4141196
579245.014141196.41	579245	4141196	0.037088632	0.0037617	0.0387985	0.0130863	0.0162459	0.0055715	0.03879853	579245	4141196
578385.014141216.41	578385	4141216	0.001948618	0.0002747	0.0007415	0.000432	0.0006625	0.0002282	0.001948618	578385	4141216
578405.014141216.41	578405	4141216	0.002180854	0.0003101	0.000818	0.0004446	0.0007344	0.0002531	0.002180854	578405	4141216
578425.014141216.41	578425	4141216	0.002460344	0.0003531	0.0009092	0.0004592	0.0008187	0.0002823	0.002460344	578425	4141216
578445.014141216.41	578445	4141216	0.002806188	0.0004133	0.0010264	0.000476	0.0009177	0.0003167	0.002806188	578445	4141216
578465.014141216.41	578465	4141216	0.003235768	0.0004802	0.0011606	0.0004957	0.0010358	0.0003575	0.003235768	578465	4141216
578485.014141216.41	578485	4141216	0.003745486	0.0005624	0.0013267	0.0005186	0.0011756	0.000406	0.003745486	578485	4141216
578505.014141216.41	578505	4141216	0.00436626	0.000664	0.0015203	0.000545	0.0013401	0.000463	0.00436626	578505	4141216
578525.014141216.41	578525	4141216	0.005223666	0.000795	0.0017746	0.0005831	0.0015434	0.0005335	0.005223666	578525	4141216
578545.014141216.41	578545	4141216	0.006203492	0.0009579	0.0020704	0.0006211	0.0018152	0.0006276	0.006203492	578545	4141216
578565.014141216.41	578565	4141216	0.007415851	0.0011628	0.0024321	0.0006661	0.0021009	0.0007267	0.007415851	578565	4141216
578585.014141216.41	578585	4141216	0.008916519	0.00142	0.0028753	0.0007196	0.0024388	0.000844	0.008916519	578585	4141216
578605.014141216.41	578605	4141216	0.010745838	0.001738	0.0034106	0.0007823	0.0028312	0.0009803	0.010745838	578605	4141216
578625.014141216.41	578625	4141216	0.013057565	0.0021451	0.0040829	0.0008589	0.0033028	0.001144	0.013057565	578625	4141216
578645.014141216.41	578645	4141216	0.0160277	0.0026753	0.0049424	0.000954	0.0038766	0.0013431	0.0160277	578645	4141216
578665.014141216.41	578665	4141216	0.019689582	0.0033375	0.0059943	0.0010674	0.0045463	0.0015757	0.019689582	578665	4141216
578685.014141216.41	578685	4141216	0.02431427	0.0041843	0.0073099	0.001206	0.0053473	0.0018538	0.02431427	578685	4141216
578705.014141216.41	578705	4141216	0.030011894	0.0052387	0.0089035	0.0013718	0.0062846	0.0021793	0.030011894	578705	4141216
578725.014141216.41	578725	4141216	0.037126206	0.0065654	0.0108419	0.0015737	0.0074041	0.002568	0.037126206	578725	4141216
578745.014141216.41	578745	4141216	0.045990613	0.0082216	0.0131659	0.0018217	0.0087537	0.0030367	0.045990613	578745	4141216
578765.014141216.41	578765	4141216	0.056857167	0.0102356	0.0158683	0.0021266	0.0103831	0.0036025	0.056857167	578765	4141216
578785.014141216.41	578785	4141216	0.069614777	0.0125472	0.018838	0.0024956	0.012312	0.0042722	0.069614777	578785	4141216
578805.014141216.41	578805	4141216	0.083980419	0.0150437	0.0219378	0.0029397	0.0145666	0.0050551	0.083980419	578805	4141216
578825.014141216.41	578825	4141216	0.099758599	0.017609	0.0250922	0.0034854	0.0172225	0.0059772	0.099758599	578825	4141216
578845.014141216.41	578845	4141216	0.116238673	0.0200281	0.0281926	0.004159	0.0203053	0.0070475	0.116238673	578845	4141216
578925.014141216.41	578925	4141216	0.168607159	0.0240552	0.0407948	0.0087453	0.0354063	0.0122902	0.168607159	578925	4141216
578945.014141216.41	578945	4141216	0.174490797	0.0233	0.0450184	0.0105211	0.0389968	0.0135367	0.174490797	578945	4141216
578965.014141216.41	578965	4141216	0.177282553	0.022071	0.0502595	0.0126269	0.042105	0.0146154	0.177282553	578965	4141216
578985.014141216.41	578985	4141216	0.175577714	0.0204024	0.0559405	0.014884	0.0442123	0.0153462	0.175577714	578985	4141216
579005.014141216.41	579005	4141216	0.170030766	0.018545	0.061993	0.0172536	0.0452666	0.0157106	0.170030766	579005	4141216
579025.014141216.41	579025	4141216	0.160918439	0.0166469	0.0679333	0.0195931	0.0452009	0.0156853	0.160918439	579025	4141216
579045.014141216.41	579045	4141216	0.149026029	0.0148277	0.0732399	0.0217508	0.0441095	0.0153028	0.149026029	579045	4141216
579065.014141216.41	579065	4141216	0.135176291	0.0131255	0.077205	0.0235097	0.0421398	0.0146143	0.135176291	579065	4141216
579085.014141216.41	579085	4141216	0.119819013	0.0114904	0.0789244	0.0245652	0.0393794	0.0136505	0.119819013	579085	4141216
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579185.014141216.41	579185	4141216	0.05630902	0.0055515	0.0584247	0.0195308	0.0232634	0.0080218	0.058424682	579185	4141216
579205.014141216.41	579205	4141216	0.048367155	0.0048151	0.0517063	0.0173978	0.0206161	0.0070956	0.051706283	579205	4141216
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579245.014141216.41	579245	4141216	0.036431733	0.0036895	0.0394984	0.0133807	0.0162558	0.005567	0.039498403	579245	4141216
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578445.014141236.41	578445	4141236	0.002773197	0.0004053	0.001012	0.0004737	0.0009028	0.0003113	0.002773197	578445	4141236
578465.014141236.41	578465	4141236	0.003178519	0.0004703	0.0011427	0.0004925	0.0010185	0.0003514	0.003178519	578465	4141236
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578525.014141236.41	578525	4141236	0.0051702	0.0007851	0.0017608	0.0005785	0.0015593	0.0005387	0.0051702	578525	4141236
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578605.014141236.41	578605	4141236	0.010854899	0.0017613	0.0034497	0.0007735	0.0028468	0.0009855	0.010854899	578605	4141236



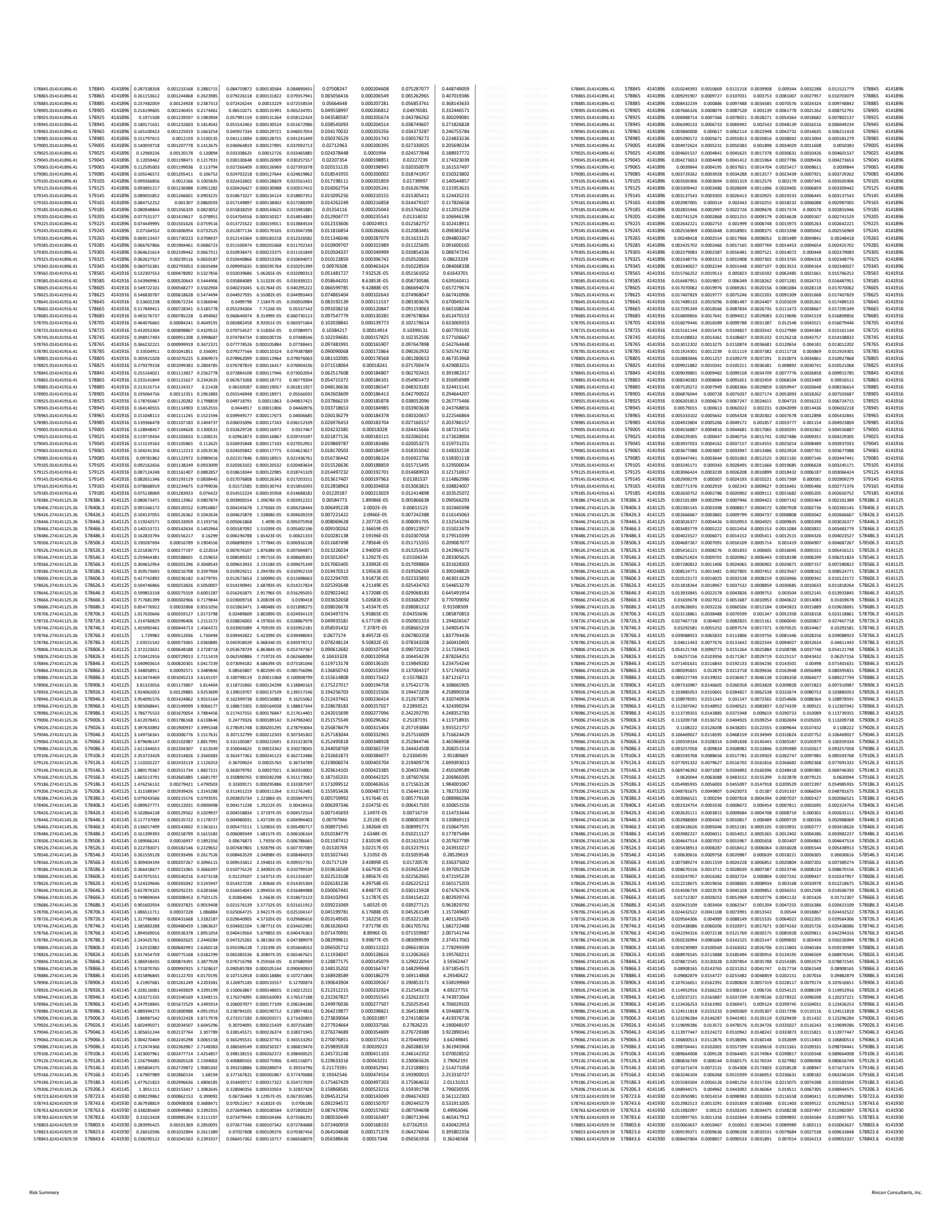
Rincon Consultants, Inc.

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578685.014141316.41	578685.01	4141316.4	1.483551396	0.000474999	1.4840264	0.019858745	5.02989E-05	0.019909044	0.049983114	7.8812E-05	0.050061926	1.553997365
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579025.014141316.41	579025.01	4141316.4	5.83790731	0.003976301	5.8418836	0.895553128	0.000421061	0.89597419	0.589401245	0.000659749	0.590060994	7.327918794
579045.014141316.41	579045.01	4141316.4	4.902277618	0.00413701	4.9064146	0.992855548	0.000438079	0.993293627	0.5397819	0.000686414	0.540468314	6.440176569
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579245.014141316.41	579245.01	4141316.4	0.849928915	0.008029419	0.8579583	0.300015322	0.000850257	0.300865579	0.121877181	0.001332244	0.123209425	1.282033339
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578385.014141356.41	578385.01	4141356.4	0.073536994	0.000147449	0.0736844	0.003908962	1.56137E-05	0.003924576	0.004921183	2.44647E-05	0.004945648	0.082554667
578405.014141356.41	578405.01	4141356.4	0.081443257	0.000155572	0.0815988	0.004155262	1.64739E-05	0.004171736	0.005413156	2.58125E-05	0.005438968	0.091209533
578425.014141356.41	578425.01	4141356.4	0.091172156	0.00016477	0.0913369	0.004485529	1.7448E-05	0.004502977	0.005998911	2.73388E-05	0.00602625	0.101866153
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578585.014141356.41	578585.01	4141356.4	0.354963339	0.000302778	0.3552661	0.00916919	3.2062E-05	0.009201252	0.018621758	5.02371E-05	0.018671995	0.383139364
578605.014141356.41	578605.01	4141356.4	0.460290196	0.000331208	0.4606214	0.010374623	3.50725E-05	0.010409695	0.022406485	5.49542E-05	0.022461439	0.493492538
578625.014141356.41	578625.01	4141356.4	0.611220502	0.000363915	0.6115844	0.011853605	3.85359E-05	0.011892141	0.027219721	6.03809E-05	0.027280102	0.65075666
578645.014141356.41	578645.01	4141356.4	0.830839338	0.000402781	0.8312421	0.013691198	4.26516E-05	0.01373385	0.033366264	6.68295E-05	0.033433094	0.878409062
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579085.014141356.41	579085.01	4141356.4	3.288251744	0.005547912	3.2937997	1.391658337	0.000587483	1.39224582	0.452026369	0.000920512	0.452946881	5.138992357
579105.014141356.41	579105.01	4141356.4	2.593009586	0.005918955	2.5989285	1.259542295	0.000626774	1.260169069	0.376650194	0.000982075	0.377632269	4.236729879
579125.014141356.41	579125.01	4141356.4	2.081662062	0.006350139	2.0880122	1.077687328	0.000672433	1.078359762	0.312863553	0.001053617	0.31391717	3.480289133
579145.014141356.41	579145.01	4141356.4	1.704457162	0.006841841	1.711299	0.883522272	0.000724501	0.884246773	0.260226656	0.001135201	0.261361857	2.856907633
579165.014141356.41	579165.01	4141356.4	1.42129965	0.007393496	1.4286931	0.704306696	0.000782917	0.705089613	0.217253562	0.001226732	0.218480294	2.352263053
579185.014141356.41	579185.01	4141356.4	1.208324073	0.008049565	1.2163736	0.556637817	0.00085239	0.557490207	0.183063413	0.001335587	0.184399	1.958262845
579205.014141356.41	579205.01	4141356.4	1.043137569	0.008819111	1.0519567	0.440544227	0.00093388	0.441478106	0.155582221	0.00146327	0.157045491	1.650480277
579225.014141356.41	579225.01	4141356.4	0.912731158	0.009737532	0.9224687	0.352144009	0.001031134	0.353175143	0.133497127	0.001615655	0.135112782	1.410756615
579245.014141356.41	579245.01	4141356.4	0.806854348	0.010810906	0.8176653	0.284753745	0.001144796	0.285898541	0.115475294	0.00179375	0.117269044	1.220832839
579265.014141356.41	579265.01	4141356.4	0.719653388	0.012085926	0.7317393	0.233638657	0.001279811	0.234918469	0.100771939	0.002005301	0.102777241	1.069435024
579285.014141356.41	579285.01	4141356.4	0.646256371	0.013543441	0.6597998	0.19385875	0.001434152	0.195292901	0.088495781	0.002247133	0.090742913	0.945835627
579305.014141356.41	579305.01	4141356.4	0.583874991	0.015273234	0.5991482	0.163109942	0.001617324	0.164727266	0.078320645	0.002534141	0.080854786	0.844730277
578385.014141376.41	578385.01	4141376.4	0.074980823	0.000150892	0.0751317	0.004028768	1.59783E-05	0.004044747	0.004922998	2.5036E-05	0.004948034	0.084124495
578405.014141376.41	578405.01	4141376.4	0.082958992	0.00017171	0.0831307	0.004288915	1.81828E-05	0.004307098	0.005515998	2.84901E-05	0.005544488	0.092982288
578425.014141376.41	578425.01	4141376.4	0.092332092	0.000181258	0.0925133	0.0045771	1.91939E-05	0.004596294	0.006084543	3.00744E-05	0.006114617	0.103224261
578445.014141376.41	578445.01	4141376.4	0.103780524	0.000192743	0.1039733	0.004905207	2.04101E-05	0.004925617	0.006765717	3.198E-05	0.006797697	0.115696581
578465.014141376.41	578465.01	4141376.4	0.117482615	0.000203609	0.1176862	0.005268907	2.15608E-05	0.005290468	0.007564691	3.37829E-05	0.007598474	0.130575166
578485.014141376.41	578485.01	4141376.4	0.13428083	0.000210818	0.1344916	0.00567822	2.23241E-05	0.005700544	0.008516079	3.4979E-05	0.008551058	0.148743249
578505.014141376.41	578505.01	4141376.4	0.156748606	0.000230829	0.1569794	0.006177999	2.44431E-05	0.006202442	0.009730647	3.82992E-05	0.009768947	0.172950824
578525.014141376.41	578525.01	4141376.4	0.187149356	0.000252562	0.1874019	0.006785504	2.67444E-05	0.006812248	0.011284887	4.19051E-05	0.011326793	0.205540958
578545.014141376.41	578545.01	4141376.4	0.222437646	0.000264692	0.2227023	0.007399458	2.8029E-05	0.007427487	0.013000666	4.39178E-05	0.013044584	0.243174409
578565.014141376.41	578565.01	4141376.4	0.274861667	0.000287904	0.2751496	0.008209297	3.0487E-05	0.008239784	0.015340607	4.77692E-05	0.015388376	0.298777731
578585.014141376.41	578585.01	4141376.4	0.347457694	0.000313483	0.3477712	0.00916985	3.31956E-05	0.009203046	0.018287078	5.20132E-05	0.018339092	0.375313315
578605.014141376.41	578605.01	4141376.4	0.450622027	0.000342263	0.4509643	0.010325499	3.62431E-05	0.010361742	0.02203014	5.67884E-05	0.022086929	0.483412961
578625.014141376.41	578625.01	4141376.4	0.601377332	0.000375507	0.6017528	0.011737122	3.97635E-05	0.011776885	0.0268344	6.23043E-05	0.026896704	0.640426429
578645.014141376.41	578645.01	4141376.4	0.827554979	0.000415906	0.8279709	0.013497178	4.40415E-05	0.01354122	0.033065375	6.90074E-05	0.033134382	0.874646487
578665.014141376.41	578665.01	4141376.4	1.176767722	0.000465962	1.1772337	0.015747152	4.93419E-05	0.015796494	0.041259133	7.73125E-05	0.041336446	1.234366623
578685.014141376.41	578685.01	4141376.4	1.721048257	0.000530729	1.721579	0.018642087	5.62004E-05	0.018698287	0.052002028	8.80588E-05	0.052090086	1.79236736
579005.014141376.41	579005.01	4141376.4	8.552461414	0.005081225	8.5575426	1.298751726	0.000538065	1.299289791	0.866751726	0.000843079	0.867594805	10.72442723
579025.014141376.41	579025.01	4141376.4	7.04971318	0.005242794	7.054956	1.523063116	0.000555174	1.52361829	0.774880768	0.000869886	0.775750654	9.354324919
579045.014141376.41	579045.01	4141376.4	5.539935573	0.005477281	5.5454129	1.673960508	0.000580004	1.674540512	0.667532988	0.000908793	0.66844178	7.888395147
579065.014141376.41	579065.01	4141376.4	4.225757164	0.005792351	4.2315495	1.710324372	0.000613368	1.710937739	0.560493904	0.000961069	0.561454973	6.503942228
579085.014141376.41	579085.01	4141376.4	3.226245767	0.006178591	3.2324244	1.615610844	0.000654268	1.616265112	0.463003437	0.001025154	0.464028591	5.312718061
579105.014141376.41	579105.01	4141376.4	2.504948844	0.006616983	2.5115658	1.414038266	0.00070069	1.414738956	0.378705504	0.001097892	0.379803397	4.30610818
579125.014141376.41	579125.01	4141376.4	1.997917734	0.007130955	2.0050487	1.164798185	0.000755116	1.165553301	0.310017766	0.001183171	0.311200937	3.481802928
579145.014141376.41	579145.01	4141376.4	1.635451418	0.007733284	1.6431847	0.92126186	0.000818898	0.922080758	0.25537595	0.001283109	0.256659059	2.82192452
579165.014141376.41	579165.01	4141376.4	1.369257605	0.008443416	1.377701	0.714442127	0.000894096	0.715336223	0.212279651	0.001400935	0.213680586	2.30671783
579185.014141376.41	579185.01	4141376.4	1.167443843	0.009279317	1.1767232	0.552082901	0.000982612	0.553065513	0.178142975	0.001539628	0.179682603	1.909471277
579205.014141376.41	579205.01	4141376.4	1.010366326	0.010269929	1.0206363	0.429954594	0.001087511	0.431042104	0.150981372	0.00170399	0.152685362	1.604363722
579225.014141376.41	579225.01	4141376.4	0.885767345	0.011466975	0.8972343	0.340055574	0.001214269	0.341269843	0.129336634	0.001902605	0.131239239	1.369743402
579245.014141376.41	579245.01	4141376.4	0.784487008	0.012905528	0.7973925	0.273583933	0.001366601	0.274950534	0.111892582	0.00214129	0.114033872	1.186376942
579265.014141376.41	579265.01	4141376.4	0.699959627	0.014575071	0.7145347	0.223345752	0.001543394	0.224889146	0.09754538	0.002418301	0.099963681	1.039387525
579285.014141376.41	579285.01	4141376.4	0.629460293	0.016631714	0.646092	0.185718348	0.001761177	0.187479525	0.085883045	0.00275954	0.088642585	0.922214118
579305.014141376.41	579305.01	4141376.4	0.569553601	0.019204347	0.5887579	0.156853543	0.0020336	0.158887143	0.076245745	0.003186392	0.079432138	0.82707723
578385.014141396.41	578385.01	4141396.4	0.076733421	0.000165927	0.0768993	0.004128653	1.75704E-05	0.004146224	0.00505057	2.75306E-05	0.005078101	0.086123673
578405.014141396.41	578405.01	4141396.4	0.084502771	0.000174641	0.0846774	0.004386334	1.84933E-05	0.004404828	0.005512449	2.89766E-05	0.005541426	0.094623666
578425.014141396.41	578425.01	4141396.4	0.093590996	0.000178057	0.0937691	0.004669904	1.8855E-05	0.004688759	0.006050138	2.95433E-05	0.006079681	0.104537493
578445.014141396.41	578445.01	4141396.4	0.104774825	0.000194895	0.1049697	0.004998011	2.06379E-05	0.005018649	0.006701672	3.2337E-05	0.006734009	0.116722377
578465.014141396.41	578465.01	4141396.4	0.118846169	0.000208908	0.1190551	0.005380676	2.21218E-05	0.005402798	0.007503303	3.46621E-05	0.007537965	0.13199584
578485.014141396.41	578485.01	4141396.4	0.135735176	0.000222706	0.1359579	0.00580279	2.3583E-05	0.005826373	0.008445	3.69515E-05	0.008481952	0.150266207
578505.014141396.41	578505.01	4141396.4	0.156292265	0.000235509	0.1565278	0.006270517	2.49387E-05	0.006295456	0.009560698	3.90758E-05	0.009599774	0.172423004
578525.014141396.41	578525.01	4141396.4	0.185202018	0.000257322	0.1854593	0.006865694	2.72486E-05	0.006892943	0.011048365	4.2695E-05	0.01109106	0.203443344
578545.014141396.41	578545.01	4141396.4	0.21965628	0.000271847	0.2199281	0.007485053	2.87866E-05	0.00751384	0.012740435	4.51049E-05	0.01278554	0.240227506
578565.014141396.41	578565.01	4141396.4	0.268327658	0.000293418	0.2686211	0.008251744	3.10708E-05	0.008282815	0.014957002	4.8684E-05	0.015005686	0.291909578
578585.014141396.41	578585.01	4141396.4	0.337171456	0.000319777	0.3374912	0.009178855	3.38621E-05	0.009212717	0.017812478	5.30575E-05	0.017865536	0.364569486
578605.014141396.41	578605.01	4141396.4	0.437265604	0.000350628	0.4376162	0.010304917	3.71289E-05	0.010342046	0.021513001	5.81763E-05	0.021571177	0.469529454
578625.014141396.41	578625.01	4141396.4	0.58736652	0.000387476	0.587754	0.011685405	4.10309E-05	0.011726436	0.026340467	6.42902E-05	0.026404757	0.62588519
578645.014141396.41	578645.01	4141396.4	0.818609326	0.000430243	0.8190396	0.013393053	4.55595E-05	0.013438612	0.032660818	7.1386E-05	0.032732204	0.865210384
578665.014141396.41	578665.01	4141396.4	1.184389847	0.000482127	1.184872	0.015533881	5.10537E-05	0.015584934	0.040979426	7.99946E-05	0.04105942	1.241516328
579005.014141396.41	579005.01	4141396.4	9.451482091	0.005605956	9.457088	1.587278501	0.00059363	1.587872131	0.968826697	0.000930142	0.969756839	12.01471702
579025.014141396.41	579025.01	4141396.4	7.64489232	0.005789339	7.6506817	1.868254569	0.000613049	1.868867617	0.843501864	0.000960569	0.844462433	10.36401171
579045.014141396.41	579045.01	4141396.4	5.713677515	0.006068071	5.7197456	2.041444239	0.000642564	2.042086803	0.706927027	0.001006817	0.707933844	8.469766233
579065.014141396.41	579065.01	4141396.4	4.167433995	0.00644409	4.1738781	2.048394338	0.000682382	2.04907672	0.578206243	0.001069206	0.579275448	6.802230253
579085.014141396.41	579085.01	4141396.4	3.105968088	0.006911396	3.1128795	1.876079009	0.000731866	1.876810876	0.467173201	0.001146741	0.468319943	5.458010303
579105.014141396.41	579105.01	4141396.4	2.394818974	0.007461168	2.4022801	1.577908904	0.000790083	1.578698987	0.376239984	0.00123796	0.377477944	4.358457074
579125.014141396.41	579125.01	4141396.4	1.912500222	0.00812224	1.9206225	1.247135943	0.000860086	1.247996029	0.305073544	0.001347645	0.306421189	3.47503968
579145.014141396.41	579145.01	4141396.4	1.569453175	0.008891087	1.5783443	0.948927298	0.000941501	0.949868799	0.249444754	0.001475213	0.250919967	2.779133028
579165.014141396.41	579165.01	4141396.4	1.316547016	0.009788018	1.326335	0.712130287	0.00103648	0.713166767	0.206038659	0.001624032	0.20766269	2.24716449
579185.014141396.41	579185.01	4141396.4	1.125296669	0.010869138	1.1361658	0.538022529	0.001150962	0.539173492	0.172301919	0.001803411	0.174105331	1.849444629
579205.014141396.41	579205.01	4141396.4	0.97682161	0.012202309	0.9890239	0.413990767	0.001292136	0.415282903	0.145955947	0.002024612	0.147980558	1.55228738
579225.014141396.41	579225.01	4141396.4	0.857566787	0.013815422	0.8713822	0.324875682	0.001462952	0.326338634	0.124963082	0.00229226	0.127255342	1.324976186
579245.014141396.41	579245.01	4141396.4	0.760123288	0.015783037	0.7759063	0.260439594	0.001671309	0.262110903	0.10813804	0.002618727	0.110756767	1.148773995
579265.014141396.41	579265.01	4141396.4	0.67911901	0.018171507	0.6972905	0.21304954	0.00192423	0.21497377	0.094511262	0.003015023	0.097526286	1.009790573
579285.014141396.41	579285.01	4141396.4	0.611309393	0.021191651	0.632501	0.17780205	0.002244041	0.180046091	0.083445217	0.003516127	0.086961344	0.899508478
579305.014141396.41	579305.01	4141396.4	0.553410147	0.025114615	0.5785248	0.150793355	0.002659455	0.15345281	0.074286067	0.004167026	0.078453094	0.810430665
578385.014141416.41	578385.01	4141416.4	0.078508285	0.000168374	0.0786767	0.004225757	1.78296E-05	0.004243587	0.005085477	2.79368E-05	0.005113414	0.088033661
578405.014141416.41	578405.01	4141416.4	0.086318827	0.000175798	0.0864946	0.004487452	1.86157E-05	0.004506068	0.005532155	2.91685E-05	0.005561323	0.096562017
578425.014141416.41	578425.01	4141416.4	0.095663299	0.000187417	0.0958507	0.004783665	1.98461E-05	0.004803511	0.006063686	3.10964E-05	0.006094782	0.106749009
578445.014141416.41	578445.01	4141416.4	0.106929549	0.000199225	0.1071288	0.005119484	2.10965E-05	0.005140581	0.006696939	3.30555E-05	0.006729995	0.11899935
578465.014141416.41	578465.01	4141416.4	0.120540237	0.000212243	0.1207525	0.005497376	2.2475E-05	0.005519851	0.007452514	3.52155E-05	0.00748773	0.133760061
578485.014141416.41	578485.01	4141416.4	0.137436755	0.000227736	0.1376645	0.005931059	2.41156E-05	0.005955174	0.008372512	3.7786E-05	0.008410298	0.152029963

578665.014141316.41	578665	4141316	0.023093292	0.004063	0.007249	0.0009998	0.0049563	0.0017172	0.023093292	578665	4141316
578685.014141316.41	578685	4141316	0.030388286	0.0055063	0.0094408	0.0011338	0.0060376	0.0020927	0.030388286	578685	4141316
578705.014141316.41	578705	4141316	0.040449426	0.0075528	0.0124199	0.001306	0.0073985	0.0025653	0.040449426	578705	4141316
578725.014141316.41	578725	4141316	0.054234516	0.0104291	0.0163703	0.0015281	0.0091128	0.0031606	0.054234516	578725	4141316
579025.014141316.41	579025	4141316	0.255642408	0.021541	0.1293009	0.0385131	0.0713795	0.0247734	0.255642408	579025	4141316
579045.014141316.41	579045	4141316	0.217896891	0.0184311	0.1397804	0.04283	0.0656481	0.0227747	0.217896891	579045	4141316
579065.014141316.41	579065	4141316	0.179040911	0.0154649	0.1437892	0.0453343	0.0586748	0.020343	0.179040911	579065	4141316
579085.014141316.41	579085	4141316	0.144080863	0.0127773	0.14079	0.0456221	0.0514037	0.0178068	0.144080863	579085	4141316
579105.014141316.41	579105	4141316	0.114997322	0.0104729	0.1313342	0.0435891	0.044405	0.0153646	0.131334243	579105	4141316
579125.014141316.41	579125	4141316	0.091724057	0.0085691	0.1170843	0.039604	0.0379465	0.01311	0.1170843	579125	4141316
579145.014141316.41	579145	4141316	0.07387481	0.0070621	0.1006674	0.0345133	0.0322915	0.0111345	0.100667421	579145	4141316
579165.014141316.41	579165	4141316	0.060612069	0.0059061	0.0846207	0.0292452	0.0275776	0.0094853	0.084620703	579165	4141316
579185.014141316.41	579185	4141316	0.050506232	0.0049996	0.0700178	0.0242833	0.0236156	0.008097	0.07001783	579185	4141316
579205.014141316.41	579205	4141316	0.04270926	0.0042812	0.0574676	0.0199322	0.0202982	0.0069323	0.057467616	579205	4141316
579225.014141316.41	579225	4141316	0.036718103	0.0037144	0.0472724	0.0163575	0.0175783	0.005974	0.047272382	579225	4141316
579245.014141316.41	579245	4141316	0.032073805	0.0032633	0.0392155	0.0135175	0.0153617	0.005189	0.039215526	579245	4141316
579265.014141316.41	579265	4141316	0.028383625	0.0028953	0.0328257	0.0112617	0.013531	0.0045364	0.032825663	579265	4141316
579285.014141316.41	579285	4141316	0.025368429	0.0025868	0.0276797	0.0094467	0.0119915	0.0039838	0.027679714	579285	4141316
578385.014141336.41	578385	4141336	0.001914948	0.000271	0.0007466	0.0004382	0.0006041	0.0002075	0.001914948	578385	4141336
578405.014141336.41	578405	4141336	0.002108083	0.0003001	0.0008109	0.0004486	0.0006651	0.0002286	0.002108083	578405	4141336
578425.014141336.41	578425	4141336	0.002341717	0.0003356	0.0008878	0.0004606	0.0007379	0.0002538	0.002341717	578425	4141336
578445.014141336.41	578445	4141336	0.002677275	0.0003813	0.0009929	0.0004791	0.0008479	0.0002917	0.002677275	578445	4141336
578465.014141336.41	578465	4141336	0.003061511	0.00044	0.001117	0.0004969	0.0009618	0.0003309	0.003061511	578465	4141336
578485.014141336.41	578485	4141336	0.003457963	0.0005015	0.0012438	0.000514	0.0010561	0.0003639	0.003457963	578485	4141336
578505.014141336.41	578505	4141336	0.00400572	0.0005874	0.0014182	0.000536	0.0012071	0.0004162	0.00400572	578505	4141336
578525.014141336.41	578525	4141336	0.00472087	0.0007012	0.0016446	0.0005622	0.001424	0.0004911	0.00472087	578525	4141336
578545.014141336.41	578545	4141336	0.005647271	0.0008522	0.0019369	0.0005934	0.0016608	0.0005732	0.005647271	578545	4141336
578565.014141336.41	578565	4141336	0.00683644	0.0010505	0.002311	0.0006296	0.0019479	0.0006728	0.00683644	578565	4141336
578585.014141336.41	578585	4141336	0.008436526	0.0013243	0.0028131	0.0006737	0.0023091	0.0007981	0.008436526	578585	4141336
578605.014141336.41	578605	4141336	0.010628632	0.0017105	0.0034992	0.0007283	0.0027678	0.0009573	0.010628632	578605	4141336
578625.014141336.41	578625	4141336	0.013652493	0.0022604	0.0044436	0.0007959	0.0033491	0.001159	0.013652493	578625	4141336
578645.014141336.41	578645	4141336	0.017772519	0.0030342	0.0057277	0.0008786	0.0040712	0.0014097	0.017772519	578645	4141336
578665.014141336.41	578665	4141336	0.023644753	0.004174	0.007556	0.0009851	0.0050025	0.001733	0.023644753	578665	4141336
578685.014141336.41	578685	4141336	0.031655659	0.0057812	0.0100381	0.0011159	0.006146	0.0021301	0.031655659	578685	4141336
578705.014141336.41	578705	4141336	0.043032341	0.0081415	0.0135172	0.0012858	0.0076082	0.0026378	0.043032341	578705	4141336
579025.014141336.41	579025	4141336	0.282746774	0.0228345	0.1514066	0.0452313	0.078349	0.0271927	0.282746774	579025	4141336
579045.014141336.41	579045	4141336	0.234118864	0.0193997	0.1633432	0.0502866	0.070827	0.0245703	0.234118864	579045	4141336
579065.014141336.41	579065	4141336	0.18684218	0.0160254	0.1666024	0.05295	0.0622735	0.0215877	0.18684218	579065	4141336
579085.014141336.41	579085	4141336	0.146247184	0.0129666	0.1604636	0.0525642	0.0536555	0.0185817	0.160463555	579085	4141336
579105.014141336.41	579105	4141336	0.113984498	0.0104216	0.146326	0.0491681	0.0455893	0.0157671	0.146325953	579105	4141336
579125.014141336.41	579125	4141336	0.089634979	0.0084258	0.1272992	0.0435979	0.0384661	0.0132799	0.127299222	579125	4141336
579145.014141336.41	579145	4141336	0.071772061	0.0069073	0.1069035	0.0370656	0.0324485	0.0111765	0.106903543	579145	4141336
579165.014141336.41	579165	4141336	0.058516943	0.0057411	0.0875164	0.030535	0.0274104	0.0094133	0.087516385	579165	4141336
579185.014141336.41	579185	4141336	0.04875422	0.0048536	0.070924	0.0247788	0.0233192	0.0079783	0.070924013	579185	4141336
579205.014141336.41	579205	4141336	0.041274756	0.0041536	0.0571656	0.0199302	0.0199295	0.0067865	0.057165592	579205	4141336
579225.014141336.41	579225	4141336	0.035738449	0.0036197	0.0467192	0.0162174	0.017278	0.0058485	0.04671918	579225	4141336
579245.014141336.41	579245	4141336	0.03133596	0.0031836	0.0384219	0.013263	0.0150751	0.0050649	0.038421883	579245	4141336
579265.014141336.41	579265	4141336	0.027831352	0.0028263	0.0319503	0.0109599	0.0132683	0.0044167	0.031950285	579265	4141336
579285.014141336.41	579285	4141336	0.025007289	0.0025294	0.0268911	0.0091622	0.0117847	0.0038782	0.026891134	579285	4141336
578385.014141356.41	578385	4141356	0.001955912	0.0002751	0.0007587	0.0004423	0.0006018	0.0002066	0.001955912	578385	4141356
578405.014141356.41	578405	4141356	0.002150949	0.0003041	0.000823	0.0004529	0.0006618	0.0002273	0.002150949	578405	4141356
578425.014141356.41	578425	4141356	0.002395417	0.0003392	0.000904	0.0004675	0.0007331	0.000252	0.002395417	578425	4141356
578445.014141356.41	578445	4141356	0.002672485	0.0003809	0.0009941	0.0004814	0.0008159	0.0002806	0.002672485	578445	4141356
578465.014141356.41	578465	4141356	0.003014445	0.0004328	0.0011045	0.0004975	0.0009163	0.0003154	0.003014445	578465	4141356
578485.014141356.41	578485	4141356	0.003478554	0.000504	0.0012535	0.0005179	0.0010701	0.0003683	0.003478554	578485	4141356
578505.014141356.41	578505	4141356	0.004004559	0.0005859	0.0014214	0.0005391	0.0012184	0.0004197	0.004004559	578505	4141356
578525.014141356.41	578525	4141356	0.004646844	0.0006873	0.0016259	0.0005627	0.0013935	0.0004804	0.004646844	578525	4141356
578545.014141356.41	578545	4141356	0.005539998	0.0008312	0.0019102	0.0005928	0.0016245	0.0005605	0.005539998	578545	4141356
578565.014141356.41	578565	4141356	0.006727074	0.001027	0.0022885	0.0006288	0.0019139	0.0006608	0.006727074	578565	4141356
578585.014141356.41	578585	4141356	0.008285947	0.0012909	0.0027862	0.0006707	0.0022691	0.000784	0.008285947	578585	4141356
578605.014141356.41	578605	4141356	0.010464664	0.0016714	0.003484	0.0007231	0.0027271	0.0009429	0.010464664	578605	4141356
578625.014141356.41	578625	4141356	0.013494868	0.0022193	0.0044574	0.0007872	0.0033087	0.0011448	0.013494868	578625	4141356
578645.014141356.41	578645	4141356	0.017770177	0.0030216	0.0058342	0.000867	0.0040499	0.0014021	0.017770177	578645	4141356
578665.014141356.41	578665	4141356	0.023956152	0.0042282	0.0078316	0.0009688	0.0050086	0.0017349	0.023956152	578665	4141356
578685.014141356.41	578685	4141356	0.032898658	0.0060434	0.0107176	0.0010987	0.0062375	0.0021616	0.032898658	578685	4141356
579025.014141356.41	579025	4141356	0.314588009	0.0246294	0.1802873	0.0539201	0.0861154	0.0298884	0.314588009	579025	4141356
579045.014141356.41	579045	4141356	0.251025709	0.0206707	0.1935454	0.0598673	0.0763321	0.026478	0.251025709	579045	4141356
579065.014141356.41	579065	4141356	0.192779164	0.0165941	0.1945687	0.0624241	0.0657535	0.0227896	0.194568694	579065	4141356
579085.014141356.41	579085	4141356	0.146093149	0.0130496	0.1834022	0.0608566	0.0555673	0.0192368	0.183402167	579085	4141356
579105.014141356.41	579105	4141356	0.111361217	0.0102813	0.1628267	0.0555021	0.0464314	0.0160486	0.162826679	579105	4141356
579125.014141356.41	579125	4141356	0.086575237	0.0082241	0.1376023	0.0477847	0.0386753	0.0133395	0.137602278	579125	4141356
579145.014141356.41	579145	4141356	0.068934331	0.0067004	0.1121502	0.0393583	0.0322663	0.0110983	0.11215018	579145	4141356
579165.014141356.41	579165	4141356	0.056180291	0.0055563	0.0893716	0.0314826	0.027034	0.0092656	0.089371628	579165	4141356
579185.014141356.41	579185	4141356	0.04694403	0.0046985	0.0709174	0.0249467	0.0228791	0.007806	0.070917366	579185	4141356
579205.014141356.41	579205	4141356	0.040030285	0.0040366	0.056522	0.01979	0.0195512	0.006632	0.056522002	579205	4141356
579225.014141356.41	579225	4141356	0.034762248	0.0035172	0.0455885	0.015858	0.0168928	0.0056882	0.045588467	579225	4141356
579245.014141356.41	579245	4141356	0.03063277	0.0030979	0.0372492	0.0128605	0.0147416	0.0049179	0.037249202	579245	4141356
579265.014141356.41	579265	4141356	0.027362652	0.0027546	0.030915	0.0105881	0.0130094	0.0042894	0.030914987	579265	4141356
579285.014141356.41	579285	4141356	0.02471047	0.0024671	0.0259773	0.0088215	0.0115859	0.0037648	0.025977348	579285	4141356
579305.014141356.41	579305	4141356	0.022567155	0.002224	0.0221606	0.0074573	0.0104361	0.0033301	0.022567155	579305	4141356
578385.014141376.41	578385	4141376	0.001996826	0.0002806	0.000775	0.0004476	0.000602	0.0002066	0.001996826	578385	4141376
578405.014141376.41	578405	4141376	0.00219617	0.0003099	0.000841	0.0004589	0.0006765	0.0002321	0.00219617	578405	4141376
578425.014141376.41	578425	4141376	0.002426414	0.0003443	0.0009166	0.0004714	0.0007458	0.0002561	0.002426414	578425	4141376
578445.014141376.41	578445	4141376	0.002704623	0.0003862	0.0010072	0.0004856	0.000829	0.0002848	0.002704623	578445	4141376
578465.014141376.41	578465	4141376	0.003034054	0.000436	0.0011136	0.0005014	0.0009264	0.0003185	0.003034054	578465	4141376
578485.014141376.41	578485	4141376	0.003431864	0.000497	0.0012414	0.0005192	0.001042	0.0003586	0.003431864	578485	4141376
578505.014141376.41	578505	4141376	0.003957474	0.0005782	0.0014096	0.0005408	0.0011901	0.0004098	0.003957474	578505	4141376
578525.014141376.41	578525	4141376	0.004654892	0.0006877	0.0016327	0.0005672	0.0013794	0.0004753	0.004654892	578525	4141376
578545.014141376.41	578545	4141376	0.005448891	0.0008139	0.0018869	0.0005939	0.0015878	0.0005476	0.005448891	578545	4141376
578565.014141376.41	578565	4141376	0.006600999	0.0010015	0.0022582	0.000629	0.0018721	0.0006461	0.006600999	578565	4141376
578585.014141376.41	578585	4141376	0.008153558	0.0012607	0.0027626	0.0006707	0.0022296	0.0007701	0.008153558	578585	4141376
578605.014141376.41	578605	4141376	0.010293417	0.0016295	0.0034651	0.0007209	0.0026831	0.0009274	0.010293417	578605	4141376
578625.014141376.41	578625	4141376	0.013317428	0.0021702	0.0044682	0.0007821	0.0032643	0.0011291	0.013317428	578625	4141376
578645.014141376.41	578645	4141376	0.017695067	0.0029864	0.0059351	0.0008585	0.0040167	0.0013902	0.017695067	578645	4141376
578665.014141376.41	578665	4141376	0.024207885	0.0042573	0.0081366	0.0009562	0.0050038	0.0017329	0.024207885	578665	4141376
578685.014141376.41	578685	4141376	0.033986818	0.0062588	0.0114586	0.0010818	0.0062947	0.0021811	0.033986818	578685	4141376
579005.014141376.41	579005	4141376	0.431127716	0.0309322	0.1904607	0.0552754	0.1049676	0.0364459	0.431127716	579005	4141376
579025.014141376.41	579025	4141376	0.34975109	0.027146	0.2177222	0.0650281	0.0943927	0.0327608	0.34975109	579025	4141376
579045.014141376.41	579045	4141376	0.265480146	0.0221384	0.2315422	0.0719831	0.0816949	0.0283351	0.265480146	579045	4141376
579065.014141376.41	579065	4141376	0.19516971	0.0170447	0.2287558	0.0742601	0.0688462	0.0238553	0.22875583	579065	4141376
579085.014141376.41	579085	4141376	0.143280908	0.0129857	0.2101749	0.0708434	0.0570442	0.0197385	0.210174902	579085	4141376
579105.014141376.41	579105	4141376	0.106947054	0.0100281	0.1803894	0.0625287	0.04679	0.0161595	0.180389374	579105	4141376
579125.014141376.41	579125	4141376	0.08241244	0.0079435	0.1469542	0.0518324	0.0384151	0.0132334	0.14695418	579125	4141376
579145.014141376.41	579145	4141376	0.065639245	0.0064537	0.1158259	0.041169	0.0317503	0.0109009	0.115825893	579145	4141376
579165.014141376.41	579165	4141376	0.053842424	0.0053639	0.0900522	0.0320147	0.0265009	0.0090591	0.090052214	579165	4141376
579185.014141376.41	579185	4141376	0.045248036	0.0045432	0.0700595	0.0247896	0.0223556	0.0075992	0.07005954	579185	4141376
579205.014141376.41	579205	4141376	0.038805555	0.0039097	0.0550814	0.0193434	0.0190747	0.0064373	0.055081399	579205	4141376
579225.014141376.41	579225	4141376	0.033884772	0.0034113	0.044054	0.0153335	0.0164833	0.0055112	0.044054001	579225	4141376
579245.014141376.41	579245	4141376	0.030041865	0.0030094	0.0358839	0.0123707	0.0144221	0.004765	0.035883874	579245	4141376
579265.014141376.41	579265	4141376	0.026959726	0.0026764	0.0296934	0.0101343	0.0127551	0.0041514	0.029693429	579265	4141376
579285.014141376.41	579285	4141376	0.024528472	0.0024004	0.0250554	0.0084616	0.0114406	0.0036529	0.025055416	579285	4141376
579305.014141376.41	579305	4141376	0.022609757	0.0021672	0.0215091	0.0071802	0.0104048	0.0032412	0.022609757	579305	4141376
578385.014141396.41	578385	4141396	0.002041267	0.0002876	0.0007922	0.0004519	0.0006195	0.0002124	0.002041267	578385	4141396
578405.014141396.41	578405	4141396	0.002233466	0.0003164	0.000856	0.0004631	0.0006758	0.0002318	0.002233466	578405	4141396
578425.014141396.41	578425	4141396	0.002455894	0.0003498	0.000929	0.0004754	0.0007411	0.0002545	0.002455894	578425	4141396
578445.014141396.41	578445	4141396	0.002728831	0.0003908	0.0010178	0.0004896	0.0008209	0.000282	0.002728831	578445	4141396
578465.014141396.41	578465	4141396	0.003067403	0.0004423	0.0011272	0.0005062	0.0009188	0.0003157	0.003067403	578465	4141396
578485.014141396.41	578485	4141396	0.003469267	0.0005037	0.0012562	0.0005245	0.0010336	0.0003554	0.003469267	578485	4141396
578505.014141396.41	578505	4141396	0.003951892	0.000578	0.0014106	0.0005448	0.0011694	0.0004025	0.003951892	578505	4141396
578525.014141396.41	578525	4141396	0.004619342	0.0006822	0.0016244	0.0005706	0.0013507	0.0004652	0.004619342	578525	4141396
578545.014141396.41	578545	4141396	0.005400403	0.0008053	0.0018754	0.0005974	0.0015564	0.0005365	0.005400403	578545	4141396
578565.014141396.41	578565	4141396	0.006479009	0.0009784	0.0022257	0.0006307	0.0018259	0.0006299	0.006479009	578565	4141396
578585.014141396.41	578585	4141396	0.007964069	0.0012223	0.0027152	0.000671	0.0021728	0.0007501	0.007964069	578585	4141396
578605.014141396.41	578605	4141396	0.010055189	0.0015761	0.0034178	0.0007198	0.0026217	0.0009058	0.010055189	578605	4141396
578625.014141396.41	578625	4141396	0.013077429	0.002107	0.0044553	0.0007798	0.0032066	0.0011087	0.013077429	578625	4141396
578645.014141396.41	578645	4141396	0.017545517	0.0029286	0.0060223	0.0008539	0.0039708	0.001374	0.017545517	578645	4141396
578665.014141396.41	578665	4141396	0.024307791	0.0042391	0.0084393	0.0009469	0.0049746	0.0017224	0.024307791	578665	4141396
579005.014141396.41	579005	4141396	0.50500212	0.0347809	0.2335198	0.067291	0.1176347	0.0408458	0.50500212	579005	4141396
579025.014141396.41	579025	4141396	0.386695485	0.0307714	0.2672677	0.0795554	0.1030404	0.0357608	0.386695485	579025	4141396
579045.014141396.41	579045	4141396	0.275241383	0.0236304	0.2802544	0.0877578	0.0867531	0.0300845	0.280254402	579045	4141396
579065.014141396.41	579065	4141396	0.192089149	0.01716	0.2703868	0.0891361	0.0712054	0.0246638	0.27038679	579065	4141396
579085.014141396.41	579085	4141396	0.136741911	0.0126678	0.2403234	0.082594	0.0576999	0.0199522	0.240323394	579085	4141396
579105.014141396.41	579105	4141396	0.101077438	0.0096725	0.1983058	0.0700964	0.0465999	0.0160766	0.198305805	579105	4141396
579125.014141396.41	579125	4141396	0.078095452	0.0076454	0.1553854	0.0557288	0.0379036	0.0130356	0.155385372	579125	4141396
579145.014141396.41	579145	4141396	0.062548527	0.0062104	0.1182163	0.0425469	0.0311109	0.0106553	0.118216267	579145	4141396
579165.014141396.41	579165	4141396	0.051589626	0.0051617	0.089253	0.0319908	0.0258239	0.0087967	0.089253039	579165	4141396
579185.014141396.41	579185	4141396	0.043632421	0.0043777	0.0681058	0.0242025	0.0217354	0.0073517	0.068105794	579185	4141396
579205.014141396.41	579205	4141396	0.037692167	0.0037763	0.0530463	0.018651	0.0185704	0.0062233	0.053046254	579205	4141396
579225.014141396.41	579225	4141396	0.03310712	0.0032984	0.0421954	0.0146663	0.0160807	0.0053244	0.042195431	579225	4141396
579245.014141396.41	579245	4141396	0.029526056	0.0029118	0.0343242	0.0117897	0.0141246	0.0046043	0.034324226	579245	4141396
579265.014141396.41	579265	4141396	0.026706503	0.002593	0.0285242	0.009678	0.0125868	0.0040214	0.028524247	579265	4141396
579285.014141396.41	579285	4141396	0.024525124	0.0023281	0.0242212	0.0081102	0.0114005	0.0035483	0.024525124	579285	4141396
579305.014141396.41	579305	4141396	0.022876368	0.0021032	0.0209564	0.006911	0.0105007	0.0031571	0.022876368	579305	4141396
578385.014141416.41	578385	4141416	0.002084039	0.0002947	0.0008089	0.0004561	0.0006235	0.0002137	0.002084039	578385	4141416
578405.014141416.41	578405	4141416	0.002276669	0.0003237	0.0008728	0.0004674	0.0006779	0.0002325	0.002276669	578405	4141416
578425.014141416.41	578425	4141416	0.002505741	0.0003583	0.000948	0.0004803	0.0007429	0.0002549	0.002505741	578425	4141416
578445.014141416.41	578445	4141416	0.002779274	0.0003999	0.001037	0.0004948	0.0008201	0.0002816	0.002779274	578445	4141416
578465.014141416.41	578465	4141416	0.003106743	0.0004498	0.0011426	0.0005112	0.0009123	0.0003134	0.003106743	578465	4141416
578485.014141416.41	578485	4141416	0.003508798	0.0005116	0.0012716	0.0005299	0.0010245	0.0003522	0.003508798	578485	4141416

579085.014141816.41	579085	4141816	0.151204111	0.001715967	0.1529201	0.039433733	0.000181708	0.039615442	0.031294409	0.000284714	0.031579123	0.224114643
579105.014141816.41	579105	4141816	0.142048053	0.001690496	0.1437385	0.035019724	0.000179011	0.035198735	0.029066364	0.000280488	0.029346852	0.208284137
579125.014141816.41	579125	4141816	0.134093303	0.001677801	0.1357711	0.031335816	0.000177667	0.031513483	0.027170731	0.000278381	0.027449112	0.194733699
579145.014141816.41	579145	4141816	0.127095756	0.001681136	0.1287769	0.02827599	0.00017802	0.02845401	0.02551927	0.000278935	0.025798205	0.183029107
579165.014141816.41	579165	4141816	0.120900843	0.001702089	0.1226029	0.025746111	0.000180239	0.02592635	0.02405197	0.000282411	0.024334382	0.172863664
579185.014141816.41	579185	4141816	0.115351237	0.001743079	0.1170943	0.023648504	0.000184579	0.023833083	0.022723343	0.000289212	0.023012556	0.163939955
579205.014141816.41	579205	4141816	0.110385149	0.001801284	0.1121864	0.021911065	0.000190743	0.022101808	0.02151237	0.00029887	0.02181124	0.156099482
579225.014141816.41	579225	4141816	0.105849521	0.001887731	0.1077373	0.020447816	0.000199897	0.020647713	0.020391922	0.000313213	0.020705135	0.1490901
579245.014141816.41	579245	4141816	0.101720941	0.001988729	0.1037097	0.019199357	0.000210592	0.019409949	0.019313446	0.000329971	0.019643417	0.142763036
579265.014141816.41	579265	4141816	0.097825141	0.002123643	0.0999488	0.018037213	0.000224878	0.018262091	0.018266134	0.000352356	0.01861849	0.136829366
579285.014141816.41	579285	4141816	0.094293904	0.002331449	0.0966254	0.017142422	0.000246883	0.017389306	0.017398414	0.000386835	0.017785249	0.131799907
579305.014141816.41	579305	4141816	0.090984585	0.00262562	0.0936102	0.016370475	0.000278034	0.016648509	0.01661281	0.000435644	0.017048454	0.127307167
579325.014141816.41	579325	4141816	0.087836809	0.002971917	0.0908087	0.015595571	0.000314704	0.015910275	0.015771327	0.000493102	0.016264428	0.122983429
579345.014141816.41	579345	4141816	0.084868932	0.003478574	0.0883475	0.014908548	0.000368356	0.015276904	0.015015864	0.000577166	0.01559303	0.11921744
578565.014141836.41	578565	4141836	0.705106996	0.000463433	0.7055704	0.026418222	4.90742E-05	0.026467296	0.04307017	7.6893E-05	0.043147063	0.775184789
578585.014141836.41	578585	4141836	0.757433259	0.000513219	0.7579465	0.030398352	5.43462E-05	0.030452698	0.051616779	8.51536E-05	0.051701933	0.840101109
578605.014141836.41	578605	4141836	0.80511586	0.000573119	0.805689	0.035303156	6.06891E-05	0.035363845	0.062551496	9.50921E-05	0.062646588	0.903699412
578625.014141836.41	578625	4141836	0.839428947	0.000639097	0.840068	0.040943398	6.76757E-05	0.041011073	0.075620622	0.000106039	0.075726661	0.956805778
578645.014141836.41	578645	4141836	0.858651111	0.00071266	0.8593638	0.047504437	7.54655E-05	0.047579903	0.091231603	0.000118245	0.091349848	0.998293521
578665.014141836.41	578665	4141836	0.862812558	0.000796793	0.8636094	0.055262013	8.43746E-05	0.055346387	0.1098424	0.000132204	0.109974604	1.028930343
578685.014141836.41	578685	4141836	0.849125068	0.000888834	0.8500139	0.064119345	9.41211E-05	0.064213466	0.130746447	0.000147476	0.130893923	1.045121292
578705.014141836.41	578705	4141836	0.81928383	0.000989348	0.8202732	0.074133754	0.000104765	0.074238518	0.153012226	0.000164153	0.153176379	1.047688075
578725.014141836.41	578725	4141836	0.776389188	0.001099787	0.777489	0.085324695	0.000116459	0.085441154	0.174903426	0.000182477	0.175085903	1.038016032
578765.014141836.41	578765	4141836	0.664182929	0.001335538	0.6655185	0.109090708	0.000141424	0.109232132	0.202775877	0.000221593	0.20299747	0.977748069
578785.014141836.41	578785	4141836	0.602677279	0.001455229	0.6041325	0.120184214	0.000154098	0.120338313	0.201873924	0.000241452	0.202115376	0.926586196
578805.014141836.41	578805	4141836	0.542082085	0.00157024	0.5436523	0.129324083	0.000166277	0.12949036	0.189697177	0.000260535	0.189957712	0.863100397
578825.014141836.41	578825	4141836	0.484681623	0.001671587	0.4863532	0.13506395	0.000177009	0.135240959	0.16887828	0.00027735	0.16915563	0.7907498
578845.014141836.41	578845	4141836	0.432348672	0.001752977	0.4341016	0.136380186	0.000185628	0.136565813	0.144731254	0.000290855	0.145022109	0.715689571
578865.014141836.41	578865	4141836	0.385162738	0.001814598	0.3869773	0.13292564	0.000192153	0.133117793	0.122213467	0.000301079	0.122514546	0.642609676
578885.014141836.41	578885	4141836	0.34350933	0.001832834	0.3453422	0.124194244	0.000194084	0.124388327	0.101526327	0.000304105	0.101830431	0.571560923
578905.014141836.41	578905	4141836	0.306505527	0.001831113	0.3083366	0.112202771	0.000193901	0.112396673	0.084993047	0.000303819	0.085296866	0.506030178
578925.014141836.41	578925	4141836	0.27415549	0.001815513	0.275971	0.098928033	0.00019225	0.099120282	0.071852621	0.000301231	0.072153851	0.447245136
578945.014141836.41	578945	4141836	0.246343349	0.001787567	0.2481309	0.086084404	0.00018929	0.086273694	0.061273254	0.000296594	0.061569848	0.395974458
578965.014141836.41	578965	4141836	0.222563681	0.001752735	0.2243164	0.074656773	0.000185602	0.074842375	0.052696042	0.000290815	0.052986857	0.352145649
578985.014141836.41	578985	4141836	0.202252926	0.001713735	0.2039667	0.064929504	0.000181472	0.065110976	0.045726619	0.000284344	0.046010963	0.3150886
579005.014141836.41	579005	4141836	0.18491931	0.001672905	0.1865922	0.05677744	0.000177148	0.056954588	0.040108091	0.000277569	0.04038566	0.283932464
579025.014141836.41	579025	4141836	0.170050458	0.00163412	0.1716846	0.049914485	0.000173041	0.050087527	0.035618065	0.000271134	0.035889199	0.257661304
579045.014141836.41	579045	4141836	0.157284237	0.001599073	0.1588833	0.044066795	0.00016933	0.044236126	0.0320412	0.000265319	0.032306519	0.235425956
579065.014141836.41	579065	4141836	0.146285885	0.001570509	0.1478564	0.039035687	0.000166305	0.039201992	0.029175427	0.000260579	0.029436007	0.216494393
579085.014141836.41	579085	4141836	0.136778488	0.001550605	0.1383291	0.034700141	0.000164198	0.034864339	0.026854021	0.000257277	0.027111298	0.200304731
579105.014141836.41	579105	4141836	0.128561027	0.001539309	0.1301003	0.031001163	0.000163002	0.031164164	0.02494168	0.000255403	0.025197083	0.186461583
579125.014141836.41	579125	4141836	0.121409323	0.001538798	0.1229481	0.02786374	0.000162947	0.028026688	0.023332338	0.000255318	0.023587656	0.174562465
579145.014141836.41	579145	4141836	0.115099866	0.001553026	0.1166529	0.025215455	0.000164454	0.025379909	0.021946683	0.000257679	0.022204362	0.164237164
579165.014141836.41	579165	4141836	0.109524399	0.001582128	0.1111065	0.022996374	0.000167536	0.02316391	0.020731432	0.000262507	0.020993939	0.155264376
579185.014141836.41	579185	4141836	0.104561708	0.001627315	0.106189	0.021140559	0.000172321	0.02131288	0.019645502	0.000270005	0.019915507	0.14741741
579205.014141836.41	579205	4141836	0.100119011	0.001689581	0.1018086	0.019585611	0.000178914	0.019764525	0.018664877	0.000280336	0.018945213	0.140518331
579225.014141836.41	579225	4141836	0.096083938	0.001775947	0.0978599	0.018271281	0.00018806	0.018459341	0.017762461	0.000294666	0.018057127	0.134376353
579245.014141836.41	579245	4141836	0.092409207	0.001884261	0.0942935	0.017154137	0.00019953	0.017353667	0.016925484	0.000312637	0.017238121	0.128885256
579265.014141836.41	579265	4141836	0.089000229	0.002010945	0.0910112	0.016138989	0.000212944	0.016351933	0.016069545	0.000333657	0.016403202	0.12376631
579285.014141836.41	579285	4141836	0.085862275	0.002201913	0.0880642	0.015309723	0.000233167	0.01554289	0.015349168	0.000365342	0.01571451	0.119321588
579305.014141836.41	579305	4141836	0.082958918	0.002463243	0.0854222	0.014605924	0.00026084	0.014866764	0.014691734	0.000408702	0.015100436	0.115389362
579325.014141836.41	579325	4141836	0.080191782	0.002789691	0.0829815	0.013915579	0.000295408	0.014210987	0.014016943	0.000462867	0.01447981	0.11167227
579345.014141836.41	579345	4141836	0.07761627	0.003340163	0.0809564	0.013364999	0.000353699	0.013718698	0.013454719	0.000554201	0.01400892	0.108684049
578565.014141856.41	578565	4141856	0.663629927	0.000470131	0.6641001	0.028241386	4.97834E-05	0.028291169	0.046363387	7.80042E-05	0.046441392	0.738832619
578585.014141856.41	578585	4141856	0.703512196	0.000519513	0.7040317	0.03237009	5.50127E-05	0.032425102	0.055076692	8.61978E-05	0.05516289	0.791619702
578605.014141856.41	578605	4141856	0.735446706	0.000575701	0.7360224	0.037210236	6.09625E-05	0.037271198	0.06556749	9.55205E-05	0.06566301	0.838956615
578625.014141856.41	578625	4141856	0.756096549	0.000638424	0.756735	0.042791668	6.76045E-05	0.042859272	0.077913311	0.000105928	0.078019239	0.877613485
578645.014141856.41	578645	4141856	0.763729464	0.000707765	0.7644372	0.04918273	7.49471E-05	0.049257677	0.092109847	0.000117433	0.09222728	0.905922185
578665.014141856.41	578665	4141856	0.757524205	0.000784367	0.7583086	0.056466215	8.30587E-05	0.056549274	0.107998672	0.000130142	0.108128815	0.922986661
578685.014141856.41	578685	4141856	0.737544765	0.00086729	0.7384121	0.064591018	9.18397E-05	0.064682858	0.12482188	0.000143901	0.124965782	0.928060694
578705.014141856.41	578705	4141856	0.705513612	0.000956695	0.7064703	0.073515202	0.000101307	0.073616509	0.141416615	0.000158735	0.14157535	0.921662166
578725.014141856.41	578725	4141856	0.664044961	0.001051614	0.6650966	0.083038278	0.000111358	0.083149636	0.155915182	0.000174484	0.156089666	0.904335877
578745.014141856.41	578745	4141856	0.615906307	0.001148578	0.6170549	0.092622032	0.000121626	0.092743658	0.165599165	0.000190572	0.165789738	0.87558828
578765.014141856.41	578765	4141856	0.56458906	0.001246106	0.5658352	0.101751172	0.000131954	0.101883125	0.168398229	0.000206754	0.168604983	0.836323275
578785.014141856.41	578785	4141856	0.512834305	0.001340164	0.5141745	0.109591065	0.000141914	0.109732979	0.16308731	0.000222361	0.16330967	0.787217118
578805.014141856.41	578805	4141856	0.462756729	0.00142462	0.4641813	0.115105577	0.000150857	0.115256434	0.150196731	0.000236374	0.150433105	0.729870888
578825.014141856.41	578825	4141856	0.415909576	0.001492992	0.4174026	0.117317441	0.000158097	0.117475538	0.132383127	0.000247718	0.132630845	0.667508951
578845.014141856.41	578845	4141856	0.373645799	0.001550121	0.3751959	0.116333792	0.000164147	0.116497939	0.11432928	0.000257197	0.114586476	0.606280335
578865.014141856.41	578865	4141856	0.33523139	0.001583581	0.336815	0.111134317	0.00016769	0.111302007	0.09706965	0.000262748	0.097332398	0.545449376
578885.014141856.41	578885	4141856	0.301170727	0.00159087	0.3027616	0.102714288	0.000168462	0.102882749	0.081944259	0.000263958	0.082208217	0.487852564
578905.014141856.41	578905	4141856	0.270690457	0.001590171	0.2722806	0.092434274	0.000168387	0.092602661	0.069908465	0.000263842	0.070172307	0.435055597
578925.014141856.41	578925	4141856	0.243920604	0.001576964	0.2454976	0.081687548	0.000166989	0.081854537	0.060012624	0.00026165	0.060274275	0.38762638
578945.014141856.41	578945	4141856	0.220491846	0.001558244	0.2220501	0.071566203	0.000165007	0.07173121	0.051876922	0.000258544	0.052135467	0.345916767
578965.014141856.41	578965	4141856	0.200201341	0.001535382	0.2017367	0.062655552	0.000162586	0.062818137	0.045104642	0.000254751	0.045359393	0.309914253
578985.014141856.41	578985	4141856	0.182706606	0.00150983	0.1842164	0.055095673	0.00015988	0.055255553	0.03948096	0.000250511	0.039731472	0.279203461
579005.014141856.41	579005	4141856	0.167573778	0.001483793	0.1690576	0.048700169	0.000157123	0.048857292	0.03483839	0.000246192	0.035084582	0.252999445
579025.014141856.41	579025	4141856	0.15445664	0.001459667	0.1559163	0.043234257	0.000154568	0.043388825	0.031047189	0.000242188	0.031289377	0.230594509
579045.014141856.41	579045	4141856	0.143114831	0.001438526	0.1445534	0.038512793	0.000152329	0.038665123	0.02797019	0.000238681	0.028208871	0.211427351
579065.014141856.41	579065	4141856	0.133253134	0.001423141	0.1346763	0.034384641	0.0001507	0.034535341	0.02547279	0.000236128	0.025708918	0.194920533
579085.014141856.41	579085	4141856	0.124686178	0.001414937	0.1261011	0.030777716	0.000149832	0.030927548	0.023429685	0.000234767	0.023664452	0.180693115
579105.014141856.41	579105	4141856	0.117243171	0.001414077	0.1186572	0.02765484	0.00014974	0.027804581	0.021748826	0.000234624	0.021983451	0.168445279
579125.014141856.41	579125	4141856	0.110737514	0.001422738	0.1121603	0.024967964	0.000150658	0.025118621	0.020338361	0.000236061	0.020574422	0.157853295
579145.014141856.41	579145	4141856	0.10499995	0.001444255	0.1064442	0.022668091	0.000152936	0.022821027	0.01913353	0.000239631	0.019373161	0.148638393
579165.014141856.41	579165	4141856	0.099930774	0.001478764	0.1014095	0.020716089	0.00015659	0.020872679	0.018089071	0.000245357	0.018334428	0.140616645
579185.014141856.41	579185	4141856	0.095434167	0.001525511	0.0969597	0.019069126	0.00016154	0.019230666	0.017169752	0.000253113	0.017422866	0.13361321
579205.014141856.41	579205	4141856	0.091399522	0.001589283	0.0929888	0.017672042	0.000168293	0.017840336	0.016344946	0.000263694	0.01660864	0.127437781
579225.014141856.41	579225	4141856	0.087744069	0.001677236	0.0894213	0.016482608	0.000177607	0.016660215	0.015591736	0.000278288	0.015870023	0.121951543
579245.014141856.41	579245	4141856	0.08443994	0.001781354	0.0862213	0.015470348	0.000188632	0.015658981	0.014900999	0.000295563	0.015196562	0.117076837
579265.014141856.41	579265	4141856	0.081403954	0.001910539	0.0833145	0.0145869	0.000202312	0.014789212	0.014227197	0.000316997	0.014544194	0.1126479
579285.014141856.41	579285	4141856	0.078581489	0.002116489	0.080698	0.013834007	0.000224121	0.014058128	0.013656529	0.000351169	0.014007697	0.108763803
579305.014141856.41	579305	4141856	0.075968507	0.002361842	0.0783303	0.013166649	0.000250102	0.013416751	0.013089377	0.000391878	0.013481255	0.105228355
579325.014141856.41	579325	4141856	0.073520878	0.002627503	0.0761484	0.01252811	0.000278233	0.012806344	0.012496166	0.000435956	0.012932122	0.101886846
579345.014141856.41	579345	4141856	0.071268321	0.003104895	0.0743732	0.012045304	0.000328786	0.01237409	0.012049698	0.000515165	0.012564864	0.09931217
578545.014141876.41	578545	4141876	0.583938245	0.000431292	0.5843695	0.026156928	4.56706E-05	0.026202598	0.041602484	7.156E-05	0.041674044	0.652246179
578565.014141876.41	578565	4141876	0.619701575	0.000474595	0.6201762	0.029795181	5.02562E-05	0.029845438	0.048880871	7.87451E-05	0.048959616	0.698981224
578585.014141876.41	578585	4141876	0.648420037	0.000522284	0.6489423	0.033928194	5.5306E-05	0.0339835	0.057340721	8.66575E-05	0.057427379	0.7403532
578605.014141876.41	578605	4141876	0.668952649	0.00057562	0.6695283	0.0386709	6.0954E-05	0.038731854	0.067178968	9.55071E-05	0.067274475	0.775534598
578625.014141876.41	578625	4141876	0.679309706	0.000634444	0.6799441	0.044052384	6.7183E-05	0.044119567	0.078357868	0.000105267	0.078463135	0.802526852
578645.014141876.41	578645	4141876	0.678355135	0.000698889	0.679054	0.050105998	7.40072E-05	0.050180005	0.09070634	0.00011596	0.0908223	0.820056328
578665.014141876.41	578665	4141876	0.66590262	0.000768605	0.6666712	0.056814079	8.13897E-05	0.056895469	0.103769086	0.000127527	0.103896613	0.827463307
578685.014141876.41	578685	4141876	0.642705348	0.000842895	0.6435482	0.0640941	8.92564E-05	0.064183357	0.11672023	0.000139853	0.116860083	0.824591682
578705.014141876.41	578705	4141876	0.61059222	0.000921299	0.6115135	0.071820898	9.75588E-05	0.071918456	0.128424967	0.000152862	0.12857783	0.812009804
578725.014141876.41	578725	4141876	0.571685502	0.001001236	0.5726867	0.079618188	0.000106024	0.079724211	0.137114571	0.000166126	0.137280697	0.789691647
578745.014141876.41	578745	4141876	0.528798143	0.001081282	0.5298794	0.08711159	0.0001145	0.087226089	0.14126677	0.000179407	0.141446176	0.758551691
578765.014141876.41	578765	4141876	0.484488874	0.001158933	0.4856478	0.093751569	0.000122723	0.093874291	0.139755941	0.000192291	0.139948231	0.71947033
578785.014141876.41	578785	4141876	0.440862731	0.001230936	0.4420937	0.098877444	0.000130347	0.099007791	0.132465917	0.000204237	0.132670154	0.673771612
578805.014141876.41	578805	4141876	0.399401373	0.001293202	0.4006946	0.101779589	0.000136941	0.101916529	0.120550378	0.000214569	0.120764947	0.623376052
578825.014141876.41	578825	4141876	0.361050079	0.001342343	0.3623924	0.101915877	0.000142144	0.102058021	0.106202106	0.000222722	0.106424828	0.57087527
578845.014141876.41	578845	4141876	0.326171696	0.001376717	0.3275484	0.099096096	0.000145784	0.09924188	0.091748244	0.000228425	0.09197667	0.518766963
578865.014141876.41	578865	4141876	0.294693936	0.00139455	0.2960885	0.093432503	0.000147673	0.093580175	0.078578066	0.000231384	0.07880945	0.468478111
578885.014141876.41	578885	4141876	0.26641183	0.001401086	0.2678129	0.085830647	0.000148365	0.085979011	0.067540692	0.000232469	0.06777316	0.421565087
578905.014141876.41	578905	4141876	0.241047166	0.00140009	0.2424473	0.077122352	0.000148259	0.077270612	0.058460665	0.000232304	0.058692968	0.378410836
578925.014141876.41	578925	4141876	0.21860624	0.001389654	0.2199959	0.068399143	0.000147154	0.068546297	0.050854128	0.000230572	0.0510847	0.339626892
578945.014141876.41	578945	4141876	0.19875616	0.001377954	0.2001341	0.060366305	0.000145915	0.06051222	0.044486522	0.000228631	0.044715152	0.305361487
578965.014141876.41	578965	4141876	0.181329085	0.001363376	0.1826925	0.053338945	0.000144372	0.053483316	0.03906888	0.000226212	0.039295092	0.275470869
578985.014141876.41	578985	4141876	0.166072726	0.001347857	0.1674206	0.047327711	0.000142728	0.047470439	0.034463762	0.000223637	0.034687399	0.24957842
579005.014141876.41	579005	4141876	0.152770955	0.001332283	0.1541032	0.042214946	0.000141079	0.042356025	0.030595988	0.000221053	0.030817041	0.227276305
579025.014141876.41	579025	4141876	0.141171367	0.001318216	0.1424896	0.037807586	0.000139589	0.037947175	0.027382067	0.000218719	0.027600786	0.208037544
579045.014141876.41	579045	4141876	0.13103271	0.001307323	0.13234	0.03394097	0.000138436	0.034079406	0.024726953	0.000216912	0.024943864	0.191363303
579065.014141876.41	579065	4141876	0.122161248	0.001301298	0.1234625	0.030517858	0.000137798	0.030655656	0.022536927	0.000215912	0.022752838	0.17687104
579085.014141876.41	579085	4141876	0.1143986	0.001301594	0.1157002	0.027489215	0.000137829	0.027627044	0.02072686	0.000215961	0.020942821	0.16427006
579105.014141876.41	579105	4141876	0.1076321	0.0013077	0.1089398	0.024836639	0.000138476	0.024975115	0.019229597	0.000216974	0.019446571	0.153361486
579125.014141876.41	579125	4141876	0.101683993	0.001322816	0.1030068	0.022520997	0.000140077	0.022661073	0.01797012	0.000219482	0.018189602	0.143857483
579145.014141876.41	579145	4141876	0.096424986	0.001349228	0.0977742	0.020516715	0.000142873	0.020659588	0.016898759	0.000223864	0.017122624	0.135556427
579165.014141876.41	579165	4141876	0.091765936	0.001387825	0.0931538	0.018793447	0.000146961	0.018940408	0.015974012	0.000230269	0.016204281	0.12829845
579185.014141876.41	579185	4141876	0.08764888	0.001436025	0.0890849	0.017326539	0.000152065	0.017478603	0.015169884	0.000238266	0.01540815	0.121971658
579205.014141876.41	579205	4141876	0.083949839	0.001500792	0.0854506	0.016069302	0.000158923	0.016228224	0.014452667	0.000249012	0.014701679	0.116380535
579225.014141876.41	579225	4141876	0.080601389	0.001585813	0.0821872	0.014990156	0.000167926	0.015158082	0.013807047	0.000263119	0.014070166	0.111415451
579245.014141876.41	579245	4141876	0.077585262	0.001688048	0.0792733	0.014066756	0.000178752	0.014245508	0.013218277	0.000280082	0.013498359	0.107017177
579265.014141876.41	579265	4141876	0.074828477	0.001813361	0.0766418	0.013266761	0.000192022	0.013458783	0.012660395	0.000300874	0.012961268	0.103061888
579285.014141876.41	579285	4141876	0.072259073	0.00200484	0.0742639	0.012569185	0.000212298	0.012781483	0.012168843	0.000332644	0.012501487	0.099546883
579305.014141876.41	579305	4141876	0.069907618	0.002232038	0.0721397	0.011958822	0.000236357	0.012195178	0.011695409	0.000370341	0.012065749	0.096400583
579325.014141876.41	579325	4141876	0.067705445	0.002488392	0.0701938	0.011383696	0.000263503	0.011647199	0.01119987	0.000412875	0.011612745	0.093453781
579345.014141876.41	579345	4141876	0.065671798	0.002935149	0.0686069	0.010936197	0.000310811	0.011247008	0.010825988	0.000487001	0.011312989	0.091166944
578545.014141896.41	578545	4141896	0.548645252	0.000435192	0.5490804	0.027440616	4.60836E-05	0.0274867	0.043544032	7.22071E-05	0.043616239	0.620183382
578565.014141896.41	578565	4141896	0.57503133	0.000476747	0.5755081	0.031034657	5.04841E-05	0.031085141	0.050530427	7.91021E-05	0.050609529	0.657202747
578585.014141896.41	578585	4141896	0.594947667	0.000522687	0.5954704	0.035104807	5.53488E-05	0.035160155	0.058514982	8.67244E-05	0.058601706	0.689232216
578605.014141896.41	578605	4141896	0.607063869	0.000573468	0.6076373	0.039701709	6.07261E-05	0.039762435	0.06751572	9.51501E-05	0.06761087	0.715010642
578625.014141896.41	578625	4141896	0.609664167	0.000628096	0.6102923	0.044775548	6.65108E-05	0.044842059	0.077281387	0.000104214	0.077385601	0.732519923
578645.014141896.41	578645	4141896	0.602690246	0.000686946	0.6033772	0.050348298	7.27426E-05	0.050421041	0.087568672	0.000113978	0.087682651	0.741480884
578665.014141896.41	578665	4141896	0.586563241	0.00075002	0.5873133	0.056406436	7.94216E-05	0.056485858	0.097933378	0.000124444	0.098057821	0.74185694
578685.014141896.41	578685	4141896	0.562106279	0.000815756	0.562922	0.062761357	8.63826E-05	0.06284774	0.107446834	0.00013535	0.107582185	0.733351959
578705.014141896.41	578705	4141896	0.530901362	0.000882379	0.5317837	0.069154128	9.34375E-05	0.069247565	0.114949506	0.000146405	0.115095911	0.716127217
578725.014141896.41	578725	4141896	0.495413036	0.000949863	0.4963629	0.075413548	0.000100584	0.075514132	0.119572246	0.000157602	0.119729848	0.691606879
578745.014141896.41	578745	4141896	0.457643243	0.001015707	0.458659	0.081097829	0.000107556	0.081205385	0.120254063	0.000168526	0.120422589	0.660286925
578765.014141896.41	578765	4141896	0.419537092	0.001077005	0.4206141	0.085686946	0.000114047	0.085800993	0.116471328	0.000178697	0.116650025	0.623065116
578785.014141896.41	578785	4141896	0.382680731	0.001131982	0.3838127	0.088734859	0.000119869	0.088854727	0.108750175	0.000187819	0.108937993	0.581605434
578805.014141896.41	578805	4141896	0.348090183	0.001177303	0.3492675	0.08972883	0.000124668	0.089853498	0.098178781	0.000195339	0.09837412	0.537495105
578825.014141896.41	578825	4141896	0.316277085	0.001211812	0.3174889	0.088448982	0.000128322	0.088577305	0.086525292	0.000201064	0.086726356	0.492792557

579085.014141816.41	579085	4141816	0.005405156	0.0005577	0.0054223	0.0020092	0.0039505	0.0013414	0.005422253	579085	4141816
579105.014141816.41	579105	4141816	0.005055588	0.000523	0.0048529	0.0018146	0.0036739	0.0012456	0.005055588	579105	4141816
579125.014141816.41	579125	4141816	0.004753939	0.0004931	0.004377	0.0016521	0.003439	0.001164	0.004753939	579125	4141816
579145.014141816.41	579145	4141816	0.004492275	0.0004669	0.0039806	0.001517	0.0032352	0.001093	0.004492275	579145	4141816
579165.014141816.41	579165	4141816	0.004264493	0.0004439	0.0036517	0.0014053	0.0030552	0.0010299	0.004264493	579165	4141816
579185.014141816.41	579185	4141816	0.004065817	0.0004235	0.0033781	0.0013126	0.0028934	0.0009728	0.004065817	579185	4141816
579205.014141816.41	579205	4141816	0.003892679	0.0004053	0.0031508	0.0012359	0.002747	0.0009206	0.003892679	579205	4141816
579225.014141816.41	579225	4141816	0.003740706	0.0003888	0.0029589	0.0011712	0.0026135	0.0008724	0.003740706	579225	4141816
579245.014141816.41	579245	4141816	0.00360657	0.0003738	0.0027956	0.0011159	0.0024854	0.0008259	0.00360657	579245	4141816
579265.014141816.41	579265	4141816	0.003483306	0.0003599	0.002647	0.0010641	0.0023632	0.0007806	0.003483306	579265	4141816
579285.014141816.41	579285	4141816	0.003390595	0.000347	0.0025308	0.0010248	0.002268	0.0007433	0.003390595	579285	4141816
579305.014141816.41	579305	4141816	0.003318157	0.000335	0.0024327	0.000991	0.0021886	0.0007098	0.003318157	579305	4141816
579325.014141816.41	579325	4141816	0.003257099	0.0003237	0.0023399	0.0009566	0.002104	0.0006735	0.003257099	579325	4141816
579345.014141816.41	579345	4141816	0.003225403	0.000313	0.0022636	0.0009263	0.0020396	0.000641	0.003225403	579345	4141816
578565.014141836.41	578565	4141836	0.019214977	0.002611	0.0057279	0.0014122	0.0051832	0.0017955	0.019214977	578565	4141836
578585.014141836.41	578585	4141836	0.021176862	0.0027923	0.0063852	0.0015841	0.0062183	0.0021548	0.021176862	578585	4141836
578605.014141836.41	578605	4141836	0.023182806	0.0029515	0.0071505	0.0017961	0.0075469	0.0026162	0.023182806	578605	4141836
578625.014141836.41	578625	4141836	0.024972723	0.0030567	0.0079758	0.0020402	0.0091405	0.0031698	0.024972723	578625	4141836
578645.014141836.41	578645	4141836	0.026453248	0.003102	0.0088914	0.0023246	0.0110517	0.0038337	0.026453248	578645	4141836
578665.014141836.41	578665	4141836	0.027559346	0.0030886	0.0099434	0.0026614	0.0133405	0.004629	0.027559346	578665	4141836
578685.014141836.41	578685	4141836	0.028087472	0.0030103	0.0111107	0.0030467	0.0159248	0.0055269	0.028087472	578685	4141836
578705.014141836.41	578705	4141836	0.027969242	0.0028786	0.0123956	0.0034833	0.0186943	0.0064892	0.027969242	578705	4141836
578725.014141836.41	578725	4141836	0.02722274	0.0027094	0.0137834	0.0039726	0.0214388	0.0074426	0.02722274	578725	4141836
578765.014141836.41	578765	4141836	0.024007595	0.002323	0.0165043	0.005017	0.0250206	0.008685	0.025020603	578765	4141836
578785.014141836.41	578785	4141836	0.021905779	0.0021302	0.0176268	0.005508	0.0249888	0.0086715	0.024988806	578785	4141836
578805.014141836.41	578805	4141836	0.019753324	0.0019446	0.0184327	0.005916	0.0235495	0.0081681	0.023549491	578805	4141836
578825.014141836.41	578825	4141836	0.017676626	0.001766	0.0187883	0.0061772	0.021014	0.0072833	0.021013961	578825	4141836
578845.014141836.41	578845	4141836	0.015763574	0.0015955	0.0186163	0.0062457	0.0180376	0.0062454	0.018616349	578845	4141836
578865.014141836.41	578865	4141836	0.014035529	0.001432	0.0178709	0.0061098	0.015256	0.0052757	0.017870876	578865	4141836
578885.014141836.41	578885	4141836	0.012475592	0.0012837	0.0165566	0.0057356	0.0126751	0.0043767	0.016556608	578885	4141836
578905.014141836.41	578905	4141836	0.011101679	0.0011485	0.0148782	0.0052167	0.0106155	0.0036596	0.014878212	578905	4141836
578925.014141836.41	578925	4141836	0.009916495	0.0010283	0.0130851	0.004638	0.0089809	0.0030909	0.013085066	578925	4141836
578945.014141836.41	578945	4141836	0.008907849	0.0009237	0.0113923	0.004074	0.0076655	0.0026334	0.011392316	578945	4141836
578965.014141836.41	578965	4141836	0.008048631	0.0008335	0.0099112	0.003569	0.0065998	0.002263	0.009911209	578965	4141836
578985.014141836.41	578985	4141836	0.007311251	0.0007562	0.0086635	0.0031374	0.005734	0.0019624	0.008663501	578985	4141836
579005.014141836.41	579005	4141836	0.006675409	0.00069	0.0076223	0.0027752	0.0050359	0.0017201	0.00762229	579005	4141836
579025.014141836.41	579025	4141836	0.00612397	0.0006332	0.0067431	0.0024709	0.0044782	0.0015267	0.006743108	579025	4141836
579045.014141836.41	579045	4141836	0.005646349	0.0005844	0.0059909	0.0022124	0.0040341	0.0013728	0.005990944	579045	4141836
579065.014141836.41	579065	4141836	0.005232633	0.0005424	0.0053416	0.0019905	0.0036785	0.0012496	0.00534157	579065	4141836
579085.014141836.41	579085	4141836	0.004874429	0.0005061	0.004781	0.0017995	0.003391	0.0011498	0.004874429	579085	4141836
579105.014141836.41	579105	4141836	0.004565413	0.0004748	0.0043027	0.0016366	0.0031544	0.0010677	0.004565413	579105	4141836
579125.014141836.41	579125	4141836	0.004297972	0.0004478	0.0038968	0.0014983	0.0029559	0.0009986	0.004297972	579125	4141836
579145.014141836.41	579145	4141836	0.004065413	0.000424	0.0035537	0.0013815	0.0027859	0.0009391	0.004065413	579145	4141836
579165.014141836.41	579165	4141836	0.00386318	0.0004031	0.0032656	0.0012837	0.0026377	0.000887	0.00386318	579165	4141836
579185.014141836.41	579185	4141836	0.003687034	0.0003847	0.0030242	0.0012018	0.0025064	0.0008403	0.003687034	579185	4141836
579205.014141836.41	579205	4141836	0.003533571	0.0003683	0.0028216	0.0011332	0.002389	0.0007982	0.003533571	579205	4141836
579225.014141836.41	579225	4141836	0.003399786	0.0003534	0.0026503	0.0010752	0.0022826	0.0007595	0.003399786	579225	4141836
579245.014141836.41	579245	4141836	0.003283189	0.0003399	0.002505	0.0010258	0.0021854	0.0007235	0.003283189	579245	4141836
579265.014141836.41	579265	4141836	0.003177685	0.0003277	0.0023753	0.0009807	0.0020862	0.0006864	0.003177685	579265	4141836
579285.014141836.41	579285	4141836	0.003094371	0.0003162	0.0022692	0.0009442	0.0020083	0.0006555	0.003094371	579285	4141836
579305.014141836.41	579305	4141836	0.003030366	0.0003056	0.002181	0.0009133	0.0019425	0.0006274	0.003030366	579305	4141836
579325.014141836.41	579325	4141836	0.002978778	0.0002956	0.0020994	0.0008827	0.0018776	0.0005983	0.002978778	579325	4141836
579345.014141836.41	579345	4141836	0.002968082	0.0002862	0.0020411	0.0008587	0.0018403	0.0005744	0.002968082	579345	4141836
578565.014141856.41	578565	4141856	0.018534908	0.0024497	0.0058026	0.0014917	0.0055927	0.0019379	0.018534908	578565	4141856
578585.014141856.41	578585	4141856	0.020155964	0.0025849	0.0064454	0.0016704	0.0066524	0.0023059	0.020155964	578585	4141856
578605.014141856.41	578605	4141856	0.02167882	0.0026873	0.0071589	0.00188	0.0079322	0.0027504	0.02167882	578605	4141856
578625.014141856.41	578625	4141856	0.022987809	0.0027448	0.007942	0.0021221	0.0094439	0.0032754	0.022987809	578625	4141856
578645.014141856.41	578645	4141856	0.023978149	0.0027523	0.0088052	0.0023996	0.0111891	0.0038817	0.023978149	578645	4141856
578665.014141856.41	578665	4141856	0.024565639	0.0027084	0.0097591	0.0027165	0.0131513	0.0045634	0.024565639	578665	4141856
578685.014141856.41	578685	4141856	0.024656832	0.0026169	0.0107943	0.0030707	0.0152404	0.0052891	0.024656832	578685	4141856
578705.014141856.41	578705	4141856	0.024231583	0.0024874	0.0118973	0.0034607	0.0173154	0.0060098	0.024231583	578705	4141856
578725.014141856.41	578725	4141856	0.023314056	0.0023329	0.0130296	0.003878	0.0191467	0.0066455	0.023314056	578725	4141856
578745.014141856.41	578745	4141856	0.021956455	0.002166	0.0141097	0.0042995	0.020396	0.0070785	0.021956455	578745	4141856
578765.014141856.41	578765	4141856	0.020318213	0.0019976	0.0150657	0.004703	0.0208011	0.0072176	0.020801096	578765	4141856
578785.014141856.41	578785	4141856	0.018547264	0.0018336	0.015801	0.0050518	0.0202003	0.0070066	0.020200339	578785	4141856
578805.014141856.41	578805	4141856	0.016765045	0.0016761	0.0162123	0.0053002	0.0186486	0.0064646	0.018648614	578805	4141856
578825.014141856.41	578825	4141856	0.015062231	0.0015254	0.0162107	0.0054048	0.0164679	0.005704	0.016467927	578825	4141856
578845.014141856.41	578845	4141856	0.013532219	0.0013823	0.0158216	0.0053726	0.0142444	0.0049287	0.015821597	578845	4141856
578865.014141856.41	578865	4141856	0.012113318	0.0012475	0.0149514	0.0051541	0.0121063	0.0041836	0.014951398	578865	4141856
578885.014141856.41	578885	4141856	0.010848749	0.0011248	0.0137316	0.004791	0.0102209	0.003527	0.013731649	578885	4141856
578905.014141856.41	578905	4141856	0.00973037	0.0010128	0.0123096	0.004345	0.0087254	0.0030063	0.012309608	578905	4141856
578925.014141856.41	578925	4141856	0.008758971	0.0009133	0.0108669	0.0038752	0.0074953	0.0025783	0.010866897	578925	4141856
578945.014141856.41	578945	4141856	0.007917767	0.0008256	0.0095318	0.0034302	0.0064856	0.0022272	0.009531809	578945	4141856
578965.014141856.41	578965	4141856	0.007191204	0.0007491	0.0083723	0.0030363	0.0056456	0.0019352	0.008372274	578965	4141856
578985.014141856.41	578985	4141856	0.006562037	0.000683	0.0073962	0.002701	0.0049481	0.0016928	0.007396188	578985	4141856
579005.014141856.41	579005	4141856	0.006012983	0.0006257	0.0065722	0.0024172	0.0043723	0.0014928	0.006572175	579005	4141856
579025.014141856.41	579025	4141856	0.005532654	0.0005758	0.0058663	0.0021752	0.0039023	0.0013297	0.005866257	579025	4141856
579045.014141856.41	579045	4141856	0.00511379	0.0005327	0.0052546	0.0019667	0.003521	0.0011973	0.005254599	579045	4141856
579065.014141856.41	579065	4141856	0.004748341	0.0004951	0.0047186	0.0017848	0.0032119	0.00109	0.004748341	579065	4141856
579085.014141856.41	579085	4141856	0.004430309	0.0004625	0.0042502	0.001626	0.0029595	0.0010023	0.004430309	579085	4141856
579105.014141856.41	579105	4141856	0.004154451	0.0004342	0.0038449	0.0014885	0.0027523	0.0009302	0.004154451	579105	4141856
579125.014141856.41	579125	4141856	0.003914785	0.0004095	0.0034964	0.0013702	0.0025791	0.0008697	0.003914785	579125	4141856
579145.014141856.41	579145	4141856	0.003705855	0.0003878	0.0031981	0.0012689	0.0024319	0.000818	0.003705855	579145	4141856
579165.014141856.41	579165	4141856	0.003524128	0.0003687	0.0029447	0.0011829	0.0023053	0.0007733	0.003524128	579165	4141856
579185.014141856.41	579185	4141856	0.003366194	0.0003519	0.0027309	0.0011103	0.0021948	0.0007339	0.003366194	579185	4141856
579205.014141856.41	579205	4141856	0.003228309	0.0003368	0.0025494	0.0010487	0.0020968	0.0006985	0.003228309	579205	4141856
579225.014141856.41	579225	4141856	0.003108536	0.0003233	0.002395	0.0009963	0.0020091	0.0006662	0.003108536	579225	4141856
579245.014141856.41	579245	4141856	0.003004585	0.0003111	0.002264	0.0009516	0.0019299	0.0006366	0.003004585	579245	4141856
579265.014141856.41	579265	4141856	0.002914287	0.0002999	0.0021506	0.0009126	0.0018539	0.0006075	0.002914287	579265	4141856
579285.014141856.41	579285	4141856	0.002843874	0.0002896	0.0020557	0.0008795	0.0017957	0.0005832	0.002843874	579285	4141856
579305.014141856.41	579305	4141856	0.002786609	0.00028	0.0019738	0.0008501	0.0017398	0.0005588	0.002786609	579305	4141856
579325.014141856.41	579325	4141856	0.002736115	0.0002712	0.0018985	0.0008217	0.0016812	0.0005332	0.002736115	579325	4141856
579345.014141856.41	579345	4141856	0.00272691	0.0002629	0.0018472	0.0008007	0.001654	0.0005142	0.00272691	579345	4141856
578545.014141876.41	578545	4141876	0.016301849	0.0021583	0.0052711	0.0014024	0.0050238	0.0017406	0.016301849	578545	4141876
578565.014141876.41	578565	4141876	0.017691702	0.0022813	0.0058416	0.0015599	0.0059096	0.0020481	0.017691702	578565	4141876
578585.014141876.41	578585	4141876	0.018978719	0.0023759	0.0064539	0.001739	0.0069422	0.0024067	0.018978719	578585	4141876
578605.014141876.41	578605	4141876	0.020119189	0.0024381	0.0071238	0.0019448	0.0081468	0.002825	0.020119189	578605	4141876
578625.014141876.41	578625	4141876	0.021027772	0.002461	0.0078531	0.0021786	0.0095205	0.0033022	0.021027772	578625	4141876
578645.014141876.41	578645	4141876	0.021629401	0.0024416	0.0086454	0.002442	0.0110442	0.0038314	0.021629401	578645	4141876
578665.014141876.41	578665	4141876	0.02185586	0.002381	0.0094973	0.0027344	0.0126639	0.004394	0.02185586	578665	4141876
578685.014141876.41	578685	4141876	0.021665482	0.0022848	0.010395	0.0030524	0.0142797	0.004955	0.021665482	578685	4141876
578705.014141876.41	578705	4141876	0.021067203	0.0021617	0.0113153	0.0033909	0.0157522	0.0054662	0.021067203	578705	4141876
578725.014141876.41	578725	4141876	0.020080177	0.0020221	0.0122037	0.0037335	0.0168624	0.0058511	0.020080177	578725	4141876
578745.014141876.41	578745	4141876	0.01880547	0.0018761	0.0130073	0.0040641	0.0174188	0.0060433	0.01880547	578745	4141876
578765.014141876.41	578765	4141876	0.017359634	0.001731	0.013658	0.0043586	0.0172766	0.0059922	0.017359634	578765	4141876
578785.014141876.41	578785	4141876	0.015856884	0.0015907	0.0140843	0.0045883	0.016415	0.0056908	0.016415016	578785	4141876
578805.014141876.41	578805	4141876	0.014383738	0.0014567	0.0142186	0.0047217	0.0149695	0.0051863	0.014969484	578805	4141876
578825.014141876.41	578825	4141876	0.012996637	0.0013294	0.0140158	0.0047347	0.0132088	0.0045723	0.014015793	578825	4141876
578845.014141876.41	578845	4141876	0.011720646	0.0012093	0.013467	0.0046184	0.0114238	0.0039501	0.013467001	578845	4141876
578865.014141876.41	578865	4141876	0.01056147	0.0010974	0.0125972	0.0043762	0.0097895	0.0033807	0.012597196	578865	4141876
578885.014141876.41	578885	4141876	0.009525017	0.0009944	0.0115117	0.0040483	0.0084187	0.0029033	0.011511697	578885	4141876
578905.014141876.41	578905	4141876	0.008603864	0.0009009	0.0103184	0.0036695	0.0072919	0.002511	0.010318353	578905	4141876
578925.014141876.41	578925	4141876	0.0077974	0.0008175	0.0091513	0.0032873	0.0063474	0.0021824	0.009151293	578925	4141876
578945.014141876.41	578945	4141876	0.007091313	0.0007434	0.0080906	0.0029338	0.0055585	0.0019079	0.008090624	578945	4141876
578965.014141876.41	578965	4141876	0.006472823	0.000678	0.0071717	0.0026232	0.0048876	0.0016747	0.007171688	578965	4141876
578985.014141876.41	578985	4141876	0.00592923	0.0006206	0.0063901	0.0023568	0.0043175	0.0014765	0.006390067	578985	4141876
579005.014141876.41	579005	4141876	0.005451743	0.0005705	0.0057259	0.0021302	0.0038387	0.0013101	0.005725932	579005	4141876
579025.014141876.41	579025	4141876	0.005031759	0.0005267	0.0051523	0.0019352	0.0034409	0.0011718	0.005152273	579025	4141876
579045.014141876.41	579045	4141876	0.004662125	0.0004883	0.0046478	0.0017646	0.0031126	0.0010577	0.004662125	579045	4141876
579065.014141876.41	579065	4141876	0.004337529	0.0004546	0.0042007	0.0016139	0.0028421	0.0009637	0.004337529	579065	4141876
579085.014141876.41	579085	4141876	0.004053099	0.0004251	0.0038055	0.0014807	0.0026191	0.000886	0.004053099	579085	4141876
579105.014141876.41	579105	4141876	0.003805651	0.0003994	0.00346	0.001364	0.002435	0.0008218	0.003805651	579105	4141876
579125.014141876.41	579125	4141876	0.003589321	0.0003769	0.0031587	0.0012621	0.0022808	0.0007678	0.003589321	579125	4141876
579145.014141876.41	579145	4141876	0.003400252	0.0003569	0.0028981	0.0011739	0.0021505	0.0007219	0.003400252	579145	4141876
579165.014141876.41	579165	4141876	0.003235414	0.0003393	0.0026741	0.001098	0.002039	0.0006823	0.003235414	579165	4141876
579185.014141876.41	579185	4141876	0.003092023	0.0003239	0.0024837	0.0010334	0.0019428	0.0006479	0.003092023	579185	4141876
579205.014141876.41	579205	4141876	0.002967009	0.00031	0.0023205	0.000978	0.0018583	0.0006172	0.002967009	579205	4141876
579225.014141876.41	579225	4141876	0.002858496	0.0002975	0.0021809	0.0009305	0.0017838	0.0005896	0.002858496	579225	4141876
579245.014141876.41	579245	4141876	0.00276461	0.0002863	0.0020618	0.0008898	0.0017172	0.0005643	0.00276461	579245	4141876
579265.014141876.41	579265	4141876	0.002683898	0.0002761	0.0019595	0.0008546	0.0016555	0.0005404	0.002683898	579265	4141876
579285.014141876.41	579285	4141876	0.002620368	0.0002666	0.0018723	0.0008239	0.0016061	0.0005194	0.002620368	579285	4141876
579305.014141876.41	579305	4141876	0.00256958	0.0002579	0.001798	0.000797	0.0015608	0.0004991	0.00256958	579305	4141876
579325.014141876.41	579325	4141876	0.00252695	0.00025	0.0017306	0.0007715	0.0015138	0.0004776	0.00252695	579325	4141876
579345.014141876.41	579345	4141876	0.002520328	0.0002424	0.0016839	0.000752	0.0014939	0.0004618	0.002520328	579345	4141876
578545.014141896.41	578545	4141896	0.015624031	0.0020231	0.0053055	0.0014587	0.0052686	0.0018258	0.015624031	578545	4141896
578565.014141896.41	578565	4141896	0.016739873	0.0021119	0.0058424	0.0016146	0.0061216	0.0021219	0.016739873	578565	4141896
578585.014141896.41	578585	4141896	0.01774185	0.0021753	0.0064221	0.0017912	0.0070992	0.0024614	0.01774185	578585	4141896
578605.014141896.41	578605	4141896	0.018578449	0.0022084	0.0070496	0.001991	0.0082049	0.0028453	0.018578449	578605	4141896
578625.014141896.41	578625	4141896	0.019164556	0.0022059	0.0077156	0.0022118	0.0094091	0.0032635	0.019164556	578625	4141896
578645.014141896.41	578645	4141896	0.01946102	0.0021686	0.0084237	0.0024547	0.0106831	0.0037059	0.01946102	578645	4141896
578665.014141896.41	578665	4141896	0.01944166	0.0020993	0.0091702	0.0027193	0.0119735	0.0041539	0.01944166	578665	4141896
578685.014141896.41	578685	4141896	0.019074598	0.0020033	0.0099275	0.0029977	0.0131668	0.0045681	0.019074598	578685	4141896
578705.014141896.41	578705	4141896	0.018364037	0.0018887	0.010662	0.0032782	0.014119	0.0048983	0.018364037	578705	4141896
578725.014141896.41	578725	4141896	0.017397138	0.0017639	0.011344	0.0035541	0.0147224	0.0051071	0.017397138	578725	4141896
578745.014141896.41	578745	4141896	0.016239243	0.0016361	0.0119187	0.0038059	0.0148426	0.0051476	0.016239243	578745	4141896
578765.014141896.41	578765	4141896	0.014973394	0.0015107	0.012328	0.0040106	0.0144086	0.0049953	0.014973394	578765	4141896
578785.014141896.41	578785	4141896	0.013693781	0.0013903	0.0125253	0.0041489	0.0134822	0.0046716	0.013693781	578785	4141896
578805.014141896.41	578805	4141896	0.012459604	0.001276	0.0124645	0.0041978	0.0121929	0.0042218	0.012464501	578805	4141896
578825.014141896.41	578825	4141896	0.011308086	0.001168	0.0121303	0.0041477	0.0107602	0.0037223	0.012130306	578825	4141896



Cubberley Community Center Master Plan

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

Maximum Non-cancer Chronic Hazards / Toxicological Endpoints*

Receptor Group	Pollutant	CREL[1]	CONC	WFrac	$CONC_{WF}$	HI		ALIM	BN	CVS	DEV	ENDC	EYE	HEM	IMMUN	KIDN	NS	REPRO	RESP	SK
Project:																				
MEI - Max	DPM	5.00E+00	5.76E-01	1.00E+00	5.76E-01	0.115		-	-	-	-	-	-	-	-	-	-	-	1.15E-01	-
Cumulative Receptor #1	DPM	5.00E+00	2.30E-02	1.00E+00	2.30E-02	0.005	**Total Risk**				-			-				-		
Cumulative Receptor #2	DPM	5.00E+00	8.10E-02	1.00E+00	8.10E-02	0.016	**Threshold**				1.00			1.00				1.00	1.00	
							Over?				NO			NO				NO	NO	

Notes:

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

Source: ESA, 2020

Where:

$CONC_{WF}$	Pollutant Concentration ($\mu g/m^3$) multiplied by the weight fraction
CREL	Chronic Reference Exposure Level
HI	Hazard Index
MEI	Maximally Exposed Individual
WFrac	Weight fraction of speciated component

* Key to Toxicological Endpoints

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

			Phase I					
XY	X	Y	Demolition	Grading	New Building Construction	Renovation Building Construction	Paving	Architectural Coating
578385.014141176.4	578385	4141176	0.10182	0.0684	0.06907	0.03691	0.08655	0.05362
578405.014141176.4	578405	4141176	0.11345	0.07755	0.07836	0.04032	0.09922	0.06007
578425.014141176.4	578425	4141176	0.12743	0.0887	0.08974	0.04433	0.11482	0.06787
578445.014141176.4	578445	4141176	0.14545	0.10247	0.10582	0.05012	0.13673	0.0774
578465.014141176.4	578465	4141176	0.16489	0.11841	0.12259	0.05441	0.15972	0.08833
578485.014141176.4	578485	4141176	0.18862	0.13811	0.14336	0.06075	0.18805	0.10174
578505.014141176.4	578505	4141176	0.22094	0.16283	0.16948	0.06981	0.22345	0.11847
578525.014141176.4	578525	4141176	0.25606	0.19232	0.20106	0.07886	0.26595	0.13829
578545.014141176.4	578545	4141176	0.29935	0.23259	0.24071	0.08979	0.31884	0.16563
578565.014141176.4	578565	4141176	0.35028	0.27644	0.2882	0.10239	0.38172	0.19176
578585.014141176.4	578585	4141176	0.41277	0.33062	0.34747	0.1176	0.45962	0.23083
578605.014141176.4	578605	4141176	0.48837	0.39667	0.42039	0.13567	0.5549	0.2745
578625.014141176.4	578625	4141176	0.5783	0.47591	0.50856	0.1568	0.66955	0.32162
578645.014141176.4	578645	4141176	0.68777	0.56392	0.61761	0.1821	0.81069	0.38407
578665.014141176.4	578665	4141176	0.8248	0.69552	0.75629	0.21325	0.98899	0.46278
578685.014141176.4	578685	4141176	0.99699	0.84966	0.93302	0.2517	1.21349	0.57108
578705.014141176.4	578705	4141176	1.20397	1.03413	1.14736	0.29712	1.48004	0.6912
578725.014141176.4	578725	4141176	1.45679	1.25598	1.40927	0.35178	1.79532	0.83584
578745.014141176.4	578745	4141176	1.76934	1.522	1.72922	0.41874	2.16272	1.01019
578765.014141176.4	578765	4141176	2.13959	1.82273	2.0971	0.49797	2.55891	1.20954
578785.014141176.4	578785	4141176	2.58713	2.16251	2.51986	0.59498	2.97764	1.43923
578805.014141176.4	578805	4141176	3.1132	2.52753	2.97966	0.71257	3.38529	1.69401
578825.014141176.4	578825	4141176	3.72529	2.90619	3.459	0.85702	3.75146	1.97174
578845.014141176.4	578845	4141176	4.4141	3.27485	3.92229	1.03353	4.03587	2.26352
578865.014141176.4	578865	4141176	5.12558	3.58824	4.30626	1.23791	4.18936	2.54372
578885.014141176.4	578885	4141176	5.8611	3.84121	4.59712	1.48245	4.21641	2.8157
578905.014141176.4	578905	4141176	6.57538	4.00992	4.76054	1.76796	4.11691	3.06553
578925.014141176.4	578925	4141176	7.23841	4.08831	4.78744	2.09922	3.91622	3.28891
578945.014141176.4	578945	4141176	7.81783	4.07738	4.68237	2.4783	3.64765	3.48208
578965.014141176.4	578965	4141176	8.24705	3.97115	4.44943	2.88478	3.33297	3.62583
578985.014141176.4	578985	4141176	8.5056	3.78845	4.12277	3.30615	3.00432	3.71951
579005.014141176.4	579005	4141176	8.55989	3.54272	3.73224	3.70866	2.67893	3.75245
579025.014141176.4	579025	4141176	8.43036	3.26575	3.32519	4.071	2.3798	3.73384
579045.014141176.4	579045	4141176	8.11666	2.97269	2.92755	4.34494	2.11036	3.65592
579065.014141176.4	579065	4141176	7.63439	2.67473	2.55508	4.4845	1.86895	3.51219
579085.014141176.4	579085	4141176	7.01475	2.37951	2.21424	4.46268	1.65159	3.30187
579105.014141176.4	579105	4141176	6.32265	2.10113	1.91472	4.29353	1.45999	3.04401
579125.014141176.4	579125	4141176	5.61049	1.8458	1.65628	4.00761	1.29198	2.75727
579145.014141176.4	579145	4141176	4.91873	1.61604	1.43509	3.64594	1.14477	2.46034
579165.014141176.4	579165	4141176	4.27	1.41083	1.24509	3.24602	1.01489	2.16712
579185.014141176.4	579185	4141176	3.70326	1.23633	1.08814	2.85687	0.90459	1.90046
579205.014141176.4	579205	4141176	3.20107	1.08372	0.95361	2.48613	0.80748	1.65663
579225.014141176.4	579225	4141176	2.77165	0.95345	0.84036	2.15336	0.72357	1.44301
578385.014141196.4	578385	4141196	0.10048	0.06726	0.06785	0.03661	0.08506	0.05287
578405.014141196.4	578405	4141196	0.11179	0.07621	0.07689	0.03992	0.09753	0.05917
578425.014141196.4	578425	4141196	0.12548	0.08721	0.08804	0.04385	0.11299	0.06683
578445.014141196.4	578445	4141196	0.14162	0.10043	0.1035	0.04836	0.13437	0.07594
578465.014141196.4	578465	4141196	0.16223	0.11663	0.12035	0.05367	0.15785	0.08701
578485.014141196.4	578485	4141196	0.18595	0.13661	0.14123	0.06119	0.18687	0.10054
578505.014141196.4	578505	4141196	0.2147	0.16114	0.16706	0.06875	0.22262	0.11702
578525.014141196.4	578525	4141196	0.25322	0.19169	0.19945	0.07781	0.26717	0.13739
578545.014141196.4	578545	4141196	0.29653	0.23286	0.23969	0.08856	0.32207	0.16508
578565.014141196.4	578565	4141196	0.34936	0.2794	0.2898	0.10139	0.38988	0.19579
578585.014141196.4	578585	4141196	0.41342	0.33637	0.35182	0.11661	0.47314	0.2332
578605.014141196.4	578605	4141196	0.49051	0.40557	0.42788	0.13455	0.57455	0.27841
578625.014141196.4	578625	4141196	0.58474	0.48357	0.5226	0.15605	0.70014	0.32865
578645.014141196.4	578645	4141196	0.70382	0.5997	0.64456	0.18274	0.86098	0.40445
578665.014141196.4	578665	4141196	0.85384	0.73778	0.80114	0.21571	1.06593	0.49357
578685.014141196.4	578685	4141196	1.03468	0.90492	0.99287	0.25459	1.31358	0.60111
578705.014141196.4	578705	4141196	1.25821	1.1107	1.2324	0.30172	1.61629	0.73328
578725.014141196.4	578725	4141196	1.53503	1.36156	1.5296	0.35909	1.97923	0.89455
578745.014141196.4	578745	4141196	1.87875	1.66327	1.89433	0.42948	2.40288	1.08947
578765.014141196.4	578765	4141196	2.30351	2.01735	2.33136	0.51628	2.87668	1.3208
578785.014141196.4	578785	4141196	2.80771	2.40801	2.82212	0.6205	3.36217	1.58125
578805.014141196.4	578805	4141196	3.41166	2.83224	3.36255	0.74944	3.83619	1.8736
578825.014141196.4	578825	4141196	4.10707	3.26265	3.91383	0.90676	4.24456	2.18634
578845.014141196.4	578845	4141196	4.89152	3.67695	4.44012	1.10072	4.54632	2.51312
578865.014141196.4	578865	4141196	5.73228	4.03839	4.88535	1.33602	4.69948	2.83776
578885.014141196.4	578885	4141196	6.56355	4.30345	5.18742	1.60977	4.67867	3.13529
578905.014141196.4	578905	4141196	7.37357	4.47005	5.33709	1.93516	4.5139	3.4093
578925.014141196.4	578925	4141196	8.12086	4.53004	5.32319	2.31718	4.23974	3.65322
578945.014141196.4	578945	4141196	8.75456	4.4817	5.15018	2.75361	3.89595	3.85781
578965.014141196.4	578965	4141196	9.22355	4.3326	4.84046	3.23267	3.51942	4.01322
578985.014141196.4	578985	4141196	9.4572	4.08778	4.41893	3.71557	3.13042	4.09757
579005.014141196.4	579005	4141196	9.48391	3.7924	3.9524	4.19548	2.76851	4.12977
579025.014141196.4	579025	4141196	9.29334	3.46946	3.48223	4.62361	2.44408	4.10341
579045.014141196.4	579045	4141196	8.86135	3.1254	3.02558	4.91896	2.15028	3.99434
579065.014141196.4	579065	4141196	8.25011	2.78709	2.61316	5.04581	1.89374	3.81269
579085.014141196.4	579085	4141196	7.47612	2.45138	2.23739	4.96096	1.66126	3.54561
579105.014141196.4	579105	4141196	6.63943	2.14066	1.91413	4.70157	1.4588	3.22763
579125.014141196.4	579125	4141196	5.80962	1.86274	1.64237	4.31814	1.28444	2.88642
579145.014141196.4	579145	4141196	5.03955	1.62113	1.41749	3.87225	1.13578	2.54884
579165.014141196.4	579165	4141196	4.33434	1.40824	1.22638	3.40106	1.00548	2.22332
579185.014141196.4	579185	4141196	3.71083	1.22371	1.06499	2.94346	0.89191	1.92403
579205.014141196.4	579205	4141196	3.18138	1.06779	0.93106	2.52992	0.79473	1.66207
579225.014141196.4	579225	4141196	2.73899	0.93688	0.8198	2.17051	0.71165	1.43817
579245.014141196.4	579245	4141196	2.37312	0.8274	0.72732	1.86638	0.64076	1.24992
578385.014141216.4	578385	4141216	0.09936	0.06619	0.06673	0.03642	0.08358	0.05221
578405.014141216.4	578405	4141216	0.11038	0.07495	0.07553	0.03965	0.09584	0.05836
578425.014141216.4	578425	4141216	0.12353	0.08559	0.08625	0.04341	0.1109	0.06575
578445.014141216.4	578445	4141216	0.13927	0.09858	0.10136	0.0478	0.13204	0.07468
578465.014141216.4	578465	4141216	0.15958	0.11468	0.11798	0.0541	0.15558	0.08564

578485.014141216.4	578485	4141216	0.18287	0.13455	0.13858	0.06035	0.1848	0.09903
578505.014141216.4	578505	4141216	0.21098	0.15893	0.1641	0.0677	0.22091	0.1153
578525.014141216.4	578525	4141216	0.24981	0.19376	0.19705	0.07672	0.26727	0.1361
578545.014141216.4	578545	4141216	0.29344	0.2327	0.23812	0.0874	0.32467	0.16433
578565.014141216.4	578565	4141216	0.34709	0.28114	0.28986	0.10018	0.39639	0.19599
578585.014141216.4	578585	4141216	0.41301	0.34132	0.35493	0.1155	0.48586	0.23508
578605.014141216.4	578605	4141216	0.49277	0.41498	0.43546	0.13358	0.59573	0.28265
578625.014141216.4	578625	4141216	0.59284	0.50833	0.53871	0.15577	0.73566	0.34265
578645.014141216.4	578645	4141216	0.72047	0.62858	0.67333	0.18346	0.91697	0.41957
578665.014141216.4	578665	4141216	0.87671	0.77729	0.84167	0.21654	1.14178	0.51426
578685.014141216.4	578685	4141216	1.07303	0.96506	1.05719	0.25716	1.42567	0.6334
578705.014141216.4	578705	4141216	1.31449	1.19551	1.32577	0.30595	1.77137	0.77931
578725.014141216.4	578725	4141216	1.61733	1.48	1.66392	0.3659	2.19111	0.95952
578745.014141216.4	578745	4141216	1.9996	1.82716	2.08607	0.44046	2.68783	1.18045
578765.014141216.4	578765	4141216	2.47944	2.23926	2.59912	0.5336	3.24826	1.44558
578785.014141216.4	578785	4141216	3.0632	2.70186	3.1869	0.64811	3.82963	1.7494
578805.014141216.4	578805	4141216	3.75274	3.19243	3.81953	0.78789	4.37701	2.08296
578825.014141216.4	578825	4141216	4.55677	3.69043	4.46551	0.96134	4.83968	2.44104
578845.014141216.4	578845	4141216	5.45937	4.1591	5.06772	1.17587	5.15638	2.80964
578925.014141216.4	578925	4141216	9.14745	5.02921	5.92956	2.56418	4.57957	4.06925
578945.014141216.4	578945	4141216	9.83385	4.92825	5.66387	3.06649	4.14336	4.28222
578965.014141216.4	578965	4141216	10.36343	4.73201	5.26438	3.64314	3.70286	4.45843
578985.014141216.4	578985	4141216	10.61202	4.43197	4.74848	4.23187	3.26411	4.55504
579005.014141216.4	579005	4141216	10.5816	4.07079	4.18593	4.80144	2.85897	4.57898
579025.014141216.4	579025	4141216	10.25974	3.67558	3.62495	5.28141	2.49591	4.5193
579045.014141216.4	579045	4141216	9.67997	3.27557	3.10661	5.59995	2.17973	4.37329
579065.014141216.4	579065	4141216	8.89545	2.88868	2.64949	5.69354	1.90666	4.13802
579085.014141216.4	579085	4141216	7.94905	2.51487	2.24549	5.5263	1.66385	3.80742
579105.014141216.4	579105	4141216	6.95237	2.17336	1.90352	5.15061	1.45358	3.42042
579125.014141216.4	579125	4141216	6.00414	1.87662	1.62434	4.65185	1.2762	3.02111
579145.014141216.4	579145	4141216	5.13526	1.61896	1.39311	4.0956	1.12392	2.63028
579165.014141216.4	579165	4141216	4.35571	1.39441	1.1982	3.53115	0.9908	2.26174
579185.014141216.4	579185	4141216	3.69424	1.20577	1.03821	3.01219	0.87751	1.93698
579205.014141216.4	579205	4141216	3.14812	1.04949	0.90745	2.56154	0.78178	1.66116
579225.014141216.4	579225	4141216	2.70247	0.92044	0.80026	2.18279	0.70086	1.43143
579245.014141216.4	579245	4141216	2.32859	0.81062	0.7094	1.85953	0.63021	1.23591
578385.014141236.4	578385	4141236	0.09817	0.06497	0.06551	0.03622	0.08181	0.05147
578405.014141236.4	578405	4141236	0.11011	0.07376	0.07582	0.04025	0.09598	0.05765
578425.014141236.4	578425	4141236	0.12287	0.08407	0.08634	0.04311	0.11096	0.0648
578445.014141236.4	578445	4141236	0.13828	0.09679	0.09933	0.04739	0.12961	0.07353
578465.014141236.4	578465	4141236	0.15692	0.11253	0.11546	0.05347	0.15287	0.08421
578485.014141236.4	578485	4141236	0.17963	0.13212	0.13562	0.05955	0.18203	0.09735
578505.014141236.4	578505	4141236	0.21113	0.15744	0.16169	0.06699	0.21969	0.11418
578525.014141236.4	578525	4141236	0.24669	0.19243	0.1946	0.07584	0.26713	0.13752
578545.014141236.4	578545	4141236	0.28943	0.23147	0.23531	0.08614	0.32557	0.163
578565.014141236.4	578565	4141236	0.3434	0.28145	0.28815	0.09879	0.40079	0.19535
578585.014141236.4	578585	4141236	0.41131	0.34514	0.35646	0.11426	0.4972	0.2363
578605.014141236.4	578605	4141236	0.49384	0.42368	0.4417	0.1325	0.61657	0.28644
578625.014141236.4	578625	4141236	0.59766	0.52368	0.55168	0.15484	0.76937	0.34993
578645.014141236.4	578645	4141236	0.73069	0.65336	0.69622	0.18276	0.96876	0.43181
578665.014141236.4	578665	4141236	0.89774	0.8181	0.88228	0.21686	1.22309	0.5353
578685.014141236.4	578685	4141236	1.10947	1.02842	1.12348	0.25892	1.54803	0.66685
578705.014141236.4	578705	4141236	1.37437	1.29133	1.43033	0.31012	1.95137	0.83086
578725.014141236.4	578725	4141236	1.70904	1.61842	1.82053	0.3732	2.44463	1.03491
578745.014141236.4	578745	4141236	2.13143	2.01701	2.30804	0.45129	3.02646	1.2846
578765.014141236.4	578765	4141236	2.66908	2.49471	2.90806	0.54986	3.68769	1.58703
578785.014141236.4	578785	4141236	3.34901	3.04763	3.61935	0.6757	4.39179	1.94431
578805.014141236.4	578805	4141236	4.15027	3.62601	4.37553	0.82896	5.03711	2.33182
578825.014141236.4	578825	4141236	5.09095	4.2087	5.14181	1.02134	5.56491	2.74608
578945.014141236.4	578945	4141236	11.13197	5.44073	6.24604	3.44452	4.39869	4.78444
578965.014141236.4	578965	4141236	11.66634	5.1583	5.70557	4.11226	3.86669	4.95619
578985.014141236.4	578985	4141236	11.95114	4.8002	5.08445	4.84801	3.38367	5.07872
579005.014141236.4	579005	4141236	11.83408	4.35802	4.40659	5.52759	2.9328	5.08906
579025.014141236.4	579025	4141236	11.36767	3.88985	3.75522	6.08827	2.53889	5.00195
579045.014141236.4	579045	4141236	10.58474	3.42267	3.16774	6.42006	2.19919	4.80345
579065.014141236.4	579065	4141236	9.56439	2.97641	2.66036	6.44531	1.90763	4.49091
579085.014141236.4	579085	4141236	8.43162	2.5701	2.23913	6.16998	1.66081	4.09069
579105.014141236.4	579105	4141236	7.26172	2.20061	1.88498	5.64503	1.44612	3.62462
579125.014141236.4	579125	4141236	6.16135	1.87891	1.59503	4.98744	1.26295	3.14675
579145.014141236.4	579145	4141236	5.1796	1.60377	1.35786	4.29357	1.10651	2.69205
579165.014141236.4	579165	4141236	4.34919	1.37491	1.16641	3.64219	0.97477	2.28864
579185.014141236.4	579185	4141236	3.65866	1.1846	1.01003	3.06419	0.86281	1.94121
579205.014141236.4	579205	4141236	3.09849	1.02842	0.88285	2.57668	0.76839	1.65206
579225.014141236.4	579225	4141236	2.64989	0.90096	0.77942	2.17814	0.68907	1.41617
579245.014141236.4	579245	4141236	2.27434	0.79232	0.69132	1.84076	0.61929	1.21634
578385.014141256.4	578385	4141256	0.09742	0.06399	0.06459	0.03618	0.08025	0.05094
578405.014141256.4	578405	4141256	0.10888	0.07246	0.07455	0.04007	0.09399	0.0569
578425.014141256.4	578425	4141256	0.12164	0.08279	0.08495	0.04379	0.10894	0.06408
578445.014141256.4	578445	4141256	0.13653	0.09512	0.09747	0.04802	0.12713	0.07252
578465.014141256.4	578465	4141256	0.1545	0.11038	0.113	0.05298	0.14991	0.08285
578485.014141256.4	578485	4141256	0.17672	0.12972	0.13271	0.05892	0.17897	0.09579
578505.014141256.4	578505	4141256	0.20766	0.158	0.1584	0.0662	0.21691	0.11248
578525.014141256.4	578525	4141256	0.24236	0.1897	0.19069	0.07478	0.26467	0.13553
578545.014141256.4	578545	4141256	0.28475	0.22928	0.23144	0.08489	0.3248	0.16117
578565.014141256.4	578565	4141256	0.33884	0.28063	0.28506	0.09738	0.40339	0.19413
578585.014141256.4	578585	4141256	0.40791	0.34727	0.35575	0.11283	0.50612	0.23656
578605.014141256.4	578605	4141256	0.49425	0.43196	0.44691	0.13149	0.6375	0.29005
578625.014141256.4	578625	4141256	0.60092	0.53837	0.56296	0.15377	0.80342	0.35678
578645.014141256.4	578645	4141256	0.73722	0.67632	0.71563	0.18139	1.01987	0.44274
578665.014141256.4	578665	4141256	0.91554	0.85911	0.92121	0.21648	1.30851	0.55602
578685.014141256.4	578685	4141256	1.14188	1.09354	1.18931	0.25958	1.67918	0.70056
578705.014141256.4	578705	4141256	1.43532	1.39753	1.54443	0.31375	2.15745	0.88734
578725.014141256.4	578725	4141256	1.80523	1.77546	1.99669	0.37993	2.74131	1.11941
578745.014141256.4	578745	4141256	2.27864	2.24159	2.57062	0.46256	3.43748	1.40667
578765.014141256.4	578765	4141256	2.88738	2.80316	3.28317	0.56739	4.23007	1.75624
578785.014141256.4	578785	4141256	3.66299	3.45262	4.12966	0.70176	5.06807	2.16882

578805.014141256.4	578805	4141256	4.62229	4.15722	5.06485	0.8738	5.85668	2.63315
578965.014141256.4	578965	4141256	13.24019	5.63957	6.18667	4.69	4.02494	5.54876
578985.014141256.4	578985	4141256	13.47429	5.17611	5.40213	5.56601	3.47283	5.66238
579005.014141256.4	579005	4141256	13.31008	4.66526	4.61915	6.43384	2.99626	5.69166
579025.014141256.4	579025	4141256	12.63118	4.1063	3.86178	7.08442	2.5691	5.56182
579045.014141256.4	579045	4141256	11.59401	3.56802	3.20802	7.42605	2.2106	5.30162
579065.014141256.4	579065	4141256	10.29691	3.06399	2.6598	7.35127	1.90658	4.89873
579085.014141256.4	579085	4141256	8.90916	2.6139	2.21606	6.8966	1.65181	4.39356
579105.014141256.4	579105	4141256	7.51392	2.20863	1.84683	6.15353	1.42991	3.81722
579125.014141256.4	579125	4141256	6.25996	1.86635	1.55318	5.30473	1.24408	3.25313
579145.014141256.4	579145	4141256	5.19104	1.58248	1.31918	4.47226	1.08837	2.74157
579165.014141256.4	579165	4141256	4.31386	1.35044	1.13232	3.72896	0.95804	2.30266
579185.014141256.4	579185	4141256	3.60742	1.16149	0.98194	3.09967	0.84862	1.93773
579205.014141256.4	579205	4141256	3.03773	1.00618	0.85887	2.57783	0.75549	1.63679
579225.014141256.4	579225	4141256	2.58174	0.87884	0.75789	2.15459	0.67634	1.39208
579245.014141256.4	579245	4141256	2.2137	0.7734	0.67395	1.81167	0.60839	1.19244
579265.014141256.4	579265	4141256	1.91283	0.68495	0.6031	1.53188	0.54934	1.02809
578385.014141276.4	578385	4141276	0.0999	0.0653	0.06599	0.03715	0.08126	0.05218
578405.014141276.4	578405	4141276	0.10801	0.07136	0.07355	0.04002	0.09213	0.05633
578425.014141276.4	578425	4141276	0.12027	0.08125	0.08348	0.04361	0.10651	0.06321
578445.014141276.4	578445	4141276	0.13701	0.09365	0.09589	0.04786	0.12473	0.07172
578465.014141276.4	578465	4141276	0.15266	0.10851	0.11088	0.05269	0.14706	0.08177
578485.014141276.4	578485	4141276	0.17662	0.12744	0.12999	0.05847	0.17575	0.09441
578505.014141276.4	578505	4141276	0.20368	0.15152	0.15439	0.06538	0.21264	0.11028
578525.014141276.4	578525	4141276	0.23775	0.18627	0.18615	0.07377	0.26082	0.1306
578545.014141276.4	578545	4141276	0.27983	0.22636	0.22683	0.08374	0.3226	0.15902
578565.014141276.4	578565	4141276	0.33305	0.2782	0.28015	0.09588	0.40326	0.19204
578585.014141276.4	578585	4141276	0.40252	0.34719	0.3523	0.11117	0.51156	0.23557
578605.014141276.4	578605	4141276	0.49004	0.43592	0.44657	0.12969	0.65198	0.29104
578625.014141276.4	578625	4141276	0.60281	0.55241	0.57245	0.15268	0.8378	0.36326
578645.014141276.4	578645	4141276	0.74442	0.70163	0.73614	0.18043	1.07734	0.45507
578665.014141276.4	578665	4141276	0.93036	0.90066	0.95841	0.21561	1.3991	0.57673
578685.014141276.4	578685	4141276	1.17279	1.16354	1.25772	0.25982	1.82545	0.73649
578705.014141276.4	578705	4141276	1.49062	1.50929	1.66088	0.31568	2.38401	0.94573
578725.014141276.4	578725	4141276	1.90884	1.95785	2.19945	0.3866	3.09662	1.21673
578745.014141276.4	578745	4141276	2.44078	2.50723	2.88062	0.47384	3.93814	1.54961
578765.014141276.4	578765	4141276	3.14305	3.18248	3.7475	0.58689	4.91237	1.96262
578785.014141276.4	578785	4141276	4.04233	3.95959	4.7756	0.73174	5.92915	2.44759
578985.014141276.4	578985	4141276	15.31936	5.59024	5.72277	6.47173	3.55069	6.36334
579005.014141276.4	579005	4141276	14.99801	4.96805	4.78842	7.53932	3.0324	6.37856
579025.014141276.4	579025	4141276	14.11783	4.33633	3.95111	8.36281	2.59395	6.24034
579045.014141276.4	579045	4141276	12.7273	3.7128	3.22662	8.6819	2.21605	5.89007
579065.014141276.4	579065	4141276	11.08696	3.14849	2.64513	8.44251	1.90317	5.36943
579085.014141276.4	579085	4141276	9.33417	2.63558	2.16813	7.68826	1.63315	4.69916
579105.014141276.4	579105	4141276	7.71936	2.2046	1.79829	6.67723	1.41071	4.00382
579125.014141276.4	579125	4141276	6.31889	1.84675	1.50743	5.60797	1.22485	3.34788
579145.014141276.4	579145	4141276	5.17547	1.55777	1.28004	4.63073	1.07114	2.78059
579165.014141276.4	579165	4141276	4.25425	1.32285	1.09811	3.7906	0.94168	2.30492
579185.014141276.4	579185	4141276	3.52669	1.13332	0.95206	3.10239	0.83292	1.91854
579205.014141276.4	579205	4141276	2.95483	0.98016	0.83381	2.55184	0.74115	1.60888
579225.014141276.4	579225	4141276	2.50367	0.85557	0.737	2.11519	0.66328	1.36135
579245.014141276.4	579245	4141276	2.14298	0.75284	0.65645	1.76701	0.59642	1.1618
579265.014141276.4	579265	4141276	1.85679	0.66866	0.58974	1.49339	0.53956	1.00257
578385.014141296.4	578385	4141296	0.09768	0.06276	0.06509	0.03707	0.07935	0.05049
578405.014141296.4	578405	4141296	0.11022	0.07293	0.07373	0.04042	0.09163	0.05778
578425.014141296.4	578425	4141296	0.11954	0.08012	0.08247	0.04362	0.10446	0.06268
578445.014141296.4	578445	4141296	0.13371	0.09185	0.09418	0.04769	0.12181	0.07073
578465.014141296.4	578465	4141296	0.15321	0.10675	0.10902	0.05255	0.14411	0.08084
578485.014141296.4	578485	4141296	0.1746	0.12793	0.12759	0.05823	0.17243	0.09326
578505.014141296.4	578505	4141296	0.20073	0.1518	0.15106	0.06491	0.2087	0.10865
578525.014141296.4	578525	4141296	0.23357	0.1827	0.18166	0.07299	0.25632	0.12837
578545.014141296.4	578545	4141296	0.27481	0.2227	0.2216	0.08272	0.31881	0.15658
578565.014141296.4	578565	4141296	0.32733	0.27511	0.27458	0.09462	0.40167	0.18974
578585.014141296.4	578585	4141296	0.39524	0.34466	0.34597	0.10936	0.51285	0.23326
578605.014141296.4	578605	4141296	0.4839	0.43764	0.44318	0.1278	0.66305	0.29084
578625.014141296.4	578625	4141296	0.59983	0.56204	0.57572	0.15088	0.86605	0.36714
578645.014141296.4	578645	4141296	0.75027	0.72725	0.75506	0.17952	1.13814	0.46757
578665.014141296.4	578665	4141296	0.94325	0.94401	0.9947	0.21463	1.49757	0.59829
578685.014141296.4	578685	4141296	1.20198	1.23919	1.32852	0.25977	1.98971	0.77513
578705.014141296.4	578705	4141296	1.54736	1.63584	1.78947	0.31747	2.64945	1.01153
578725.014141296.4	578725	4141296	2.00779	2.15828	2.41732	0.39111	3.50444	1.32207
578745.014141296.4	578745	4141296	2.6222	2.82734	3.25338	0.48559	4.55997	1.72046
579005.014141296.4	579005	4141296	17.03079	5.29002	4.92822	8.97622	3.05748	7.21523
579025.014141296.4	579025	4141296	15.80157	4.55462	3.99006	9.9847	2.60022	7.03776
579045.014141296.4	579045	4141296	13.96982	3.84726	3.21232	10.25363	2.21241	6.58178
579065.014141296.4	579065	4141296	11.81858	3.19711	2.58595	9.68878	1.88258	5.86095
579085.014141296.4	579085	4141296	9.72058	2.64488	2.10803	8.55633	1.61243	5.01857
579105.014141296.4	579105	4141296	7.87415	2.19095	1.74366	7.2042	1.3909	4.18187
579125.014141296.4	579125	4141296	6.3312	1.8202	1.45926	5.88198	1.20573	3.42569
579145.014141296.4	579145	4141296	5.09529	1.52166	1.23545	4.72766	1.05057	2.78835
579165.014141296.4	579165	4141296	4.15665	1.28935	1.06235	3.80862	0.92391	2.28685
579185.014141296.4	579185	4141296	3.42137	1.10167	0.92205	3.07194	0.81622	1.88477
579205.014141296.4	579205	4141296	2.85653	0.9521	0.80915	2.50164	0.72597	1.57076
579225.014141296.4	579225	4141296	2.41756	0.83144	0.71692	2.05985	0.64965	1.32426
579245.014141296.4	579245	4141296	2.06834	0.73194	0.63974	1.71158	0.58388	1.12701
579265.014141296.4	579265	4141296	1.7961	0.65149	0.57632	1.44469	0.52867	0.97282
579285.014141296.4	579285	4141296	1.57492	0.58396	0.52226	1.2316	0.48072	0.84751
578385.014141316.4	578385	4141316	0.09807	0.06256	0.06512	0.03734	0.07847	0.05059
578405.014141316.4	578405	4141316	0.10768	0.07003	0.07263	0.0403	0.0892	0.05589
578425.014141316.4	578425	4141316	0.12223	0.08197	0.08291	0.04416	0.10406	0.06434
578445.014141316.4	578445	4141316	0.1352	0.0928	0.0934	0.04786	0.11979	0.07043
578465.014141316.4	578465	4141316	0.15157	0.1046	0.10703	0.05239	0.14051	0.07969
578485.014141316.4	578485	4141316	0.17235	0.12267	0.1249	0.05795	0.16811	0.09178
578505.014141316.4	578505	4141316	0.19818	0.14886	0.14791	0.0646	0.20425	0.10921
578525.014141316.4	578525	4141316	0.23012	0.17921	0.17752	0.07249	0.25144	0.12888
578545.014141316.4	578545	4141316	0.27016	0.21867	0.21624	0.08194	0.31383	0.15408

578565.014141316.4	578565	4141316	0.32177	0.2713	0.26842	0.09359	0.39833	0.18721
578585.014141316.4	578585	4141316	0.38866	0.34182	0.33934	0.10798	0.51315	0.23103
578605.014141316.4	578605	4141316	0.47731	0.43812	0.43799	0.12617	0.67205	0.29016
578625.014141316.4	578625	4141316	0.59416	0.56885	0.57464	0.14895	0.89041	0.36953
578645.014141316.4	578645	4141316	0.75058	0.74867	0.76681	0.17794	1.1944	0.4776
578665.014141316.4	578665	4141316	0.95562	0.99098	1.03142	0.21396	1.60794	0.62187
578685.014141316.4	578685	4141316	1.22956	1.32191	1.40194	0.25965	2.17639	0.81737
578705.014141316.4	578705	4141316	1.60264	1.77738	1.92809	0.31876	2.95836	1.08476
578725.014141316.4	578725	4141316	2.11243	2.39359	2.66847	0.39547	4.00063	1.44513
579025.014141316.4	579025	4141316	17.72011	4.75949	3.9718	12.10298	2.59141	7.99985
579045.014141316.4	579045	4141316	15.25681	3.95106	3.1459	12.20621	2.19319	7.3755
579065.014141316.4	579065	4141316	12.55764	3.23689	2.51329	11.16777	1.86231	6.42194
579085.014141316.4	579085	4141316	10.058	2.64385	2.04065	9.48986	1.59216	5.34909
579105.014141316.4	579105	4141316	7.95408	2.16509	1.68347	7.69872	1.37003	4.33639
579125.014141316.4	579125	4141316	6.26652	1.78159	1.4066	6.0855	1.18422	3.46796
579145.014141316.4	579145	4141316	4.97614	1.48136	1.19203	4.77486	1.03028	2.77493
579165.014141316.4	579165	4141316	4.02306	1.25088	1.02636	3.77737	0.90467	2.24746
579185.014141316.4	579185	4141316	3.30192	1.06892	0.89381	3.01462	0.79937	1.84051
579205.014141316.4	579205	4141316	2.74952	0.92332	0.78583	2.43142	0.7102	1.52495
579225.014141316.4	579225	4141316	2.32762	0.80711	0.69792	1.99134	0.63538	1.28229
579245.014141316.4	579245	4141316	2.00173	0.71356	0.62568	1.6578	0.57248	1.09445
579265.014141316.4	579265	4141316	1.74308	0.63649	0.56495	1.39879	0.51868	0.94547
579285.014141316.4	579285	4141316	1.53167	0.57134	0.51262	1.19199	0.47169	0.82414
578385.014141336.4	578385	4141336	0.09901	0.06276	0.06559	0.03773	0.07802	0.05096
578405.014141336.4	578405	4141336	0.10829	0.0699	0.0728	0.04063	0.08826	0.05606
578425.014141336.4	578425	4141336	0.11939	0.07868	0.0816	0.04399	0.10103	0.06224
578445.014141336.4	578445	4141336	0.13523	0.09194	0.09298	0.04811	0.11788	0.0715
578465.014141336.4	578465	4141336	0.15294	0.10692	0.10762	0.05308	0.14001	0.08174
578485.014141336.4	578485	4141336	0.17103	0.12302	0.123	0.05794	0.16423	0.09077
578505.014141336.4	578505	4141336	0.19549	0.14544	0.14457	0.06429	0.19862	0.10525
578525.014141336.4	578525	4141336	0.22672	0.17521	0.17322	0.07207	0.24521	0.12661
578545.014141336.4	578545	4141336	0.26642	0.21468	0.21134	0.0815	0.30823	0.15179
578565.014141336.4	578565	4141336	0.31619	0.26645	0.26156	0.09274	0.3925	0.18426
578585.014141336.4	578585	4141336	0.38162	0.3373	0.33112	0.10676	0.5099	0.22805
578605.014141336.4	578605	4141336	0.46914	0.4358	0.42953	0.12455	0.67586	0.28808
578625.014141336.4	578625	4141336	0.58699	0.57339	0.56999	0.14718	0.91136	0.37088
578645.014141336.4	578645	4141336	0.74362	0.76311	0.76812	0.17548	1.24065	0.48368
578665.014141336.4	578665	4141336	0.96182	1.03555	1.06057	0.21268	1.72012	0.644
578685.014141336.4	578685	4141336	1.25257	1.40988	1.47379	0.25913	2.38451	0.8622
578705.014141336.4	578705	4141336	1.65852	1.94072	2.0816	0.32015	3.32849	1.16931
579025.014141336.4	579025	4141336	19.98406	4.9698	3.91174	15.01802	2.58028	9.23833
579045.014141336.4	579045	4141336	16.65099	4.04722	3.05476	14.72739	2.1737	8.35241
579065.014141336.4	579065	4141336	13.25616	3.26174	2.42627	12.87787	1.8414	7.04475
579085.014141336.4	579085	4141336	10.28616	2.62391	1.96343	10.41804	1.56955	5.65757
579105.014141336.4	579105	4141336	7.91419	2.12098	1.61642	8.09198	1.34556	4.43832
579125.014141336.4	579125	4141336	6.12851	1.73364	1.35331	6.20195	1.1614	3.47156
579145.014141336.4	579145	4141336	4.82728	1.43897	1.15179	4.77363	1.01066	2.74243
579165.014141336.4	579165	4141336	3.86994	1.21096	0.99284	3.70742	0.88512	2.19326
579185.014141336.4	579185	4141336	3.17108	1.03524	0.86722	2.93	0.78167	1.78588
579205.014141336.4	579205	4141336	2.64012	0.89482	0.76416	2.34618	0.69389	1.47395
579225.014141336.4	579225	4141336	2.24884	0.78602	0.68208	1.92618	0.62246	1.24361
579245.014141336.4	579245	4141336	1.93867	0.69612	0.61259	1.60124	0.56087	1.06145
579265.014141336.4	579265	4141336	1.69153	0.62165	0.55363	1.34978	0.508	0.91711
579285.014141336.4	579285	4141336	1.49122	0.55916	0.50305	1.15233	0.46232	0.80105
578385.014141356.4	578385	4141356	0.10169	0.0635	0.06658	0.03828	0.07816	0.05171
578405.014141356.4	578405	4141356	0.11117	0.07059	0.07377	0.0412	0.08822	0.05681
578425.014141356.4	578425	4141356	0.12239	0.08058	0.08247	0.04458	0.1007	0.06294
578445.014141356.4	578445	4141356	0.13545	0.09119	0.09283	0.04839	0.11599	0.07016
578465.014141356.4	578465	4141356	0.15133	0.10455	0.10577	0.05289	0.13561	0.07913
578485.014141356.4	578485	4141356	0.17244	0.12289	0.12356	0.05867	0.16317	0.09284
578505.014141356.4	578505	4141356	0.19599	0.14441	0.1441	0.06484	0.19623	0.10707
578525.014141356.4	578525	4141356	0.22413	0.17141	0.16962	0.07187	0.23866	0.12459
578545.014141356.4	578545	4141356	0.26241	0.20966	0.20593	0.08105	0.30016	0.149
578565.014141356.4	578565	4141356	0.31198	0.26173	0.25549	0.09234	0.38591	0.18164
578585.014141356.4	578585	4141356	0.37519	0.33187	0.32252	0.1059	0.50399	0.22481
578605.014141356.4	578605	4141356	0.46102	0.4318	0.41948	0.12328	0.67583	0.28537
578625.014141356.4	578625	4141356	0.57681	0.5733	0.5595	0.14527	0.92399	0.36984
578645.014141356.4	578645	4141356	0.73524	0.7759	0.7651	0.17338	1.28574	0.48918
578665.014141356.4	578665	4141356	0.95776	1.07224	1.07506	0.21024	1.82387	0.66166
578685.014141356.4	578685	4141356	1.27028	1.50392	1.54234	0.25836	2.6181	0.91022
579025.014141356.4	579025	4141356	22.67409	5.18963	3.811	19.19059	2.57003	10.9061
579045.014141356.4	579045	4141356	18.12028	4.13271	2.94216	17.98453	2.155	9.56507
579065.014141356.4	579065	4141356	13.81455	3.25921	2.32267	14.72534	1.81663	7.68267
579085.014141356.4	579085	4141356	10.33108	2.577	1.87633	11.21505	1.54185	5.89262
579105.014141356.4	579105	4141356	7.74347	2.06023	1.54716	8.3312	1.31787	4.47187
579125.014141356.4	579125	4141356	5.91032	1.6758	1.3003	6.20448	1.13589	3.42769
579145.014141356.4	579145	4141356	4.61875	1.38785	1.11036	4.68138	0.98684	2.67182
579165.014141356.4	579165	4141356	3.69518	1.16837	0.96049	3.591	0.86349	2.12092
579185.014141356.4	579185	4141356	3.03304	1.00081	0.84179	2.81977	0.76246	1.72174
579205.014141356.4	579205	4141356	2.54119	0.86918	0.74529	2.26061	0.67829	1.42474
579225.014141356.4	579225	4141356	2.1679	0.76414	0.66579	1.84946	0.60783	1.2003
579245.014141356.4	579245	4141356	1.87527	0.67813	0.59881	1.53826	0.54783	1.02585
579265.014141356.4	579265	4141356	1.64198	0.60697	0.54171	1.29992	0.49641	0.88856
579285.014141356.4	579285	4141356	1.4507	0.54639	0.49246	1.11088	0.45191	0.77696
579305.014141356.4	579305	4141356	1.29239	0.49482	0.44945	0.96093	0.41306	0.68606
578385.014141376.4	578385	4141376	0.10347	0.06533	0.06793	0.03892	0.07872	0.05268
578405.014141376.4	578405	4141376	0.11305	0.07256	0.07519	0.04189	0.08868	0.05842
578425.014141376.4	578425	4141376	0.12408	0.08114	0.08371	0.04522	0.10069	0.06454
578445.014141376.4	578445	4141376	0.13724	0.09169	0.09411	0.0491	0.11577	0.07194
578465.014141376.4	578465	4141376	0.15262	0.10446	0.10653	0.05348	0.13443	0.08075
578485.014141376.4	578485	4141376	0.17091	0.12027	0.12174	0.05853	0.15804	0.09147
578505.014141376.4	578505	4141376	0.19458	0.14155	0.14208	0.06482	0.1906	0.10564
578525.014141376.4	578525	4141376	0.22534	0.1705	0.16961	0.07266	0.23613	0.12455
578545.014141376.4	578545	4141376	0.25938	0.2048	0.20144	0.08086	0.29148	0.14645
578565.014141376.4	578565	4141376	0.3075	0.25562	0.24888	0.09193	0.37579	0.17833
578585.014141376.4	578585	4141376	0.37023	0.3262	0.31471	0.10552	0.49623	0.22174

578605.014141376.4	578605	4141376	0.45361	0.42627	0.40866	0.12244	0.67162	0.28213
578625.014141376.4	578625	4141376	0.56702	0.57124	0.54688	0.14388	0.93213	0.36814
578645.014141376.4	578645	4141376	0.72491	0.78537	0.75617	0.17156	1.32585	0.49323
578665.014141376.4	578665	4141376	0.95091	1.10877	1.08293	0.20816	1.93327	0.67961
578685.014141376.4	578685	4141376	1.27771	1.59929	1.59878	0.25676	2.8709	0.9589
579005.014141376.4	579005	4141376	31.41545	6.81849	4.90739	23.21367	3.0777	13.79957
579025.014141376.4	579025	4141376	25.69583	5.38744	3.64709	25.20684	2.55081	13.15386
579045.014141376.4	579045	4141376	19.41989	4.17033	2.79176	21.89503	2.12536	10.93734
579065.014141376.4	579065	4141376	14.09261	3.21622	2.20438	16.45439	1.78439	8.23193
579085.014141376.4	579085	4141376	10.15921	2.50417	1.78653	11.75113	1.50948	6.01246
579105.014141376.4	579105	4141376	7.42582	1.98178	1.47754	8.35698	1.2851	4.41828
579125.014141376.4	579125	4141376	5.60199	1.60592	1.24662	6.06112	1.10479	3.32524
579145.014141376.4	579145	4141376	4.37158	1.33139	1.06947	4.50918	0.95913	2.57003
579165.014141376.4	579165	4141376	3.51685	1.12596	0.93018	3.44496	0.84043	2.03836
579185.014141376.4	579185	4141376	2.90033	0.96766	0.8179	2.69773	0.7424	1.65421
579205.014141376.4	579205	4141376	2.44109	0.84275	0.7257	2.16131	0.66065	1.37004
579225.014141376.4	579225	4141376	2.09061	0.74252	0.6491	1.76929	0.59217	1.15588
579245.014141376.4	579245	4141376	1.81531	0.66035	0.58432	1.47509	0.53402	0.99026
579265.014141376.4	579265	4141376	1.59193	0.59116	0.52853	1.24684	0.48382	0.85813
579285.014141376.4	579285	4141376	1.41055	0.53312	0.48062	1.06996	0.44079	0.75271
579305.014141376.4	579305	4141376	1.25988	0.48354	0.43893	0.9293	0.40343	0.66661
578385.014141396.4	578385	4141396	0.1057	0.06657	0.06967	0.03969	0.07985	0.05424
578405.014141396.4	578405	4141396	0.11504	0.07354	0.07677	0.04259	0.08936	0.05931
578425.014141396.4	578425	4141396	0.12578	0.08178	0.08506	0.04584	0.10079	0.06521
578445.014141396.4	578445	4141396	0.13872	0.092	0.09525	0.04967	0.11525	0.07243
578465.014141396.4	578465	4141396	0.1546	0.10495	0.10806	0.05424	0.134	0.08143
578485.014141396.4	578485	4141396	0.17316	0.12071	0.12339	0.0594	0.15735	0.09219
578505.014141396.4	578505	4141396	0.19504	0.14018	0.14199	0.06525	0.18694	0.10522
578525.014141396.4	578525	4141396	0.22467	0.1677	0.16814	0.07289	0.23001	0.1233
578545.014141396.4	578545	4141396	0.25838	0.20124	0.19914	0.08113	0.28405	0.14482
578565.014141396.4	578565	4141396	0.30356	0.24897	0.2429	0.09165	0.36348	0.17484
578585.014141396.4	578585	4141396	0.36356	0.31701	0.30477	0.10481	0.48055	0.21673
578605.014141396.4	578605	4141396	0.44456	0.4163	0.39486	0.12141	0.65719	0.27657
578625.014141396.4	578625	4141396	0.55624	0.56469	0.53056	0.14265	0.9299	0.36426
578645.014141396.4	578645	4141396	0.71318	0.79058	0.74129	0.17008	1.35777	0.49538
578665.014141396.4	578665	4141396	0.93859	1.14038	1.07847	0.20601	2.03861	0.69527
579005.014141396.4	579005	4141396	37.70357	7.26963	4.67551	32.27684	3.06668	17.25979
579025.014141396.4	579025	4141396	28.91626	5.55196	3.43283	33.71371	2.52228	16.18176
579045.014141396.4	579045	4141396	20.34827	4.15421	2.6236	25.9821	2.08669	12.29499
579065.014141396.4	579065	4141396	13.9263	3.12071	2.07773	17.60341	1.74097	8.52468
579085.014141396.4	579085	4141396	9.68382	2.39501	1.69302	11.82812	1.4664	5.94663
579105.014141396.4	579105	4141396	6.98657	1.88961	1.41041	8.16868	1.24684	4.283
579125.014141396.4	579125	4141396	5.27557	1.53597	1.19826	5.84527	1.07246	3.19842
579145.014141396.4	579145	4141396	4.13541	1.27814	1.03277	4.31258	0.93115	2.46189
579165.014141396.4	579165	4141396	3.34192	1.08396	0.90048	3.27573	0.8154	1.94775
579185.014141396.4	579185	4141396	2.77069	0.93437	0.79326	2.56157	0.72034	1.5814
579205.014141396.4	579205	4141396	2.34524	0.81641	0.7051	2.05707	0.64166	1.31347
579225.014141396.4	579225	4141396	2.01541	0.72049	0.63089	1.68676	0.57525	1.11022
579245.014141396.4	579245	4141396	1.75402	0.64131	0.56785	1.40903	0.51884	0.95276
579265.014141396.4	579265	4141396	1.54243	0.57495	0.51373	1.19583	0.4705	0.8281
579285.014141396.4	579285	4141396	1.36934	0.51902	0.4672	1.02995	0.42906	0.72822
579305.014141396.4	579305	4141396	1.2245	0.471	0.42659	0.89727	0.39297	0.64619
578385.014141416.4	578385	4141416	0.10789	0.06787	0.07142	0.04045	0.08113	0.05531
578405.014141416.4	578405	4141416	0.11728	0.07481	0.07859	0.04336	0.09049	0.06037
578425.014141416.4	578425	4141416	0.12832	0.08317	0.08716	0.0467	0.10198	0.06639
578445.014141416.4	578445	4141416	0.14137	0.09333	0.09748	0.05057	0.11621	0.07361
578465.014141416.4	578465	4141416	0.1568	0.10574	0.10992	0.05501	0.13397	0.08228
578485.014141416.4	578485	4141416	0.17547	0.1213	0.12533	0.06024	0.1568	0.09297
578505.014141416.4	578505	4141416	0.19728	0.14033	0.14378	0.06612	0.18541	0.10579
578525.014141416.4	578525	4141416	0.22469	0.16542	0.1677	0.07323	0.22431	0.12238
578545.014141416.4	578545	4141416	0.25909	0.19885	0.1989	0.08177	0.27785	0.144
578565.014141416.4	578565	4141416	0.30177	0.24349	0.23949	0.09182	0.35193	0.17221
578585.014141416.4	578585	4141416	0.35908	0.30831	0.29738	0.10457	0.46374	0.21224
578605.014141416.4	578605	4141416	0.43631	0.40408	0.38154	0.12062	0.63581	0.27002
578625.014141416.4	578625	4141416	0.5436	0.55124	0.51004	0.14125	0.91128	0.35684
578645.014141416.4	578645	4141416	0.69572	0.78332	0.71432	0.16797	1.36318	0.49096
578665.014141416.4	578665	4141416	0.92017	1.16276	1.05809	0.20364	2.12918	0.70636
579025.014141416.4	579025	4141416	31.94641	5.6657	3.19451	43.14881	2.48281	19.57121
579045.014141416.4	579045	4141416	20.64302	4.07478	2.45653	29.08138	2.03873	13.24301
579065.014141416.4	579065	4141416	13.33096	2.98548	1.95935	17.92738	1.69071	8.50494
579085.014141416.4	579085	4141416	9.06038	2.27482	1.60991	11.61027	1.42083	5.77912
579105.014141416.4	579105	4141416	6.51227	1.79602	1.3496	7.86388	1.20633	4.10889
579125.014141416.4	579125	4141416	4.94017	1.46514	1.1515	5.55756	1.03674	3.04589
579145.014141416.4	579145	4141416	3.89719	1.22364	0.99492	4.06878	0.89945	2.3358
579165.014141416.4	579165	4141416	3.1718	1.04172	0.86914	3.08541	0.78785	1.84897
579185.014141416.4	579185	4141416	2.64416	0.90044	0.76634	2.41506	0.69622	1.50407
579205.014141416.4	579205	4141416	2.24558	0.78778	0.681	1.94227	0.62009	1.25139
579225.014141416.4	579225	4141416	1.93689	0.69653	0.6096	1.59984	0.55654	1.06156
579245.014141416.4	579245	4141416	1.68949	0.6206	0.54861	1.34176	0.50236	0.9136
579265.014141416.4	579265	4141416	1.4895	0.55723	0.49662	1.14463	0.4563	0.79697
579285.014141416.4	579285	4141416	1.32239	0.5028	0.45116	0.98787	0.41608	0.70157
579305.014141416.4	579305	4141416	1.18508	0.45701	0.41237	0.86474	0.38183	0.62463
578385.014141436.4	578385	4141436	0.11039	0.06947	0.07338	0.04131	0.0829	0.05658
578405.014141436.4	578405	4141436	0.12005	0.07657	0.08083	0.04429	0.0924	0.06177
578425.014141436.4	578425	4141436	0.13128	0.08501	0.08963	0.04769	0.10388	0.06786
578445.014141436.4	578445	4141436	0.14472	0.09535	0.10034	0.05167	0.11825	0.07524
578465.014141436.4	578465	4141436	0.16035	0.10775	0.11303	0.05617	0.13582	0.08394
578485.014141436.4	578485	4141436	0.17897	0.12303	0.12846	0.06138	0.15797	0.09449
578505.014141436.4	578505	4141436	0.20041	0.14139	0.14662	0.06718	0.18525	0.10694
578525.014141436.4	578525	4141436	0.22795	0.16604	0.17063	0.07437	0.22302	0.12335
578545.014141436.4	578545	4141436	0.2611	0.19759	0.20048	0.08266	0.273	0.1439
578565.014141436.4	578565	4141436	0.30274	0.24017	0.23957	0.09258	0.34306	0.171
578585.014141436.4	578585	4141436	0.35846	0.30209	0.29478	0.10515	0.44947	0.20946
578605.014141436.4	578605	4141436	0.43225	0.3933	0.37334	0.1207	0.61391	0.26467
578625.014141436.4	578625	4141436	0.53432	0.53591	0.49274	0.1406	0.88431	0.34884
578645.014141436.4	578645	4141436	0.6802	0.76983	0.6858	0.16653	1.35092	0.4837

579025.014141436.4	579025	4141436	33.85962	5.67486	2.95327	48.06096	2.42469	21.68377
579045.014141436.4	579045	4141436	20.03898	3.91669	2.30003	29.70444	1.97904	13.27255
579065.014141436.4	579065	4141436	12.37357	2.81994	1.85204	17.54857	1.6343	8.24649
579085.014141436.4	579085	4141436	8.32233	2.14383	1.53106	11.15319	1.3693	5.52688
579105.014141436.4	579105	4141436	6.01428	1.69917	1.28864	7.42502	1.16044	3.88494
579125.014141436.4	579125	4141436	4.6033	1.39268	1.10202	5.18916	0.9963	2.86232
579145.014141436.4	579145	4141436	3.6663	1.16892	0.9541	3.79039	0.8649	2.19606
579165.014141436.4	579165	4141436	3.00374	0.99828	0.8341	2.87746	0.75792	1.74232
579185.014141436.4	579185	4141436	2.51598	0.86473	0.73564	2.26065	0.67025	1.42227
579205.014141436.4	579205	4141436	2.14472	0.7579	0.65391	1.82791	0.59769	1.18833
579225.014141436.4	579225	4141436	1.85428	0.6708	0.58532	1.51315	0.53698	1.01166
579245.014141436.4	579245	4141436	1.62118	0.59845	0.52702	1.27607	0.48547	0.87403
579265.014141436.4	579265	4141436	1.42992	0.53729	0.47678	1.09193	0.44113	0.76381
579285.014141436.4	579285	4141436	1.27229	0.48559	0.43365	0.94723	0.40308	0.67481
579305.014141436.4	579305	4141436	1.13998	0.44132	0.39601	0.83086	0.36984	0.60148
579325.014141436.4	579325	4141436	1.02687	0.40262	0.36294	0.73454	0.34056	0.53946
578385.014141456.4	578385	4141456	0.11328	0.07144	0.07564	0.0423	0.08529	0.0581
578405.014141456.4	578405	4141456	0.12314	0.07867	0.08331	0.04534	0.0949	0.06339
578425.014141456.4	578425	4141456	0.13457	0.08721	0.09235	0.04879	0.10645	0.06957
578445.014141456.4	578445	4141456	0.14813	0.09759	0.10326	0.05279	0.12073	0.07698
578465.014141456.4	578465	4141456	0.16396	0.11004	0.11625	0.05735	0.13821	0.08575
578485.014141456.4	578485	4141456	0.18301	0.12547	0.13219	0.06268	0.16037	0.09645
578505.014141456.4	578505	4141456	0.20443	0.14352	0.1505	0.06847	0.18686	0.10875
578525.014141456.4	578525	4141456	0.23295	0.16849	0.17552	0.07595	0.22466	0.12548
578545.014141456.4	578545	4141456	0.26481	0.19816	0.20428	0.08393	0.27099	0.14494
578565.014141456.4	578565	4141456	0.30713	0.2401	0.24389	0.0941	0.33913	0.17184
578585.014141456.4	578585	4141456	0.36203	0.2994	0.29776	0.1066	0.44003	0.20894
578605.014141456.4	578605	4141456	0.43303	0.38536	0.37195	0.12174	0.59429	0.26126
578625.014141456.4	578625	4141456	0.53043	0.52097	0.48289	0.14099	0.85257	0.34154
578645.014141456.4	578645	4141456	0.66977	0.7511	0.66205	0.16613	1.31966	0.47425
579045.014141456.4	579045	4141456	18.26757	3.65561	2.14742	27.73454	1.90133	12.39013
579065.014141456.4	579065	4141456	11.07641	2.62141	1.7443	16.685	1.56657	7.80727
579085.014141456.4	579085	4141456	7.48808	1.99948	1.44604	10.36148	1.30706	5.14535
579105.014141456.4	579105	4141456	5.49736	1.59706	1.22051	6.80234	1.10698	3.5891
579125.014141456.4	579125	4141456	4.26339	1.31728	1.04582	4.73573	0.95109	2.6444
579145.014141456.4	579145	4141456	3.42933	1.11098	0.90691	3.47361	0.82703	2.03926
579165.014141456.4	579165	4141456	2.82739	0.95151	0.79343	2.65412	0.72576	1.62731
579185.014141456.4	579185	4141456	2.37925	0.82603	0.70026	2.10181	0.64294	1.33658
579205.014141456.4	579205	4141456	2.03461	0.72506	0.6228	1.71187	0.57427	1.12263
579225.014141456.4	579225	4141456	1.76383	0.6427	0.55796	1.42679	0.5169	0.96033
579245.014141456.4	579245	4141456	1.54323	0.57341	0.50222	1.20795	0.46758	0.83168
579265.014141456.4	579265	4141456	1.36356	0.51539	0.45468	1.03856	0.4255	0.72917
578385.014141476.4	578385	4141476	0.11627	0.07354	0.07796	0.04334	0.08796	0.05971
578405.014141476.4	578405	4141476	0.12653	0.08107	0.08602	0.04649	0.09795	0.06522
578425.014141476.4	578425	4141476	0.13834	0.0899	0.09545	0.05005	0.10984	0.0716
578445.014141476.4	578445	4141476	0.15188	0.10026	0.10648	0.05404	0.12403	0.079
578465.014141476.4	578465	4141476	0.16811	0.11297	0.11996	0.0587	0.14177	0.08797
578485.014141476.4	578485	4141476	0.18781	0.12882	0.13667	0.0642	0.16437	0.09899
578505.014141476.4	578505	4141476	0.21011	0.14742	0.15601	0.07023	0.19145	0.11171
578525.014141476.4	578525	4141476	0.23969	0.17296	0.18234	0.07798	0.22977	0.12889
578545.014141476.4	578545	4141476	0.2706	0.20127	0.21063	0.08571	0.2734	0.14754
578565.014141476.4	578565	4141476	0.31273	0.24195	0.25046	0.09586	0.33854	0.17383
578585.014141476.4	578585	4141476	0.36663	0.2983	0.30357	0.1082	0.43297	0.20936
578605.014141476.4	578605	4141476	0.43718	0.3804	0.37695	0.12339	0.5783	0.25973
578625.014141476.4	578625	4141476	0.53221	0.50841	0.48336	0.14239	0.82041	0.336
578645.014141476.4	578645	4141476	0.66717	0.72963	0.65154	0.16709	1.27196	0.46398
579065.014141476.4	579065	4141476	9.50507	2.39096	1.62067	15.1429	1.48148	7.10941
579085.014141476.4	579085	4141476	6.64294	1.85152	1.35038	9.2859	1.23776	4.65578
579105.014141476.4	579105	4141476	4.97304	1.49086	1.14208	6.03968	1.04858	3.23761
579125.014141476.4	579125	4141476	3.90278	1.23525	0.97961	4.21413	0.90155	2.39631
579145.014141476.4	579145	4141476	3.16816	1.046	0.85098	3.12652	0.78581	1.86641
579165.014141476.4	579165	4141476	2.63345	0.89975	0.74657	2.42491	0.6922	1.50676
579185.014141476.4	579185	4141476	2.22265	0.78172	0.65899	1.93606	0.61378	1.24475
579205.014141476.4	579205	4141476	1.90684	0.68723	0.58673	1.59013	0.54921	1.05166
579225.014141476.4	579225	4141476	1.65755	0.61006	0.52625	1.33436	0.4952	0.9039
578385.014141496.4	578385	4141496	0.11939	0.0758	0.08042	0.0444	0.09095	0.06141
578405.014141496.4	578405	4141496	0.13014	0.0837	0.08894	0.04771	0.10146	0.06719
578425.014141496.4	578425	4141496	0.14232	0.09285	0.09879	0.05137	0.11379	0.0738
578445.014141496.4	578445	4141496	0.15642	0.10366	0.1104	0.05551	0.12859	0.08152
578465.014141496.4	578465	4141496	0.17312	0.11678	0.12448	0.06029	0.14687	0.09076
578485.014141496.4	578485	4141496	0.19337	0.1331	0.14194	0.06593	0.17008	0.1021
578505.014141496.4	578505	4141496	0.21638	0.15227	0.16227	0.07214	0.1979	0.11523
578525.014141496.4	578525	4141496	0.24721	0.17877	0.19028	0.08021	0.23746	0.13308
578545.014141496.4	578545	4141496	0.27887	0.20752	0.21996	0.08811	0.28149	0.15209
578565.014141496.4	578565	4141496	0.32089	0.24757	0.26067	0.09822	0.34499	0.17807
578585.014141496.4	578585	4141496	0.3748	0.30262	0.31508	0.11057	0.43605	0.21299
578605.014141496.4	578605	4141496	0.44464	0.38102	0.38924	0.12565	0.57269	0.26146
578625.014141496.4	578625	4141496	0.53795	0.5007	0.49502	0.14442	0.79533	0.33333
578645.014141496.4	578645	4141496	0.67152	0.70854	0.66063	0.16912	1.21501	0.45436
579085.014141496.4	579085	4141496	5.77272	1.69323	1.23824	8.00584	1.16188	4.08364
579105.014141496.4	579105	4141496	4.42224	1.37621	1.05203	5.22114	0.98772	2.86028
579125.014141496.4	579125	4141496	3.51474	1.14543	0.90453	3.69047	0.85092	2.14264
579145.014141496.4	579145	4141496	2.87885	0.97331	0.78757	2.78236	0.74339	1.68995
579165.014141496.4	579165	4141496	2.41041	0.84004	0.69275	2.19006	0.65661	1.37938
579185.014141496.4	579185	4141496	2.04809	0.73258	0.61346	1.77182	0.58412	1.15066
579205.014141496.4	579205	4141496	1.76491	0.64556	0.54729	1.46791	0.52366	0.97827
578385.014141516.4	578385	4141516	0.12219	0.07788	0.08271	0.04534	0.0938	0.06297
578405.014141516.4	578405	4141516	0.13367	0.08636	0.0919	0.04886	0.10513	0.06916
578425.014141516.4	578425	4141516	0.14669	0.09619	0.10257	0.05277	0.11845	0.07624
578445.014141516.4	578445	4141516	0.16138	0.10754	0.11486	0.05707	0.13404	0.08433
578465.014141516.4	578465	4141516	0.17879	0.12131	0.12978	0.06203	0.15331	0.09401
578485.014141516.4	578485	4141516	0.19967	0.13827	0.14816	0.06783	0.17751	0.10578
578505.014141516.4	578505	4141516	0.22377	0.15849	0.16996	0.07431	0.20694	0.1196
578525.014141516.4	578525	4141516	0.25644	0.18673	0.20047	0.08281	0.24924	0.13859
578545.014141516.4	578545	4141516	0.28888	0.21641	0.23192	0.09088	0.29474	0.1582
578565.014141516.4	578565	4141516	0.3332	0.25874	0.27653	0.1015	0.36193	0.18566

578585.014141516.4	578585	4141516	0.38826	0.31493	0.33467	0.11405	0.45479	0.22135
578605.014141516.4	578605	4141516	0.4593	0.39379	0.41406	0.12934	0.59157	0.27025
578625.014141516.4	578625	4141516	0.55438	0.51208	0.52799	0.14842	0.80941	0.34165
578645.014141516.4	578645	4141516	0.68811	0.70863	0.70321	0.17311	1.19992	0.45679
579085.014141516.4	579085	4141516	4.86554	1.51544	1.1108	6.58901	1.08196	3.45604
579105.014141516.4	579105	4141516	3.82748	1.24615	0.95036	4.40958	0.92438	2.47847
579125.014141516.4	579125	4141516	3.09522	1.04525	0.82209	3.19925	0.79998	1.89561
579145.014141516.4	579145	4141516	2.56408	0.89278	0.71863	2.45707	0.70067	1.51623
579165.014141516.4	579165	4141516	2.16558	0.77382	0.63416	1.96064	0.62009	1.2503
578385.014141536.4	578385	4141536	0.12554	0.08045	0.08561	0.0464	0.0974	0.06485
578405.014141536.4	578405	4141536	0.13723	0.08916	0.09511	0.04996	0.10911	0.07118
578425.014141536.4	578425	4141536	0.15094	0.0996	0.10651	0.05406	0.12335	0.07869
578445.014141536.4	578445	4141536	0.16694	0.11207	0.12016	0.05872	0.14065	0.08753
578465.014141536.4	578465	4141536	0.18526	0.12673	0.13621	0.06391	0.16134	0.0978
578485.014141536.4	578485	4141536	0.20714	0.14474	0.15596	0.06993	0.18727	0.11024
578505.014141536.4	578505	4141536	0.2325	0.16634	0.17963	0.07669	0.21903	0.12494
578525.014141536.4	578525	4141536	0.26813	0.19757	0.21412	0.08588	0.26644	0.14585
578545.014141536.4	578545	4141536	0.30127	0.22864	0.24775	0.09402	0.31456	0.16627
578565.014141536.4	578565	4141536	0.34894	0.2751	0.29829	0.10533	0.38929	0.19627
578585.014141536.4	578585	4141536	0.40779	0.33658	0.36458	0.11858	0.49235	0.23514
578605.014141536.4	578605	4141536	0.48251	0.42164	0.45503	0.13442	0.64208	0.28768
578625.014141536.4	578625	4141536	0.5831	0.54917	0.58781	0.15431	0.88002	0.36448
578645.014141536.4	578645	4141536	0.72024	0.75103	0.79029	0.17914	1.28393	0.4827
578665.014141536.4	578665	4141536	0.91713	1.10911	1.12598	0.21109	2.06255	0.68658
579105.014141536.4	579105	4141536	3.21761	1.10171	0.84189	3.6705	0.86013	2.1158
579125.014141536.4	579125	4141536	2.65737	0.93509	0.73404	2.74397	0.74764	1.65628
579185.014141536.4	579185	4141536	1.64879	0.61893	0.51148	1.43362	0.52043	0.94965
578385.014141556.4	578385	4141556	0.1294	0.08348	0.08916	0.04754	0.10174	0.06702
578405.014141556.4	578405	4141556	0.14165	0.09273	0.09931	0.05124	0.11428	0.07371
578425.014141556.4	578425	4141556	0.15584	0.10368	0.11137	0.05544	0.12938	0.08154
578445.014141556.4	578445	4141556	0.17263	0.11696	0.12605	0.06027	0.14801	0.09091
578465.014141556.4	578465	4141556	0.1925	0.13311	0.14396	0.06583	0.17111	0.10215
578485.014141556.4	578485	4141556	0.21563	0.15255	0.16555	0.07211	0.19949	0.11548
578505.014141556.4	578505	4141556	0.24305	0.17643	0.19214	0.0793	0.23519	0.13161
578525.014141556.4	578525	4141556	0.27971	0.20951	0.22923	0.08859	0.28619	0.15358
578545.014141556.4	578545	4141556	0.31669	0.24519	0.2689	0.09751	0.34277	0.17682
578565.014141556.4	578565	4141556	0.36787	0.29705	0.32684	0.10937	0.42818	0.20999
578585.014141556.4	578585	4141556	0.43201	0.36718	0.405	0.12344	0.54896	0.25388
578605.014141556.4	578605	4141556	0.5156	0.46758	0.51625	0.14065	0.73119	0.31526
578625.014141556.4	578625	4141556	0.6255	0.61686	0.67968	0.16157	1.01956	0.40425
578645.014141556.4	578645	4141556	0.77593	0.85674	0.93648	0.18762	1.51784	0.54361
578665.014141556.4	578665	4141556	0.98993	1.28022	1.37108	0.22054	2.4738	0.78381
578685.014141556.4	578685	4141556	1.31531	2.14859	2.18497	0.26357	4.58749	1.2682
579165.014141556.4	579165	4141556	1.65277	0.62986	0.51093	1.50977	0.5439	0.98819
579185.014141556.4	579185	4141556	1.44437	0.55871	0.45909	1.2603	0.48689	0.84563
579205.014141556.4	579205	4141556	1.27325	0.49925	0.41478	1.06934	0.4386	0.73331
578385.014141576.4	578385	4141576	0.134	0.08722	0.09363	0.04882	0.10713	0.06964
578405.014141576.4	578405	4141576	0.14691	0.09712	0.1046	0.05266	0.12072	0.07675
578425.014141576.4	578425	4141576	0.16202	0.10899	0.11781	0.05706	0.13731	0.08517
578445.014141576.4	578445	4141576	0.17983	0.12338	0.13389	0.0621	0.15779	0.09524
578465.014141576.4	578465	4141576	0.20059	0.14068	0.15328	0.06779	0.18292	0.10717
578485.014141576.4	578485	4141576	0.2255	0.16216	0.17748	0.07441	0.21487	0.12176
578505.014141576.4	578505	4141576	0.25593	0.18946	0.20836	0.0822	0.25655	0.14
578525.014141576.4	578525	4141576	0.29543	0.22645	0.25047	0.09193	0.31487	0.16428
578545.014141576.4	578545	4141576	0.33797	0.26921	0.29898	0.10186	0.38457	0.19178
578565.014141576.4	578565	4141576	0.39415	0.3293	0.36734	0.11437	0.48653	0.22967
578585.014141576.4	578585	4141576	0.46569	0.41267	0.4619	0.12936	0.63477	0.28109
578605.014141576.4	578605	4141576	0.55935	0.53414	0.59841	0.14763	0.86271	0.35426
578625.014141576.4	578625	4141576	0.68573	0.72207	0.80508	0.17024	1.23766	0.46474
578645.014141576.4	578645	4141576	0.86392	1.03841	1.13731	0.19893	1.91221	0.64636
578665.014141576.4	578665	4141576	1.1175	1.60783	1.6845	0.23449	3.2071	0.96617
578685.014141576.4	578685	4141576	1.50409	2.71983	2.61946	0.2802	5.77343	1.57581
578705.014141576.4	578705	4141576	2.14634	4.53896	4.14235	0.34137	9.37059	2.53515
579145.014141576.4	579145	4141576	1.61096	0.62915	0.50082	1.55291	0.5661	1.0081
579165.014141576.4	579165	4141576	1.41333	0.55838	0.45091	1.28903	0.50423	0.85854
579185.014141576.4	579185	4141576	1.25013	0.49944	0.40803	1.08916	0.45225	0.74263
579205.014141576.4	579205	4141576	1.11314	0.44912	0.37098	0.93347	0.40811	0.64924
579225.014141576.4	579225	4141576	0.99729	0.40607	0.33875	0.80955	0.37029	0.57305
579245.014141576.4	579245	4141576	0.89825	0.36857	0.31057	0.70908	0.33763	0.50927
579265.014141576.4	579265	4141576	0.81366	0.33669	0.28573	0.62644	0.30914	0.45688
578385.014141596.4	578385	4141596	0.13939	0.09172	0.0991	0.05023	0.11367	0.07274
578405.014141596.4	578405	4141596	0.15354	0.10277	0.11149	0.05436	0.12907	0.0806
578425.014141596.4	578425	4141596	0.16962	0.11571	0.12604	0.05893	0.14742	0.08969
578445.014141596.4	578445	4141596	0.1889	0.13168	0.14408	0.06425	0.17053	0.10074
578465.014141596.4	578465	4141596	0.21153	0.15109	0.16611	0.07029	0.19926	0.11397
578485.014141596.4	578485	4141596	0.23875	0.17537	0.19379	0.0773	0.23608	0.13025
578505.014141596.4	578505	4141596	0.27288	0.20712	0.23014	0.08575	0.28562	0.15118
578525.014141596.4	578525	4141596	0.31587	0.24921	0.27849	0.09593	0.35346	0.17841
578545.014141596.4	578545	4141596	0.36496	0.30091	0.33771	0.10688	0.4398	0.21117
578565.014141596.4	578565	4141596	0.43017	0.37453	0.42181	0.12068	0.56761	0.25688
578585.014141596.4	578585	4141596	0.51285	0.47709	0.53766	0.13697	0.75375	0.31915
578605.014141596.4	578605	4141596	0.62148	0.62778	0.70421	0.15667	1.04047	0.40858
578625.014141596.4	578625	4141596	0.77031	0.86324	0.95432	0.18118	1.50985	0.54521
578645.014141596.4	578645	4141596	0.98162	1.25169	1.34103	0.21212	2.31467	0.7657
578665.014141596.4	578665	4141596	1.29687	1.91723	1.9496	0.25217	3.70846	1.13499
578685.014141596.4	578685	4141596	1.78117	2.96972	2.86722	0.30375	5.78453	1.70394
578705.014141596.4	578705	4141596	2.55027	4.27542	4.1072	0.3701	7.83722	2.40189
578725.014141596.4	578725	4141596	3.8835	5.67035	5.65296	0.46379	8.92247	3.17347
578745.014141596.4	578745	4141596	6.18161	7.04203	7.42608	0.60016	8.48261	3.95545
579105.014141596.4	579105	4141596	1.74263	0.69479	0.5334	1.8987	0.66756	1.1926
579145.014141596.4	579145	4141596	1.34768	0.54796	0.43417	1.28031	0.51912	0.85122
579165.014141596.4	579165	4141596	1.19847	0.49102	0.39438	1.08131	0.46352	0.73556
579185.014141596.4	579185	4141596	1.07235	0.44251	0.3597	0.92645	0.4167	0.64323
579205.014141596.4	579205	4141596	0.96466	0.40086	0.32931	0.80328	0.37683	0.56808
579225.014141596.4	579225	4141596	0.87217	0.36466	0.30257	0.70354	0.34262	0.50561
579245.014141596.4	579245	4141596	0.79217	0.33304	0.27895	0.62161	0.31301	0.45304

579265.014141596.4	579265	4141596	0.7224	0.30566	0.2579	0.55314	0.28712	0.40906
579285.014141596.4	579285	4141596	0.6603	0.28013	0.23911	0.49479	0.26438	0.36898
579305.014141596.4	579305	4141596	0.60749	0.25911	0.22247	0.44681	0.24448	0.33687
579325.014141596.4	579325	4141596	0.56012	0.2401	0.2074	0.40481	0.22669	0.30844
579345.014141596.4	579345	4141596	0.51809	0.22353	0.19375	0.36835	0.21074	0.28433
578385.014141616.4	578385	4141616	0.14555	0.097	0.10556	0.05175	0.12137	0.07632
578405.014141616.4	578405	4141616	0.16109	0.10941	0.11961	0.05618	0.1389	0.08506
578425.014141616.4	578425	4141616	0.17918	0.12431	0.13655	0.06119	0.16036	0.09539
578445.014141616.4	578445	4141616	0.20028	0.14229	0.15707	0.06683	0.18681	0.10768
578465.014141616.4	578465	4141616	0.22542	0.16454	0.18255	0.07331	0.22029	0.12264
578485.014141616.4	578485	4141616	0.25583	0.1926	0.21478	0.08085	0.26359	0.1412
578505.014141616.4	578505	4141616	0.29383	0.22931	0.25703	0.08986	0.32182	0.16506
578525.014141616.4	578525	4141616	0.34386	0.28008	0.31554	0.10119	0.40489	0.19746
578545.014141616.4	578545	4141616	0.39891	0.34078	0.3847	0.11279	0.50738	0.23534
578565.014141616.4	578565	4141616	0.47528	0.43026	0.48584	0.12803	0.66341	0.29018
578585.014141616.4	578585	4141616	0.57273	0.55502	0.62395	0.14599	0.88847	0.36503
578605.014141616.4	578605	4141616	0.70314	0.73818	0.82044	0.168	1.22891	0.47269
578625.014141616.4	578625	4141616	0.88287	1.01531	1.10477	0.19539	1.75469	0.63237
578645.014141616.4	578645	4141616	1.13431	1.43408	1.51261	0.2293	2.54958	0.869
578665.014141616.4	578665	4141616	1.50857	2.0611	2.09989	0.27362	3.6842	1.21721
578685.014141616.4	578685	4141616	2.08271	2.90713	2.90264	0.33257	5.00988	1.68217
578705.014141616.4	578705	4141616	2.97178	3.87606	3.90072	0.41148	6.0745	2.22012
578725.014141616.4	578725	4141616	4.32966	4.85895	5.01802	0.51811	6.4783	2.77916
578745.014141616.4	578745	4141616	6.39959	5.89001	6.22821	0.67303	6.37504	3.38731
579065.014141616.4	579065	4141616	1.84379	0.75608	0.54845	2.25993	0.80337	1.3754
579085.014141616.4	579085	4141616	1.60517	0.66487	0.49538	1.79756	0.69091	1.13424
579105.014141616.4	579105	4141616	1.4137	0.59034	0.44931	1.47051	0.60204	0.95621
579125.014141616.4	579125	4141616	1.25592	0.52843	0.40899	1.22736	0.53012	0.82019
579165.014141616.4	579165	4141616	1.01144	0.42937	0.34257	0.89498	0.42204	0.62373
579185.014141616.4	579185	4141616	0.91482	0.39007	0.31497	0.77787	0.38048	0.5527
579205.014141616.4	579205	4141616	0.83123	0.35562	0.2905	0.68298	0.34508	0.49299
579225.014141616.4	579225	4141616	0.75839	0.32549	0.26872	0.60486	0.31465	0.44228
579245.014141616.4	579245	4141616	0.69442	0.2989	0.24922	0.53951	0.28821	0.39933
579265.014141616.4	579265	4141616	0.63795	0.27552	0.2317	0.48423	0.26506	0.36266
579285.014141616.4	579285	4141616	0.58553	0.25326	0.21545	0.43516	0.24421	0.32862
579305.014141616.4	579305	4141616	0.54199	0.23517	0.20147	0.39544	0.22643	0.30158
579325.014141616.4	579325	4141616	0.5033	0.21906	0.18882	0.36121	0.21063	0.27798
579345.014141616.4	579345	4141616	0.46799	0.20487	0.17705	0.33065	0.1962	0.25773
578385.014141636.4	578385	4141636	0.15318	0.10359	0.11359	0.05358	0.13094	0.08075
578405.014141636.4	578405	4141636	0.17015	0.11747	0.12943	0.05828	0.15078	0.09041
578425.014141636.4	578425	4141636	0.19012	0.13433	0.14873	0.06364	0.17536	0.10196
578445.014141636.4	578445	4141636	0.21398	0.15517	0.17267	0.06981	0.20638	0.11603
578465.014141636.4	578465	4141636	0.2426	0.18117	0.20257	0.07692	0.24594	0.1333
578485.014141636.4	578485	4141636	0.27674	0.21362	0.23988	0.08502	0.29646	0.15448
578505.014141636.4	578505	4141636	0.31964	0.25626	0.28882	0.09474	0.36445	0.18185
578525.014141636.4	578525	4141636	0.37416	0.31326	0.35385	0.10645	0.45755	0.21779
578545.014141636.4	578545	4141636	0.44077	0.38744	0.43752	0.11985	0.58179	0.26367
578565.014141636.4	578565	4141636	0.52882	0.49128	0.55274	0.13645	0.75942	0.32679
578585.014141636.4	578585	4141636	0.64646	0.63849	0.71219	0.15704	1.01531	0.4147
578605.014141636.4	578605	4141636	0.80202	0.84512	0.92894	0.18191	1.37739	0.53594
578625.014141636.4	578625	4141636	1.01307	1.13654	1.2242	0.2125	1.88316	0.70424
578645.014141636.4	578645	4141636	1.3119	1.54498	1.62664	0.25167	2.56055	0.93716
578665.014141636.4	578665	4141636	1.73942	2.07861	2.15108	0.30209	3.35218	1.23927
578685.014141636.4	578685	4141636	2.37462	2.72587	2.80828	0.37052	4.10557	1.60802
578705.014141636.4	578705	4141636	3.31038	3.43172	3.56266	0.46407	4.59979	2.01977
578725.014141636.4	578725	4141636	4.643	4.1312	4.33057	0.59085	4.73182	2.44483
579045.014141636.4	579045	4141636	1.68157	0.72311	0.49326	2.11191	0.83151	1.27788
579065.014141636.4	579065	4141636	1.46507	0.63243	0.4495	1.67053	0.70776	1.05338
579085.014141636.4	579085	4141636	1.29374	0.56094	0.41115	1.36435	0.61189	0.89141
579105.014141636.4	579105	4141636	1.15331	0.5022	0.37726	1.142	0.53571	0.7678
579125.014141636.4	579125	4141636	1.03675	0.45232	0.34721	0.97364	0.47409	0.66926
579165.014141636.4	579165	4141636	0.85276	0.37369	0.2962	0.73468	0.38043	0.52585
579185.014141636.4	579185	4141636	0.77928	0.34171	0.2747	0.6486	0.3445	0.47018
579205.014141636.4	579205	4141636	0.71457	0.31362	0.25524	0.57669	0.31361	0.42361
579225.014141636.4	579225	4141636	0.6574	0.28868	0.23768	0.51631	0.28691	0.38363
579245.014141636.4	579245	4141636	0.60657	0.26675	0.22176	0.46494	0.26362	0.34944
579265.014141636.4	579265	4141636	0.5611	0.24681	0.20735	0.42095	0.24321	0.31911
579285.014141636.4	579285	4141636	0.5194	0.22872	0.19406	0.38199	0.22499	0.29218
579305.014141636.4	579305	4141636	0.4832	0.21316	0.18217	0.34919	0.20902	0.2695
579325.014141636.4	579325	4141636	0.45045	0.19911	0.17129	0.32039	0.19474	0.24935
579345.014141636.4	579345	4141636	0.42102	0.18655	0.16131	0.2953	0.18191	0.23162
578385.014141656.4	578385	4141656	0.1626	0.11172	0.1234	0.0558	0.14266	0.08619
578405.014141656.4	578405	4141656	0.18142	0.12743	0.14141	0.06085	0.1653	0.097
578425.014141656.4	578425	4141656	0.20327	0.14629	0.16307	0.06651	0.19296	0.10978
578445.014141656.4	578445	4141656	0.22986	0.17001	0.19033	0.07314	0.22842	0.12562
578465.014141656.4	578465	4141656	0.26301	0.2006	0.22547	0.08109	0.27501	0.14574
578485.014141656.4	578485	4141656	0.30228	0.23846	0.26878	0.09005	0.33378	0.17021
578505.014141656.4	578505	4141656	0.35333	0.28943	0.32682	0.10118	0.4143	0.20267
578525.014141656.4	578525	4141656	0.41354	0.35284	0.39815	0.11349	0.51618	0.24233
578545.014141656.4	578545	4141656	0.49135	0.43818	0.4929	0.12851	0.65514	0.29491
578565.014141656.4	578565	4141656	0.59337	0.55437	0.61953	0.14699	0.84566	0.36543
578585.014141656.4	578585	4141656	0.72805	0.71254	0.78803	0.16974	1.10453	0.46012
578605.014141656.4	578605	4141656	0.90861	0.92735	1.01124	0.19805	1.44993	0.58715
578625.014141656.4	578625	4141656	1.15712	1.21668	1.30532	0.23431	1.89446	0.75682
578645.014141656.4	578645	4141656	1.49266	1.58052	1.67174	0.27947	2.40463	0.96922
578665.014141656.4	578665	4141656	1.95936	2.01509	2.11445	0.33838	2.91236	1.22457
578685.014141656.4	578685	4141656	2.63447	2.51568	2.63317	0.42108	3.33278	1.5259
578705.014141656.4	578705	4141656	3.54124	3.00617	3.14901	0.52876	3.53025	1.83506
578725.014141656.4	578725	4141656	4.81392	3.50977	3.63255	0.68454	3.60003	2.1767
579005.014141656.4	579005	4141656	1.81166	0.81193	0.48137	2.50269	1.0264	1.47287
579025.014141656.4	579025	4141656	1.54523	0.69159	0.43849	1.92618	0.84499	1.17505
579045.014141656.4	579045	4141656	1.34139	0.60051	0.40199	1.53236	0.71251	0.96867
579065.014141656.4	579065	4141656	1.18252	0.53026	0.37023	1.25213	0.6119	0.82002
579085.014141656.4	579085	4141656	1.054	0.47357	0.34216	1.04725	0.53317	0.70707
579105.014141656.4	579105	4141656	0.94874	0.42699	0.31712	0.89332	0.47014	0.61918
579125.014141656.4	579125	4141656	0.86072	0.38742	0.29458	0.77433	0.41862	0.54896

579145.014141656.4	579145	4141656	0.78583	0.35355	0.27423	0.67986	0.37588	0.49034
579185.014141656.4	579185	4141656	0.66438	0.29847	0.239	0.53898	0.30925	0.39885
579205.014141656.4	579205	4141656	0.61408	0.27573	0.22365	0.48484	0.28278	0.36301
579225.014141656.4	579225	4141656	0.56922	0.25544	0.20961	0.43862	0.25976	0.33187
579245.014141656.4	579245	4141656	0.52891	0.23743	0.19673	0.39867	0.23956	0.30511
579265.014141656.4	579265	4141656	0.49228	0.22039	0.18499	0.36415	0.22184	0.27974
579285.014141656.4	579285	4141656	0.4591	0.2056	0.17413	0.33329	0.20601	0.25838
579305.014141656.4	579305	4141656	0.42976	0.19268	0.16419	0.30715	0.19194	0.24005
579325.014141656.4	579325	4141656	0.40201	0.18036	0.1549	0.28289	0.17919	0.22279
579345.014141656.4	579345	4141656	0.3771	0.16938	0.14636	0.26176	0.16774	0.20763
578385.014141676.4	578385	4141676	0.17389	0.12137	0.13488	0.05843	0.15632	0.09265
578405.014141676.4	578405	4141676	0.19449	0.13886	0.15494	0.06378	0.18157	0.10456
578425.014141676.4	578425	4141676	0.21899	0.16028	0.1795	0.06992	0.21297	0.11895
578445.014141676.4	578445	4141676	0.24909	0.18737	0.21052	0.07719	0.25328	0.13689
578465.014141676.4	578465	4141676	0.28682	0.22233	0.2504	0.08594	0.30601	0.15972
578485.014141676.4	578485	4141676	0.33185	0.2656	0.29944	0.09589	0.37213	0.18755
578505.014141676.4	578505	4141676	0.39068	0.32352	0.36459	0.10834	0.46146	0.22434
578525.014141676.4	578525	4141676	0.46056	0.39506	0.44393	0.12224	0.57263	0.26908
578545.014141676.4	578545	4141676	0.55045	0.48919	0.54683	0.13921	0.71906	0.32723
578565.014141676.4	578565	4141676	0.66693	0.61292	0.67973	0.16001	0.90999	0.40283
578585.014141676.4	578585	4141676	0.81974	0.77499	0.85056	0.18581	1.15476	0.50098
578605.014141676.4	578605	4141676	1.02049	0.9825	1.06549	0.21784	1.45501	0.62592
578625.014141676.4	578625	4141676	1.29132	1.24442	1.33338	0.25912	1.80506	0.78365
578645.014141676.4	578645	4141676	1.65855	1.55985	1.65444	0.31323	2.17199	0.97537
578665.014141676.4	578665	4141676	2.15064	1.91197	2.0138	0.38428	2.49323	1.19445
578685.014141676.4	578685	4141676	2.79295	2.26861	2.37652	0.4768	2.6999	1.42697
578705.014141676.4	578705	4141676	3.64503	2.62491	2.71297	0.6057	2.80494	1.67831
578985.014141676.4	578985	4141676	1.68399	0.77093	0.43086	2.18917	1.01068	1.33041
579005.014141676.4	579005	4141676	1.43412	0.65463	0.3916	1.71241	0.82808	1.06992
579025.014141676.4	579025	4141676	1.24095	0.56667	0.35916	1.37659	0.69598	0.8851
579045.014141676.4	579045	4141676	1.08905	0.49871	0.33159	1.13414	0.59624	0.75046
579065.014141676.4	579065	4141676	0.96751	0.44382	0.30775	0.95233	0.51901	0.64659
579085.014141676.4	579085	4141676	0.86919	0.39984	0.28666	0.81321	0.45731	0.5671
579105.014141676.4	579105	4141676	0.78843	0.36271	0.26783	0.70599	0.40722	0.50284
579125.014141676.4	579125	4141676	0.72071	0.33129	0.2508	0.62135	0.36575	0.45015
579145.014141676.4	579145	4141676	0.66277	0.30444	0.23525	0.55272	0.33082	0.40682
579165.014141676.4	579165	4141676	0.61229	0.28102	0.22095	0.49569	0.30097	0.37064
579185.014141676.4	579185	4141676	0.568	0.26036	0.20784	0.44797	0.27538	0.33888
579205.014141676.4	579205	4141676	0.52871	0.24199	0.1958	0.40737	0.2532	0.31113
579225.014141676.4	579225	4141676	0.49334	0.22554	0.18465	0.37213	0.23373	0.28667
579245.014141676.4	579245	4141676	0.46129	0.21072	0.17429	0.34122	0.21649	0.2655
579265.014141676.4	579265	4141676	0.43226	0.19731	0.16472	0.31415	0.20123	0.24637
579285.014141676.4	579285	4141676	0.40584	0.18482	0.15589	0.2903	0.18767	0.22856
579305.014141676.4	579305	4141676	0.38068	0.17313	0.14755	0.26827	0.17533	0.21238
579325.014141676.4	579325	4141676	0.35903	0.16329	0.14	0.24976	0.16441	0.19896
579345.014141676.4	579345	4141676	0.33885	0.15444	0.13288	0.23264	0.15442	0.18704
578385.014141696.4	578385	4141696	0.18675	0.13216	0.1475	0.06139	0.17119	0.09988
578405.014141696.4	578405	4141696	0.20978	0.15184	0.16999	0.06721	0.19945	0.11319
578425.014141696.4	578425	4141696	0.2381	0.17658	0.19823	0.07414	0.23539	0.12972
578445.014141696.4	578445	4141696	0.27321	0.20795	0.23389	0.08242	0.28139	0.15042
578465.014141696.4	578465	4141696	0.31494	0.2463	0.27719	0.09184	0.33812	0.17539
578485.014141696.4	578485	4141696	0.36558	0.29401	0.33061	0.10278	0.40913	0.20607
578505.014141696.4	578505	4141696	0.43178	0.3571	0.40057	0.11658	0.50302	0.24625
578525.014141696.4	578525	4141696	0.51341	0.43618	0.4871	0.13279	0.62031	0.29607
578565.014141696.4	578565	4141696	0.74497	0.66102	0.72732	0.17561	0.94597	0.43593
578585.014141696.4	578585	4141696	0.91315	0.81879	0.89212	0.20502	1.16306	0.53355
578605.014141696.4	578605	4141696	1.131	1.01148	1.09069	0.24195	1.41077	0.65309
578625.014141696.4	578625	4141696	1.41308	1.23762	1.32146	0.28878	1.67073	0.7949
578645.014141696.4	578645	4141696	1.78804	1.49773	1.5837	0.35149	1.92171	0.96221
578665.014141696.4	578665	4141696	2.26497	1.76858	1.85174	0.43277	2.11689	1.14446
578685.014141696.4	578685	4141696	2.8597	2.0311	2.09649	0.53955	2.23556	1.33551
578945.014141696.4	578945	4141696	1.85246	0.84396	0.44577	2.46207	1.11388	1.48858
578965.014141696.4	578965	4141696	1.55997	0.70617	0.39619	1.91879	0.91134	1.1894
578985.014141696.4	578985	4141696	1.33419	0.60443	0.35698	1.51756	0.761	0.9681
579005.014141696.4	579005	4141696	1.15589	0.52579	0.3254	1.22822	0.64706	0.8051
579025.014141696.4	579025	4141696	1.01208	0.463	0.29949	1.0185	0.55903	0.68325
579045.014141696.4	579045	4141696	0.89633	0.41251	0.27771	0.86063	0.48946	0.59028
579065.014141696.4	579065	4141696	0.80251	0.37161	0.25897	0.73787	0.43327	0.51799
579085.014141696.4	579085	4141696	0.72586	0.33723	0.24256	0.64148	0.38721	0.45982
579105.014141696.4	579105	4141696	0.66237	0.30835	0.22792	0.56491	0.34881	0.4126
579125.014141696.4	579125	4141696	0.609	0.28362	0.21472	0.50341	0.31645	0.37274
579145.014141696.4	579145	4141696	0.5632	0.26238	0.20262	0.45268	0.28867	0.34022
579165.014141696.4	579165	4141696	0.52336	0.24369	0.19148	0.41025	0.26466	0.31263
579185.014141696.4	579185	4141696	0.48807	0.22711	0.18113	0.37402	0.24367	0.28826
579205.014141696.4	579205	4141696	0.45694	0.21229	0.17162	0.34323	0.22542	0.26685
579225.014141696.4	579225	4141696	0.42876	0.19894	0.16273	0.31618	0.2092	0.24788
579245.014141696.4	579245	4141696	0.40321	0.18666	0.15445	0.29241	0.1948	0.23038
579265.014141696.4	579265	4141696	0.37977	0.17579	0.14667	0.27111	0.18183	0.21569
579285.014141696.4	579285	4141696	0.35834	0.16569	0.13943	0.25217	0.17021	0.20191
579305.014141696.4	579305	4141696	0.33832	0.15586	0.13267	0.23519	0.15976	0.18843
579325.014141696.4	579325	4141696	0.32038	0.14774	0.12631	0.21981	0.15023	0.17763
579345.014141696.4	579345	4141696	0.30345	0.14002	0.12034	0.20581	0.14154	0.16762
578385.014141716.4	578385	4141716	0.20168	0.14426	0.16137	0.06489	0.18729	0.10806
578405.014141716.4	578405	4141716	0.22805	0.16664	0.18679	0.07143	0.21903	0.12315
578425.014141716.4	578425	4141716	0.26057	0.1947	0.21855	0.07925	0.25907	0.14187
578445.014141716.4	578445	4141716	0.29975	0.22913	0.25728	0.08834	0.30844	0.1646
578465.014141716.4	578465	4141716	0.34572	0.27039	0.30331	0.09858	0.36781	0.19153
578485.014141716.4	578485	4141716	0.4028	0.32214	0.36052	0.11086	0.44212	0.225
578505.014141716.4	578505	4141716	0.47746	0.38969	0.43437	0.12653	0.5383	0.26844
578525.014141716.4	578525	4141716	0.57058	0.47362	0.52492	0.14546	0.65609	0.32208
578605.014141716.4	578605	4141716	1.22537	1.01269	1.08382	0.26887	1.33159	0.66705
578625.014141716.4	578625	4141716	1.51308	1.20624	1.27741	0.32316	1.52426	0.79551
578645.014141716.4	578645	4141716	1.87432	1.41347	1.47901	0.39379	1.69316	0.9392
578665.014141716.4	578665	4141716	2.30706	1.61436	1.66418	0.48321	1.81221	1.08911
578685.014141716.4	578685	4141716	2.82768	1.80666	1.81735	0.60312	1.89644	1.2498
578905.014141716.4	578905	4141716	2.03636	0.85535	0.49261	2.72789	1.04096	1.606

578925.014141716.4	578925	4141716	1.70849	0.72047	0.42763	2.19462	0.85831	1.31123
578945.014141716.4	578945	4141716	1.44867	0.62148	0.37612	1.7391	0.73878	1.07182
578965.014141716.4	578965	4141716	1.2434	0.54156	0.33514	1.38264	0.64335	0.88124
578985.014141716.4	578985	4141716	1.0794	0.47656	0.30242	1.11805	0.56421	0.73511
579005.014141716.4	579005	4141716	0.94657	0.42284	0.27605	0.92541	0.49841	0.62416
579025.014141716.4	579025	4141716	0.83779	0.37899	0.25442	0.7825	0.44334	0.54029
579045.014141716.4	579045	4141716	0.74841	0.34222	0.23639	0.67263	0.39722	0.474
579065.014141716.4	579065	4141716	0.67479	0.31109	0.22105	0.58571	0.35831	0.42031
579085.014141716.4	579085	4141716	0.61378	0.28517	0.20769	0.51576	0.3251	0.37728
579105.014141716.4	579105	4141716	0.56266	0.26284	0.19583	0.45888	0.29644	0.34238
579125.014141716.4	579125	4141716	0.51971	0.2435	0.18526	0.41292	0.27187	0.31238
579145.014141716.4	579145	4141716	0.48281	0.22661	0.17563	0.3747	0.25039	0.28663
579165.014141716.4	579165	4141716	0.4506	0.2117	0.16673	0.34229	0.2314	0.26537
579185.014141716.4	579185	4141716	0.42215	0.19838	0.15848	0.31453	0.2146	0.24639
579205.014141716.4	579205	4141716	0.39697	0.18641	0.15087	0.29071	0.19978	0.22962
579225.014141716.4	579225	4141716	0.37422	0.17555	0.14372	0.26973	0.18649	0.21466
579245.014141716.4	579245	4141716	0.35315	0.16495	0.13705	0.25115	0.17458	0.19995
579265.014141716.4	579265	4141716	0.33455	0.15634	0.13074	0.23447	0.16375	0.18844
579285.014141716.4	579285	4141716	0.31706	0.1481	0.1248	0.21942	0.15395	0.17752
579305.014141716.4	579305	4141716	0.30042	0.13986	0.11922	0.2055	0.14504	0.16669
579325.014141716.4	579325	4141716	0.28563	0.13293	0.11395	0.19341	0.1369	0.15768
579345.014141716.4	579345	4141716	0.2719	0.12667	0.10898	0.18209	0.12944	0.14962
578385.014141736.4	578385	4141736	0.21865	0.15738	0.17607	0.06897	0.204	0.11706
578405.014141736.4	578405	4141736	0.24905	0.18271	0.20459	0.07645	0.23922	0.13417
578425.014141736.4	578425	4141736	0.28525	0.21328	0.23883	0.08509	0.28184	0.15462
578445.014141736.4	578445	4141736	0.32752	0.24949	0.27907	0.09484	0.33234	0.17863
578465.014141736.4	578465	4141736	0.3786	0.29356	0.32761	0.10628	0.39359	0.20763
578485.014141736.4	578485	4141736	0.44241	0.34851	0.38752	0.12024	0.46926	0.24359
578505.014141736.4	578505	4141736	0.53079	0.42365	0.46517	0.13926	0.56684	0.2929
578625.014141736.4	578625	4141736	1.57655	1.15329	1.2058	0.35901	1.37853	0.78528
578645.014141736.4	578645	4141736	1.9006	1.30968	1.34889	0.43408	1.48812	0.90458
578665.014141736.4	578665	4141736	2.2788	1.45895	1.47045	0.53118	1.56981	1.031
578865.014141736.4	578865	4141736	2.25601	1.04504	0.56263	2.6069	1.38577	1.68737
578885.014141736.4	578885	4141736	1.91314	0.81613	0.4828	2.32222	0.98573	1.42851
578905.014141736.4	578905	4141736	1.61284	0.66231	0.41824	1.9558	0.75013	1.18795
578925.014141736.4	578925	4141736	1.36641	0.55805	0.36584	1.60223	0.613	0.98269
578945.014141736.4	578945	4141736	1.17046	0.48531	0.32329	1.29557	0.52998	0.81617
578965.014141736.4	578965	4141736	1.01583	0.42845	0.28895	1.05098	0.47236	0.68205
578985.014141736.4	578985	4141736	0.89145	0.38341	0.26111	0.86533	0.42597	0.57963
579005.014141736.4	579005	4141736	0.78947	0.34542	0.23849	0.7276	0.38653	0.50023
579025.014141736.4	579025	4141736	0.70473	0.3131	0.21992	0.62345	0.35219	0.4379
579045.014141736.4	579045	4141736	0.634	0.28551	0.20447	0.54198	0.32205	0.38786
579065.014141736.4	579065	4141736	0.57485	0.26236	0.19137	0.47645	0.29545	0.34771
579085.014141736.4	579085	4141736	0.52529	0.24253	0.18007	0.42317	0.27196	0.315
579105.014141736.4	579105	4141736	0.48341	0.2251	0.17012	0.37942	0.25108	0.28765
579125.014141736.4	579125	4141736	0.4481	0.20987	0.16136	0.34379	0.23276	0.26422
579145.014141736.4	579145	4141736	0.41771	0.19643	0.15343	0.31398	0.21638	0.24427
579165.014141736.4	579165	4141736	0.39118	0.18447	0.14615	0.28864	0.20166	0.22705
579185.014141736.4	579185	4141736	0.36775	0.17373	0.13941	0.26682	0.18839	0.21199
579205.014141736.4	579205	4141736	0.34704	0.16403	0.1332	0.24805	0.17653	0.19864
579225.014141736.4	579225	4141736	0.32836	0.15518	0.12739	0.23149	0.16577	0.18668
579245.014141736.4	579245	4141736	0.31135	0.147	0.12192	0.21673	0.15599	0.17554
579265.014141736.4	579265	4141736	0.29558	0.13915	0.11676	0.20345	0.14706	0.16525
579285.014141736.4	579285	4141736	0.28124	0.13233	0.11187	0.19142	0.13888	0.15641
579305.014141736.4	579305	4141736	0.26799	0.12627	0.10724	0.18045	0.13135	0.14868
579325.014141736.4	579325	4141736	0.25555	0.12031	0.10286	0.17042	0.12445	0.14113
579345.014141736.4	579345	4141736	0.24388	0.11473	0.09869	0.16114	0.11805	0.13413
578385.014141756.4	578385	4141756	0.23854	0.17189	0.19196	0.07398	0.22163	0.12723
578405.014141756.4	578405	4141756	0.27188	0.19903	0.2222	0.08218	0.25852	0.14565
578425.014141756.4	578425	4141756	0.31119	0.23128	0.25787	0.0916	0.30224	0.16738
578445.014141756.4	578445	4141756	0.35811	0.26988	0.3002	0.10259	0.35431	0.19324
578465.014141756.4	578465	4141756	0.41429	0.31604	0.35032	0.11546	0.41601	0.22403
578485.014141756.4	578485	4141756	0.48823	0.37548	0.41414	0.13243	0.49415	0.26375
578845.014141756.4	578845	4141756	2.08534	0.9866	0.54873	2.0906	1.28761	1.45219
578865.014141756.4	578865	4141756	1.80205	0.79019	0.47362	1.95445	0.95582	1.27155
578885.014141756.4	578885	4141756	1.54001	0.64403	0.41158	1.72169	0.73251	1.0852
578905.014141756.4	578905	4141756	1.31195	0.53649	0.36009	1.46178	0.58136	0.91524
578925.014141756.4	578925	4141756	1.12241	0.45674	0.31735	1.21569	0.47972	0.76835
578945.014141756.4	578945	4141756	0.97093	0.39745	0.28201	1.00206	0.41342	0.64606
578965.014141756.4	578965	4141756	0.84992	0.35285	0.25285	0.82846	0.36809	0.5491
578985.014141756.4	578985	4141756	0.75182	0.31715	0.22894	0.69437	0.33454	0.47188
579005.014141756.4	579005	4141756	0.67051	0.28763	0.20926	0.59171	0.30733	0.41152
579025.014141756.4	579025	4141756	0.60223	0.26289	0.19299	0.51195	0.28396	0.36372
579045.014141756.4	579045	4141756	0.54463	0.24201	0.17939	0.44835	0.26329	0.32528
579065.014141756.4	579065	4141756	0.49602	0.22379	0.16791	0.39674	0.24477	0.29364
579085.014141756.4	579085	4141756	0.45494	0.20796	0.15807	0.35446	0.22808	0.26735

			Phase II		Phase III		All Phases
XY	X	Y	Demolition	Construction	Demolition	Construction	Haul
578385.014141176.4	578385	4141176	0.03083	0.03021	0.05159	0.05063	0.04412
578405.014141176.4	578405	4141176	0.03344	0.03274	0.05732	0.05615	0.04631
578425.014141176.4	578425	4141176	0.03648	0.03568	0.0641	0.06267	0.04897
578445.014141176.4	578445	4141176	0.04005	0.03913	0.07223	0.07045	0.05358
578465.014141176.4	578465	4141176	0.04396	0.0429	0.08134	0.07916	0.05528
578485.014141176.4	578485	4141176	0.04857	0.04735	0.0923	0.08956	0.05974
578505.014141176.4	578505	4141176	0.05503	0.0527	0.10771	0.10219	0.06437
578525.014141176.4	578525	4141176	0.06147	0.05878	0.12337	0.11672	0.0687
578545.014141176.4	578545	4141176	0.06923	0.06734	0.14222	0.13648	0.07545
578565.014141176.4	578565	4141176	0.07812	0.07585	0.16387	0.15399	0.07951
578585.014141176.4	578585	4141176	0.08884	0.08608	0.18975	0.18006	0.08854
578605.014141176.4	578605	4141176	0.10159	0.09819	0.22019	0.20761	0.0975
578625.014141176.4	578625	4141176	0.11653	0.11232	0.25533	0.23617	0.10003
578645.014141176.4	578645	4141176	0.13445	0.12676	0.29677	0.27261	0.10823
578665.014141176.4	578665	4141176	0.15657	0.14992	0.34691	0.31642	0.11931
578685.014141176.4	578685	4141176	0.18386	0.17532	0.4077	0.37366	0.13911
578705.014141176.4	578705	4141176	0.21599	0.2051	0.47825	0.43502	0.15378
578725.014141176.4	578725	4141176	0.2544	0.24055	0.56164	0.50699	0.17076
578745.014141176.4	578745	4141176	0.30095	0.28332	0.66191	0.59274	0.19123
578765.014141176.4	578765	4141176	0.35537	0.33323	0.77819	0.69134	0.21376
578785.014141176.4	578785	4141176	0.42109	0.39336	0.91736	0.80823	0.24119
578805.014141176.4	578805	4141176	0.49989	0.46532	1.08139	0.94471	0.27378
578825.014141176.4	578825	4141176	0.59617	0.553	1.27557	1.105	0.31352
578845.014141176.4	578845	4141176	0.71429	0.66011	1.50102	1.29016	0.36071
578865.014141176.4	578865	4141176	0.85292	0.78544	1.74429	1.49027	0.41075
578885.014141176.4	578885	4141176	1.02282	0.93805	2.00874	1.7096	0.46693
578905.014141176.4	578905	4141176	1.22757	1.12081	2.27934	1.93846	0.52566
578925.014141176.4	578925	4141176	1.47394	1.33938	2.54219	2.16855	0.58609
578945.014141176.4	578945	4141176	1.76666	1.598	2.77935	2.38807	0.64609
578965.014141176.4	578965	4141176	2.09294	1.88678	2.96248	2.57418	0.70116
578985.014141176.4	578985	4141176	2.44626	2.20207	3.08032	2.71645	0.75141
579005.014141176.4	579005	4141176	2.80511	2.52816	3.12181	2.80176	0.79562
579025.014141176.4	579025	4141176	3.15983	2.86091	3.09468	2.83235	0.83925
579045.014141176.4	579045	4141176	3.47881	3.17684	3.0038	2.80606	0.88421
579065.014141176.4	579065	4141176	3.72603	3.44568	2.85864	2.72502	0.92999
579085.014141176.4	579085	4141176	3.86966	3.63555	2.67074	2.59489	0.97564
579105.014141176.4	579105	4141176	3.90188	3.7332	2.45924	2.43089	1.02388
579125.014141176.4	579125	4141176	3.82373	3.73009	2.23843	2.24592	1.07537
579145.014141176.4	579145	4141176	3.64866	3.62866	2.01886	2.05119	1.12997
579165.014141176.4	579165	4141176	3.39665	3.43974	1.80621	1.8542	1.18604
579185.014141176.4	579185	4141176	3.10687	3.19717	1.61368	1.66987	1.24982
579205.014141176.4	579205	4141176	2.79295	2.91293	1.43584	1.49526	1.3149
579225.014141176.4	579225	4141176	2.48193	2.61572	1.27718	1.33646	1.38429
578385.014141196.4	578385	4141196	0.03048	0.02988	0.05075	0.04984	0.04501
578405.014141196.4	578405	4141196	0.03299	0.03231	0.05637	0.05527	0.0472
578425.014141196.4	578425	4141196	0.03594	0.03517	0.06306	0.06172	0.04991
578445.014141196.4	578445	4141196	0.03929	0.03842	0.07085	0.06919	0.05271
578465.014141196.4	578465	4141196	0.04319	0.04218	0.08009	0.07803	0.05737
578485.014141196.4	578485	4141196	0.04863	0.04658	0.09112	0.08854	0.06134
578505.014141196.4	578505	4141196	0.05399	0.05169	0.10626	0.10095	0.0654
578525.014141196.4	578525	4141196	0.06035	0.05776	0.12223	0.11583	0.07047
578545.014141196.4	578545	4141196	0.06786	0.06608	0.1412	0.13576	0.0761
578565.014141196.4	578565	4141196	0.07677	0.07462	0.16373	0.15657	0.08682
578585.014141196.4	578585	4141196	0.08731	0.08469	0.19033	0.18092	0.09332
578605.014141196.4	578605	4141196	0.0997	0.0965	0.22142	0.2091	0.09588
578625.014141196.4	578625	4141196	0.11458	0.11062	0.25827	0.239	0.10231
578645.014141196.4	578645	4141196	0.1331	0.12809	0.30328	0.28226	0.11549
578665.014141196.4	578665	4141196	0.15602	0.14957	0.35795	0.33045	0.13104
578685.014141196.4	578685	4141196	0.1831	0.17483	0.42142	0.38595	0.14435
578705.014141196.4	578705	4141196	0.21588	0.20524	0.49695	0.45147	0.15959
578725.014141196.4	578725	4141196	0.2556	0.24189	0.58717	0.52906	0.1775
578745.014141196.4	578745	4141196	0.3039	0.28625	0.69571	0.62151	0.19909
578765.014141196.4	578765	4141196	0.36274	0.34006	0.82668	0.73193	0.22508
578785.014141196.4	578785	4141196	0.43251	0.40372	0.98008	0.86001	0.25473
578805.014141196.4	578805	4141196	0.51779	0.48137	1.16424	1.01216	0.2913
578825.014141196.4	578825	4141196	0.62122	0.57528	1.38027	1.18906	0.33439
578845.014141196.4	578845	4141196	0.74907	0.69093	1.63279	1.3946	0.38628
578865.014141196.4	578865	4141196	0.90637	0.83249	1.91706	1.62598	0.44515
578885.014141196.4	578885	4141196	1.0939	1.00042	2.21529	1.87109	0.50679
578905.014141196.4	578905	4141196	1.32435	1.20526	2.52313	2.12952	0.57206
578925.014141196.4	578925	4141196	1.60533	1.45323	2.82082	2.38934	0.63884
578945.014141196.4	578945	4141196	1.9387	1.74609	3.0817	2.6323	0.70314
578965.014141196.4	578965	4141196	2.31839	2.07985	3.27988	2.83816	0.76272
578985.014141196.4	578985	4141196	2.71804	2.43437	3.38971	2.98254	0.81236
579005.014141196.4	579005	4141196	3.13909	2.81499	3.41816	3.06792	0.85993
579025.014141196.4	579025	4141196	3.55408	3.20413	3.36714	3.08889	0.90755
579045.014141196.4	579045	4141196	3.90885	3.55898	3.23801	3.03763	0.95361
579065.014141196.4	579065	4141196	4.17645	3.85843	3.05424	2.92803	1.00244
579085.014141196.4	579085	4141196	4.30629	4.04994	2.82253	2.76097	1.04885
579105.014141196.4	579105	4141196	4.3013	4.12837	2.57055	2.55992	1.09864
579125.014141196.4	579125	4141196	4.17006	4.08941	2.31654	2.34224	1.1536
579145.014141196.4	579145	4141196	3.93755	3.9439	2.07448	2.12342	1.21595
579165.014141196.4	579165	4141196	3.62494	3.70153	1.84436	1.90662	1.28056
579185.014141196.4	579185	4141196	3.26711	3.39224	1.63183	1.70005	1.34766
579205.014141196.4	579205	4141196	2.90095	3.05281	1.44281	1.5119	1.42046
579225.014141196.4	579225	4141196	2.55068	2.71102	1.27728	1.34424	1.4998
579245.014141196.4	579245	4141196	2.232	2.38801	1.13406	1.19728	1.58745
578385.014141216.4	578385	4141216	0.03025	0.02965	0.04992	0.04904	0.04601
578405.014141216.4	578405	4141216	0.03266	0.032	0.05545	0.05439	0.04823
578425.014141216.4	578425	4141216	0.03546	0.03471	0.06194	0.06067	0.05077
578445.014141216.4	578445	4141216	0.03869	0.03785	0.0696	0.06805	0.05359
578465.014141216.4	578465	4141216	0.04249	0.04152	0.07876	0.07683	0.05844

578485.014141216.4	578485	4141216	0.04783	0.04578	0.08967	0.08724	0.06246
578505.014141216.4	578505	4141216	0.05297	0.0507	0.10459	0.0995	0.06641
578525.014141216.4	578525	4141216	0.05924	0.05781	0.12079	0.11465	0.07192
578545.014141216.4	578545	4141216	0.06659	0.06489	0.13999	0.13487	0.08195
578565.014141216.4	578565	4141216	0.07531	0.07328	0.16298	0.15617	0.08875
578585.014141216.4	578585	4141216	0.08571	0.08324	0.19043	0.18137	0.09593
578605.014141216.4	578605	4141216	0.09793	0.09493	0.22266	0.21065	0.10298
578625.014141216.4	578625	4141216	0.11294	0.1092	0.26178	0.24583	0.11179
578645.014141216.4	578645	4141216	0.13171	0.12694	0.30991	0.28863	0.12331
578665.014141216.4	578665	4141216	0.15418	0.14806	0.36665	0.3386	0.1355
578685.014141216.4	578685	4141216	0.18183	0.1739	0.43515	0.39836	0.15
578705.014141216.4	578705	4141216	0.21508	0.2048	0.51602	0.46831	0.16571
578725.014141216.4	578725	4141216	0.25583	0.24243	0.6135	0.55185	0.18459
578745.014141216.4	578745	4141216	0.30617	0.28865	0.73224	0.65256	0.20794
578765.014141216.4	578765	4141216	0.36839	0.34547	0.87721	0.77414	0.23662
578785.014141216.4	578785	4141216	0.44396	0.41423	1.0508	0.91807	0.2705
578805.014141216.4	578805	4141216	0.53516	0.49701	1.25592	1.0863	0.31035
578825.014141216.4	578825	4141216	0.64753	0.59871	1.50009	1.28446	0.35865
578845.014141216.4	578845	4141216	0.78676	0.72425	1.7855	1.51446	0.41604
578925.014141216.4	578925	4141216	1.75114	1.57899	3.14203	2.64107	0.69814
578945.014141216.4	578945	4141216	2.13017	1.90995	3.42731	2.90893	0.76603
578965.014141216.4	578965	4141216	2.5802	2.3024	3.64489	3.14073	0.83139
578985.014141216.4	578985	4141216	3.05794	2.72306	3.75418	3.29777	0.88619
579005.014141216.4	579005	4141216	3.54852	3.16467	3.75826	3.37609	0.93531
579025.014141216.4	579025	4141216	4.01289	3.60069	3.66263	3.37065	0.98097
579045.014141216.4	579045	4141216	4.41037	4.00282	3.48698	3.28845	1.02809
579065.014141216.4	579065	4141216	4.69231	4.33061	3.25364	3.1405	1.07875
579085.014141216.4	579085	4141216	4.80619	4.52732	2.97543	2.93339	1.12893
579105.014141216.4	579105	4141216	4.75328	4.58147	2.68077	2.69203	1.18247
579125.014141216.4	579125	4141216	4.55795	4.49989	2.39494	2.44159	1.24457
579145.014141216.4	579145	4141216	4.24512	4.28827	2.12403	2.19167	1.31231
579165.014141216.4	579165	4141216	3.84882	3.96841	1.86977	1.94783	1.38165
579185.014141216.4	579185	4141216	3.42176	3.58907	1.64296	1.72382	1.4574
579205.014141216.4	579205	4141216	3.00316	3.19154	1.44576	1.52478	1.54216
579225.014141216.4	579225	4141216	2.6177	2.80704	1.27647	1.35124	1.63775
579245.014141216.4	579245	4141216	2.2653	2.44289	1.12709	1.19631	1.73666
578385.014141236.4	578385	4141236	0.03004	0.02944	0.04896	0.04811	0.04658
578405.014141236.4	578405	4141236	0.03247	0.0318	0.05453	0.05352	0.05078
578425.014141236.4	578425	4141236	0.03512	0.03439	0.06085	0.05964	0.05287
578445.014141236.4	578445	4141236	0.03823	0.03741	0.06837	0.0669	0.05621
578465.014141236.4	578465	4141236	0.04186	0.04093	0.07732	0.07552	0.05983
578485.014141236.4	578485	4141236	0.04709	0.04503	0.08804	0.08578	0.06354
578505.014141236.4	578505	4141236	0.05226	0.05003	0.10323	0.09847	0.06867
578525.014141236.4	578525	4141236	0.05832	0.05694	0.11937	0.11576	0.07888
578545.014141236.4	578545	4141236	0.06529	0.06368	0.13831	0.13356	0.08361
578565.014141236.4	578565	4141236	0.07377	0.07186	0.16157	0.15519	0.0906
578585.014141236.4	578585	4141236	0.08406	0.08174	0.18995	0.18132	0.0984
578605.014141236.4	578605	4141236	0.09612	0.0933	0.22337	0.21178	0.10605
578625.014141236.4	578625	4141236	0.11086	0.10737	0.26398	0.24836	0.115
578645.014141236.4	578645	4141236	0.12929	0.12485	0.31409	0.29299	0.12665
578665.014141236.4	578665	4141236	0.15185	0.14612	0.37454	0.34621	0.13984
578685.014141236.4	578685	4141236	0.17975	0.17225	0.44797	0.41015	0.15528
578705.014141236.4	578705	4141236	0.21377	0.20394	0.53587	0.48595	0.17253
578725.014141236.4	578725	4141236	0.25569	0.24272	0.64218	0.5767	0.19299
578745.014141236.4	578745	4141236	0.30739	0.29023	0.77104	0.68555	0.2175
578765.014141236.4	578765	4141236	0.37211	0.34932	0.92988	0.81809	0.24805
578785.014141236.4	578785	4141236	0.45378	0.42346	1.12711	0.98043	0.28721
578805.014141236.4	578805	4141236	0.55223	0.51255	1.35916	1.16919	0.33206
578825.014141236.4	578825	4141236	0.67492	0.62317	1.63784	1.39317	0.38689
578945.014141236.4	578945	4141236	2.35948	2.10479	3.83761	3.23551	0.84049
578965.014141236.4	578965	4141236	2.87177	2.54821	4.05716	3.4804	0.90575
578985.014141236.4	578985	4141236	3.45397	3.05636	4.16584	3.6546	0.96607
579005.014141236.4	579005	4141236	4.02538	3.56806	4.13353	3.71905	1.01539
579025.014141236.4	579025	4141236	4.56191	4.07232	3.98752	3.68539	1.06196
579045.014141236.4	579045	4141236	5.00255	4.52501	3.7513	3.56087	1.10937
579065.014141236.4	579065	4141236	5.28736	4.87484	3.4539	3.36133	1.16002
579085.014141236.4	579085	4141236	5.38339	5.08358	3.12897	3.11254	1.21794
579105.014141236.4	579105	4141236	5.26831	5.1068	2.79078	2.82832	1.27842
579125.014141236.4	579125	4141236	4.97776	4.95484	2.46384	2.53493	1.34473
579145.014141236.4	579145	4141236	4.55841	4.65173	2.15931	2.24798	1.41635
579165.014141236.4	579165	4141236	4.07377	4.24796	1.88792	1.98276	1.49659
579185.014141236.4	579185	4141236	3.5712	3.7887	1.64881	1.74272	1.58414
579205.014141236.4	579205	4141236	3.0944	3.32389	1.44326	1.5323	1.68236
579225.014141236.4	579225	4141236	2.66927	2.88957	1.26927	1.35169	1.79486
579245.014141236.4	579245	4141236	2.28542	2.48493	1.11554	1.19041	1.90926
578385.014141256.4	578385	4141256	0.03002	0.0294	0.0481	0.04724	0.04737
578405.014141256.4	578405	4141256	0.03233	0.03166	0.05351	0.05251	0.05161
578425.014141256.4	578425	4141256	0.03586	0.03425	0.06099	0.05869	0.05494
578445.014141256.4	578445	4141256	0.03888	0.03713	0.06718	0.06578	0.05782
578465.014141256.4	578465	4141256	0.04238	0.04047	0.07588	0.07418	0.06102
578485.014141256.4	578485	4141256	0.04651	0.04444	0.08811	0.08434	0.06485
578505.014141256.4	578505	4141256	0.05151	0.05037	0.10144	0.09695	0.07017
578525.014141256.4	578525	4141256	0.05731	0.05599	0.11732	0.114	0.07986
578545.014141256.4	578545	4141256	0.06405	0.06252	0.13625	0.13187	0.08156
578565.014141256.4	578565	4141256	0.07228	0.07047	0.1597	0.1538	0.09249
578585.014141256.4	578585	4141256	0.08235	0.08018	0.1887	0.18061	0.10082
578605.014141256.4	578605	4141256	0.09441	0.09176	0.22375	0.21265	0.1097
578625.014141256.4	578625	4141256	0.10871	0.10546	0.2655	0.2504	0.11855
578645.014141256.4	578645	4141256	0.12641	0.12234	0.3168	0.29619	0.12945
578665.014141256.4	578665	4141256	0.14894	0.14366	0.38112	0.35285	0.14375
578685.014141256.4	578685	4141256	0.17668	0.16975	0.45912	0.42073	0.15986
578705.014141256.4	578705	4141256	0.21164	0.20239	0.55556	0.50365	0.17962
578725.014141256.4	578725	4141256	0.25442	0.24208	0.67139	0.60217	0.20177
578745.014141256.4	578745	4141256	0.30779	0.2912	0.81307	0.72129	0.22831
578765.014141256.4	578765	4141256	0.37514	0.35274	0.98859	0.86693	0.26172
578785.014141256.4	578785	4141256	0.4607	0.43036	1.20718	1.04572	0.30396

578805.014141256.4	578805	4141256	0.56917	0.52819	1.47717	1.26322	0.35714
578965.014141256.4	578965	4141256	3.22594	2.84425	4.54286	3.88055	0.99244
578985.014141256.4	578985	4141256	3.89954	3.42683	4.6223	4.0508	1.05086
579005.014141256.4	579005	4141256	4.6028	4.05224	4.55562	4.10967	1.10493
579025.014141256.4	579025	4141256	5.2181	4.63157	4.34007	4.0339	1.15055
579045.014141256.4	579045	4141256	5.71299	5.15005	4.03233	3.8584	1.19994
579065.014141256.4	579065	4141256	6.00226	5.5331	3.66539	3.60136	1.25425
579085.014141256.4	579085	4141256	6.04981	5.73348	3.27936	3.29574	1.31723
579105.014141256.4	579105	4141256	5.83448	5.69545	2.88521	2.95493	1.3814
579125.014141256.4	579125	4141256	5.42317	5.45295	2.5176	2.61672	1.45425
579145.014141256.4	579145	4141256	4.88502	5.04622	2.1871	2.29834	1.53627
579165.014141256.4	579165	4141256	4.29565	4.53797	1.89846	2.01079	1.62909
579185.014141256.4	579185	4141256	3.71472	3.99079	1.6503	1.7575	1.73367
579205.014141256.4	579205	4141256	3.17548	3.45022	1.43679	1.53576	1.84817
579225.014141256.4	579225	4141256	2.70054	2.95304	1.25518	1.34472	1.97496
579245.014141256.4	579245	4141256	2.29229	2.51327	1.10014	1.18008	2.11275
579265.014141256.4	579265	4141256	1.94463	2.13226	0.96676	1.03738	2.25774
578385.014141276.4	578385	4141276	0.03111	0.03047	0.04873	0.04781	0.05183
578405.014141276.4	578405	4141276	0.03237	0.03167	0.05254	0.05154	0.0525
578425.014141276.4	578425	4141276	0.03576	0.03413	0.05867	0.05752	0.05578
578445.014141276.4	578445	4141276	0.03877	0.03704	0.0673	0.0647	0.0593
578465.014141276.4	578465	4141276	0.04214	0.04025	0.07597	0.07294	0.06254
578485.014141276.4	578485	4141276	0.04613	0.04407	0.08651	0.08294	0.06644
578505.014141276.4	578505	4141276	0.05081	0.04857	0.09929	0.09499	0.07122
578525.014141276.4	578525	4141276	0.05641	0.05513	0.115	0.10979	0.0765
578545.014141276.4	578545	4141276	0.06296	0.06149	0.13394	0.12993	0.08241
578565.014141276.4	578565	4141276	0.07081	0.0691	0.15719	0.1518	0.09354
578585.014141276.4	578585	4141276	0.08058	0.07854	0.18654	0.17908	0.10261
578605.014141276.4	578605	4141276	0.09225	0.08979	0.22221	0.21187	0.11179
578625.014141276.4	578625	4141276	0.10662	0.1036	0.26641	0.25197	0.12248
578645.014141276.4	578645	4141276	0.12385	0.1201	0.31964	0.29964	0.13366
578665.014141276.4	578665	4141276	0.14569	0.14088	0.38645	0.35862	0.14774
578685.014141276.4	578685	4141276	0.17316	0.16685	0.46944	0.43085	0.16504
578705.014141276.4	578705	4141276	0.20799	0.19952	0.5728	0.51959	0.18588
578725.014141276.4	578725	4141276	0.25233	0.24077	0.7018	0.62888	0.21121
578745.014141276.4	578745	4141276	0.30698	0.29123	0.85764	0.7593	0.24025
578765.014141276.4	578765	4141276	0.37764	0.35586	1.0548	0.92188	0.27779
578785.014141276.4	578785	4141276	0.46766	0.43754	1.3003	1.1212	0.32462
578985.014141276.4	578985	4141276	4.44646	3.87689	5.14998	4.51296	1.14771
579005.014141276.4	579005	4141276	5.2754	4.60807	5.0143	4.54093	1.20003
579025.014141276.4	579025	4141276	6.0299	5.31981	4.72955	4.42803	1.25151
579045.014141276.4	579045	4141276	6.57743	5.91017	4.33093	4.18444	1.30236
579065.014141276.4	579065	4141276	6.86232	6.3323	3.88552	3.85969	1.36261
579085.014141276.4	579085	4141276	6.80798	6.48239	3.41416	3.47242	1.42455
579105.014141276.4	579105	4141276	6.46824	6.37253	2.96938	3.07655	1.49847
579125.014141276.4	579125	4141276	5.90585	6.01359	2.5636	2.69346	1.58196
579145.014141276.4	579145	4141276	5.22707	5.47815	2.20975	2.34482	1.67882
579165.014141276.4	579165	4141276	4.51284	4.83848	1.90272	2.03292	1.78565
579185.014141276.4	579185	4141276	3.83396	4.17696	1.64144	1.76166	1.90481
579205.014141276.4	579205	4141276	3.22908	3.55217	1.42101	1.52923	2.03801
579225.014141276.4	579225	4141276	2.71146	2.99612	1.2355	1.3314	2.18641
579245.014141276.4	579245	4141276	2.27624	2.51711	1.07835	1.16238	2.34804
579265.014141276.4	579265	4141276	1.92204	2.12145	0.94737	1.02052	2.53071
578385.014141296.4	578385	4141296	0.0305	0.0298	0.04669	0.04571	0.05078
578405.014141296.4	578405	4141296	0.03359	0.03286	0.05332	0.05223	0.05997
578425.014141296.4	578425	4141296	0.03585	0.03425	0.05885	0.05648	0.05691
578445.014141296.4	578445	4141296	0.03871	0.03697	0.06598	0.06335	0.06019
578465.014141296.4	578465	4141296	0.04208	0.04021	0.07464	0.07168	0.06448
578485.014141296.4	578485	4141296	0.04595	0.04494	0.08498	0.08156	0.06863
578505.014141296.4	578505	4141296	0.05043	0.04931	0.09741	0.09334	0.07299
578525.014141296.4	578525	4141296	0.05575	0.05449	0.11269	0.10775	0.07809
578545.014141296.4	578545	4141296	0.06205	0.06062	0.1314	0.12774	0.08414
578565.014141296.4	578565	4141296	0.06961	0.06797	0.15453	0.14963	0.09441
578585.014141296.4	578585	4141296	0.07882	0.0769	0.18344	0.17671	0.10425
578605.014141296.4	578605	4141296	0.09017	0.08788	0.21979	0.21032	0.1139
578625.014141296.4	578625	4141296	0.10419	0.1014	0.26536	0.25188	0.12554
578645.014141296.4	578645	4141296	0.12142	0.11796	0.32187	0.30268	0.13836
578665.014141296.4	578665	4141296	0.14239	0.13804	0.39093	0.36386	0.15242
578685.014141296.4	578685	4141296	0.16936	0.16368	0.47883	0.44048	0.1703
578705.014141296.4	578705	4141296	0.20389	0.19627	0.5898	0.5357	0.19261
578725.014141296.4	578725	4141296	0.24815	0.23766	0.72939	0.6537	0.21985
578745.014141296.4	578745	4141296	0.30513	0.29046	0.90534	0.80019	0.25333
579005.014141296.4	579005	4141296	6.10867	5.28864	5.5277	5.03451	1.30675
579025.014141296.4	579025	4141296	7.00635	6.13778	5.13934	4.85696	1.36016
579045.014141296.4	579045	4141296	7.62666	6.83126	4.63847	4.53442	1.41619
579065.014141296.4	579065	4141296	7.85571	7.25636	4.08237	4.10972	1.47559
579085.014141296.4	579085	4141296	7.69079	7.37409	3.54049	3.64914	1.54815
579105.014141296.4	579105	4141296	7.1802	7.16017	3.04439	3.19391	1.63538
579125.014141296.4	579125	4141296	6.42347	6.64334	2.60058	2.76356	1.73274
579145.014141296.4	579145	4141296	5.55207	5.92004	2.2143	2.37395	1.83946
579165.014141296.4	579165	4141296	4.70513	5.13056	1.89482	2.04271	1.96697
579185.014141296.4	579185	4141296	3.92236	4.33958	1.62275	1.75518	2.10434
579205.014141296.4	579205	4141296	3.25247	3.62512	1.39725	1.51362	2.26039
579225.014141296.4	579225	4141296	2.69735	3.01236	1.20996	1.31098	2.43653
579245.014141296.4	579245	4141296	2.23956	2.49723	1.05206	1.13888	2.62733
579265.014141296.4	579265	4141296	1.87948	2.08757	0.92318	0.99759	2.85279
579285.014141296.4	579285	4141296	1.58722	1.75416	0.81438	0.87777	3.09917
578385.014141316.4	578385	4141316	0.03152	0.03022	0.04617	0.04506	0.05208
578405.014141316.4	578405	4141316	0.03365	0.03221	0.05098	0.04981	0.05481
578425.014141316.4	578425	4141316	0.03641	0.03556	0.05858	0.0573	0.06479
578445.014141316.4	578445	4141316	0.03897	0.03808	0.06504	0.06238	0.06224
578465.014141316.4	578465	4141316	0.04208	0.0402	0.0731	0.07009	0.06505
578485.014141316.4	578485	4141316	0.04585	0.0448	0.08319	0.07979	0.06982
578505.014141316.4	578505	4141316	0.05027	0.04911	0.09551	0.09338	0.07766
578525.014141316.4	578525	4141316	0.0554	0.05413	0.11048	0.10785	0.08552
578545.014141316.4	578545	4141316	0.06143	0.06001	0.12879	0.12544	0.09095

578565.014141316.4	578565	4141316	0.06871	0.0671	0.15171	0.14728	0.09868
578585.014141316.4	578585	4141316	0.07751	0.07567	0.18042	0.17435	0.10672
578605.014141316.4	578605	4141316	0.08843	0.08627	0.217	0.20843	0.11671
578625.014141316.4	578625	4141316	0.10186	0.09928	0.26314	0.25081	0.12849
578645.014141316.4	578645	4141316	0.11872	0.11555	0.32196	0.30398	0.14267
578665.014141316.4	578665	4141316	0.13941	0.13546	0.39506	0.36901	0.15807
578685.014141316.4	578685	4141316	0.16551	0.16044	0.48732	0.4497	0.1766
578705.014141316.4	578705	4141316	0.19928	0.19253	0.60555	0.55126	0.19986
578725.014141316.4	578725	4141316	0.24325	0.23393	0.7571	0.67918	0.22934
579025.014141316.4	579025	4141316	8.20257	7.12678	5.56569	5.32361	1.47835
579045.014141316.4	579045	4141316	8.888	7.93132	4.93448	4.8941	1.5381
579065.014141316.4	579065	4141316	9.06383	8.39804	4.27739	4.37156	1.6081
579085.014141316.4	579085	4141316	8.72582	8.45168	3.65908	3.82655	1.69435
579105.014141316.4	579105	4141316	7.96896	8.07279	3.10534	3.30174	1.79589
579125.014141316.4	579125	4141316	6.95299	7.3301	2.61937	2.81724	1.90723
579145.014141316.4	579145	4141316	5.86496	6.38134	2.20853	2.39271	2.0317
579165.014141316.4	579165	4141316	4.8581	5.39953	1.87384	2.03832	2.17926
579185.014141316.4	579185	4141316	3.97859	4.47479	1.59669	1.73999	2.34437
579205.014141316.4	579205	4141316	3.24335	3.66388	1.36684	1.48969	2.52669
579225.014141316.4	579225	4141316	2.65648	2.99767	1.17932	1.28377	2.73724
579245.014141316.4	579245	4141316	2.19706	2.46838	1.02663	1.11508	2.98526
579265.014141316.4	579265	4141316	1.83395	2.04797	0.90025	0.97484	3.26954
579285.014141316.4	579285	4141316	1.54142	1.7097	0.79353	0.85608	3.58095
578385.014141336.4	578385	4141336	0.03204	0.0308	0.04695	0.04459	0.05314
578405.014141336.4	578405	4141336	0.03412	0.03274	0.05045	0.04912	0.05582
578425.014141336.4	578425	4141336	0.0365	0.03497	0.05719	0.05453	0.05893
578445.014141336.4	578445	4141336	0.03938	0.03842	0.06417	0.06268	0.06627
578465.014141336.4	578465	4141336	0.04281	0.04175	0.07279	0.07111	0.07438
578485.014141336.4	578485	4141336	0.04604	0.04493	0.08163	0.0782	0.07133
578505.014141336.4	578505	4141336	0.05022	0.04902	0.09335	0.08944	0.076
578525.014141336.4	578525	4141336	0.05524	0.05392	0.10805	0.10554	0.08732
578545.014141336.4	578545	4141336	0.0612	0.05973	0.12631	0.12318	0.09419
578565.014141336.4	578565	4141336	0.06809	0.06648	0.14861	0.14458	0.10105
578585.014141336.4	578585	4141336	0.07651	0.0747	0.17694	0.17151	0.10931
578605.014141336.4	578605	4141336	0.08694	0.08486	0.21335	0.20571	0.11957
578625.014141336.4	578625	4141336	0.09991	0.09747	0.26016	0.24906	0.13209
578645.014141336.4	578645	4141336	0.11576	0.11287	0.31922	0.30293	0.14569
578665.014141336.4	578665	4141336	0.13631	0.13273	0.39687	0.37241	0.16348
578685.014141336.4	578685	4141336	0.1616	0.1571	0.49394	0.45774	0.18314
578705.014141336.4	578705	4141336	0.19467	0.18876	0.62066	0.56685	0.20818
579025.014141336.4	579025	4141336	9.73037	8.37886	6.01799	5.84351	1.61377
579045.014141336.4	579045	4141336	10.47476	9.32101	5.23382	5.27996	1.68006
579065.014141336.4	579065	4141336	10.53436	9.81738	4.46275	4.63903	1.76367
579085.014141336.4	579085	4141336	9.92055	9.74548	3.75813	3.99307	1.865
579105.014141336.4	579105	4141336	8.81502	9.11255	3.14121	3.38822	1.98154
579125.014141336.4	579125	4141336	7.48159	8.07443	2.6206	2.85374	2.11426
579145.014141336.4	579145	4141336	6.15781	6.85701	2.19395	2.40175	2.26736
579165.014141336.4	579165	4141336	4.969	5.63992	1.84359	2.02285	2.43726
579185.014141336.4	579185	4141336	3.99137	4.56714	1.56245	1.71447	2.63561
579205.014141336.4	579205	4141336	3.20037	3.6635	1.33117	1.45836	2.85302
579225.014141336.4	579225	4141336	2.60869	2.97155	1.15031	1.25679	3.13032
579245.014141336.4	579245	4141336	2.14085	2.42095	0.99987	1.0884	3.44089
579265.014141336.4	579265	4141336	1.77604	1.99172	0.87571	0.94912	3.7981
579285.014141336.4	579285	4141336	1.49009	1.65669	0.77262	0.8334	4.20873
578385.014141356.4	578385	4141356	0.03272	0.03156	0.0469	0.0444	0.05482
578405.014141356.4	578405	4141356	0.03484	0.03354	0.05149	0.04885	0.05784
578425.014141356.4	578425	4141356	0.03724	0.03626	0.05694	0.05415	0.06126
578445.014141356.4	578445	4141356	0.0399	0.03885	0.0633	0.0603	0.06464
578465.014141356.4	578465	4141356	0.04298	0.04185	0.071	0.06777	0.06863
578485.014141356.4	578485	4141356	0.04689	0.04565	0.08113	0.07914	0.08046
578505.014141356.4	578505	4141356	0.05092	0.0496	0.0924	0.09018	0.0852
578525.014141356.4	578525	4141356	0.0554	0.054	0.10572	0.10324	0.08919
578545.014141356.4	578545	4141356	0.06114	0.05961	0.12342	0.12044	0.09627
578565.014141356.4	578565	4141356	0.06801	0.06632	0.14575	0.142	0.10434
578585.014141356.4	578585	4141356	0.076	0.07414	0.17337	0.16848	0.11257
578605.014141356.4	578605	4141356	0.08597	0.08389	0.20941	0.20263	0.12314
578625.014141356.4	578625	4141356	0.09822	0.09585	0.25577	0.246	0.1353
578645.014141356.4	578645	4141356	0.11344	0.11071	0.31579	0.30129	0.14975
578665.014141356.4	578665	4141356	0.13295	0.12969	0.39496	0.37281	0.16796
578685.014141356.4	578685	4141356	0.15791	0.15389	0.49858	0.46451	0.18985
579025.014141356.4	579025	4141356	11.72191	9.99817	6.49412	6.42278	1.77164
579045.014141356.4	579045	4141356	12.49564	11.10655	5.53076	5.68992	1.84773
579065.014141356.4	579065	4141356	12.31308	11.58306	4.62239	4.89732	1.94444
579085.014141356.4	579085	4141356	11.27416	11.29092	3.82371	4.13384	2.06266
579105.014141356.4	579105	4141356	9.69983	10.29302	3.14954	3.44871	2.20061
579125.014141356.4	579125	4141356	7.97352	8.85473	2.59962	2.86656	2.36092
579145.014141356.4	579145	4141356	6.36719	7.28431	2.15653	2.38494	2.54373
579165.014141356.4	579165	4141356	5.00907	5.81652	1.8003	1.99111	2.74883
579185.014141356.4	579185	4141356	3.94914	4.59842	1.51977	1.67744	2.99275
579205.014141356.4	579205	4141356	3.13901	3.63738	1.29568	1.42516	3.27886
579225.014141356.4	579225	4141356	2.52901	2.90458	1.11626	1.22234	3.62032
579245.014141356.4	579245	4141356	2.06408	2.34593	0.97007	1.05681	4.01939
579265.014141356.4	579265	4141356	1.70985	1.92243	0.8508	0.92176	4.49343
579285.014141356.4	579285	4141356	1.43182	1.59319	0.75099	0.80903	5.03532
579305.014141356.4	579305	4141356	1.21525	1.33894	0.66803	0.71562	5.67844
578385.014141376.4	578385	4141376	0.0335	0.03256	0.04706	0.0444	0.0561
578405.014141376.4	578405	4141376	0.03568	0.03466	0.05158	0.04988	0.06384
578425.014141376.4	578425	4141376	0.03807	0.03699	0.05682	0.05503	0.06739
578445.014141376.4	578445	4141376	0.04081	0.03964	0.0631	0.0612	0.07166
578465.014141376.4	578465	4141376	0.04383	0.04258	0.07044	0.06844	0.0757
578485.014141376.4	578485	4141376	0.04722	0.04589	0.07919	0.07706	0.07838
578505.014141376.4	578505	4141376	0.05137	0.04993	0.0904	0.08806	0.08582
578525.014141376.4	578525	4141376	0.05642	0.05484	0.1048	0.10213	0.0939
578545.014141376.4	578545	4141376	0.06147	0.05981	0.12063	0.11767	0.09841
578565.014141376.4	578565	4141376	0.06817	0.06636	0.14242	0.13884	0.10704
578585.014141376.4	578585	4141376	0.07611	0.07413	0.17001	0.16548	0.11655

578605.014141376.4	578605	4141376	0.08565	0.08348	0.20534	0.19929	0.12725
578625.014141376.4	578625	4141376	0.09731	0.0949	0.25117	0.24263	0.13961
578645.014141376.4	578645	4141376	0.11184	0.10914	0.3114	0.29875	0.15463
578665.014141376.4	578665	4141376	0.13044	0.12734	0.39198	0.37239	0.17324
578685.014141376.4	578685	4141376	0.15442	0.15075	0.49972	0.4687	0.19732
579005.014141376.4	579005	4141376	12.47216	10.25077	8.1565	7.83194	1.88915
579025.014141376.4	579025	4141376	14.30511	12.06836	6.95866	7.04004	1.94922
579045.014141376.4	579045	4141376	15.03763	13.36456	5.78331	6.089	2.0364
579065.014141376.4	579065	4141376	14.45121	13.78893	4.73662	5.12632	2.15354
579085.014141376.4	579085	4141376	12.78711	13.15215	3.85187	4.24165	2.29714
579105.014141376.4	579105	4141376	10.56951	11.60256	3.12288	3.47256	2.46013
579125.014141376.4	579125	4141376	8.35496	9.60909	2.54744	2.84376	2.65122
579145.014141376.4	579145	4141376	6.46001	7.62176	2.0985	2.34253	2.87516
579165.014141376.4	579165	4141376	4.97587	5.91568	1.74849	1.94674	3.13918
579185.014141376.4	579185	4141376	3.85989	4.56915	1.47311	1.63302	3.44996
579205.014141376.4	579205	4141376	3.03492	3.55415	1.25471	1.38332	3.81826
579225.014141376.4	579225	4141376	2.42892	2.80682	1.08082	1.18432	4.26331
579245.014141376.4	579245	4141376	1.97806	2.25465	0.94051	1.02396	4.79815
579265.014141376.4	579265	4141376	1.63369	1.83786	0.82475	0.89211	5.41887
579285.014141376.4	579285	4141376	1.37292	1.52611	0.73025	0.78498	6.18351
579305.014141376.4	579305	4141376	1.17056	1.2873	0.65174	0.6965	7.13999
578385.014141396.4	578385	4141396	0.03438	0.03336	0.0475	0.04564	0.06169
578405.014141396.4	578405	4141396	0.03654	0.03544	0.05179	0.04982	0.06493
578425.014141396.4	578425	4141396	0.03891	0.03773	0.05675	0.05469	0.0662
578445.014141396.4	578445	4141396	0.04165	0.04038	0.06277	0.06059	0.07246
578465.014141396.4	578465	4141396	0.04485	0.04347	0.07017	0.06785	0.07767
578485.014141396.4	578485	4141396	0.04837	0.04688	0.07885	0.07638	0.0828
578505.014141396.4	578505	4141396	0.05226	0.05066	0.0891	0.08649	0.08756
578525.014141396.4	578525	4141396	0.05721	0.05547	0.10286	0.09996	0.09567
578545.014141396.4	578545	4141396	0.06233	0.06048	0.11843	0.11529	0.10107
578565.014141396.4	578565	4141396	0.06868	0.06668	0.13893	0.13536	0.10909
578585.014141396.4	578585	4141396	0.07634	0.07418	0.16547	0.1612	0.11889
578605.014141396.4	578605	4141396	0.08564	0.08329	0.2001	0.19466	0.13036
578625.014141396.4	578625	4141396	0.09703	0.09446	0.24571	0.23826	0.14406
578645.014141396.4	578645	4141396	0.1111	0.10828	0.30615	0.29526	0.15996
578665.014141396.4	578665	4141396	0.12871	0.12561	0.38693	0.37014	0.17925
579005.014141396.4	579005	4141396	15.50144	12.4901	8.91519	8.77745	2.08424
579025.014141396.4	579025	4141396	17.73634	14.77581	7.38974	7.68473	2.15242
579045.014141396.4	579045	4141396	18.298	16.30447	5.98001	6.46493	2.25605
579065.014141396.4	579065	4141396	16.98863	16.56135	4.78406	5.30005	2.39585
579085.014141396.4	579085	4141396	14.37479	15.3421	3.81919	4.28758	2.56959
579105.014141396.4	579105	4141396	11.34634	13.01294	3.06091	3.45473	2.77399
579125.014141396.4	579125	4141396	8.6259	10.33527	2.48195	2.80126	3.01977
579145.014141396.4	579145	4141396	6.46383	7.87856	2.03559	2.28975	3.30562
579165.014141396.4	579165	4141396	4.85969	5.91123	1.68973	1.89035	3.63909
579185.014141396.4	579185	4141396	3.71427	4.45973	1.42172	1.57983	4.04104
579205.014141396.4	579205	4141396	2.90233	3.42511	1.21239	1.33734	4.5367
579225.014141396.4	579225	4141396	2.31399	2.68248	1.04516	1.14417	5.13644
579245.014141396.4	579245	4141396	1.88272	2.14637	0.91053	0.98942	5.86798
579265.014141396.4	579265	4141396	1.56059	1.75281	0.80085	0.86416	6.75599
579285.014141396.4	579285	4141396	1.31739	1.46062	0.71116	0.76251	7.87885
579305.014141396.4	579305	4141396	1.12829	1.23713	0.63637	0.67844	9.33737
578385.014141416.4	578385	4141416	0.03522	0.03414	0.04805	0.04593	0.0626
578405.014141416.4	578405	4141416	0.03743	0.03625	0.05222	0.04997	0.06536
578425.014141416.4	578425	4141416	0.03992	0.03864	0.05716	0.05478	0.06968
578445.014141416.4	578445	4141416	0.04274	0.04135	0.06305	0.06051	0.07407
578465.014141416.4	578465	4141416	0.04591	0.0444	0.07005	0.06735	0.07891
578485.014141416.4	578485	4141416	0.04955	0.0479	0.07856	0.07568	0.08467
578505.014141416.4	578505	4141416	0.05352	0.05175	0.08853	0.08549	0.08994
578525.014141416.4	578525	4141416	0.05819	0.05626	0.10106	0.09781	0.0966
578545.014141416.4	578545	4141416	0.0636	0.06152	0.11672	0.1132	0.10417
578565.014141416.4	578565	4141416	0.06972	0.06748	0.13598	0.13217	0.11169
578585.014141416.4	578585	4141416	0.0772	0.07478	0.16135	0.15703	0.12163
578605.014141416.4	578605	4141416	0.08621	0.08358	0.19456	0.18944	0.13347
578625.014141416.4	578625	4141416	0.09723	0.09438	0.23882	0.23227	0.14757
578645.014141416.4	578645	4141416	0.11077	0.10769	0.29813	0.28901	0.16438
578665.014141416.4	578665	4141416	0.12786	0.12453	0.37943	0.3655	0.18564
579025.014141416.4	579025	4141416	22.43208	18.428	7.76565	8.34192	2.39194
579045.014141416.4	579045	4141416	22.5534	20.26174	6.1114	6.80182	2.52131
579065.014141416.4	579065	4141416	20.00149	20.17499	4.77662	5.42001	2.69436
579085.014141416.4	579085	4141416	16.03019	18.01799	3.75745	4.29626	2.91726
579105.014141416.4	579105	4141416	11.98828	14.52437	2.9805	3.40883	3.17837
579125.014141416.4	579125	4141416	8.71584	10.93872	2.40078	2.73396	3.49217
579145.014141416.4	579145	4141416	6.31677	7.95809	1.96047	2.21707	3.85708
579165.014141416.4	579165	4141416	4.65657	5.77822	1.62562	1.82305	4.29465
579185.014141416.4	579185	4141416	3.52225	4.27155	1.36814	1.52059	4.83133
579205.014141416.4	579205	4141416	2.7384	3.2425	1.16731	1.2858	5.49866
579225.014141416.4	579225	4141416	2.18833	2.53542	1.00927	1.1023	6.35274
579245.014141416.4	579245	4141416	1.78742	2.03232	0.88168	0.95544	7.41595
579265.014141416.4	579265	4141416	1.49176	1.66961	0.77856	0.83783	8.77901
579285.014141416.4	579285	4141416	1.26394	1.39604	0.69254	0.74073	10.4502
579305.014141416.4	579305	4141416	1.09033	1.19135	0.62223	0.66217	12.9082
578385.014141436.4	578385	4141436	0.03609	0.03496	0.04887	0.04651	0.06355
578405.014141436.4	578405	4141436	0.0384	0.03715	0.05304	0.0505	0.06704
578425.014141436.4	578425	4141436	0.04098	0.03962	0.05792	0.05519	0.07108
578445.014141436.4	578445	4141436	0.04394	0.04245	0.06379	0.06085	0.07603
578465.014141436.4	578465	4141436	0.04722	0.04558	0.07065	0.0675	0.0812
578485.014141436.4	578485	4141436	0.05092	0.04912	0.07887	0.07549	0.08694
578505.014141436.4	578505	4141436	0.05493	0.05297	0.08839	0.0848	0.09205
578525.014141436.4	578525	4141436	0.05976	0.05761	0.10065	0.0968	0.09947
578545.014141436.4	578545	4141436	0.06513	0.06279	0.11543	0.11133	0.10682
578565.014141436.4	578565	4141436	0.0713	0.06877	0.13391	0.12956	0.11477
578585.014141436.4	578585	4141436	0.07882	0.07605	0.15835	0.1536	0.12543
578605.014141436.4	578605	4141436	0.08767	0.08466	0.19004	0.18475	0.1375
578625.014141436.4	578625	4141436	0.0984	0.09513	0.23239	0.22619	0.15209
578645.014141436.4	578645	4141436	0.11157	0.10803	0.28991	0.282	0.1695

579025.014141436.4	579025	4141436	29.02863	23.47962	8.0471	8.9715	2.679
579045.014141436.4	579045	4141436	28.1788	25.78846	6.16661	7.07586	2.85195
579065.014141436.4	579065	4141436	23.52994	25.05083	4.72255	5.48396	3.079
579085.014141436.4	579085	4141436	17.58847	21.22443	3.66088	4.2548	3.36625
579105.014141436.4	579105	4141436	12.33922	15.98177	2.87621	3.32462	3.70259
579125.014141436.4	579125	4141436	8.55163	11.2781	2.30421	2.63974	4.10825
579145.014141436.4	579145	4141436	6.03011	7.825	1.8801	2.13137	4.59599
579165.014141436.4	579165	4141436	4.38332	5.51448	1.55969	1.74886	5.18796
579185.014141436.4	579185	4141436	3.30321	4.0208	1.3151	1.45898	5.93494
579205.014141436.4	579205	4141436	2.57615	3.04549	1.12563	1.23659	6.90378
579225.014141436.4	579225	4141436	2.06976	2.3885	0.9763	1.06318	8.18607
579245.014141436.4	579245	4141436	1.70341	1.92782	0.85625	0.9254	9.88031
579265.014141436.4	579265	4141436	1.42892	1.59194	0.75775	0.81367	12.04191
579285.014141436.4	579285	4141436	1.21991	1.34216	0.67675	0.72284	11.18933
579305.014141436.4	579305	4141436	1.05613	1.15036	0.60902	0.6477	7.20838
579325.014141436.4	579325	4141436	0.92342	0.99763	0.55097	0.5839	8.73706
578385.014141456.4	578385	4141456	0.037	0.03583	0.05002	0.04743	0.06506
578405.014141456.4	578405	4141456	0.03938	0.03809	0.05417	0.05135	0.06848
578425.014141456.4	578425	4141456	0.04203	0.04062	0.05899	0.05593	0.07245
578445.014141456.4	578445	4141456	0.04506	0.0435	0.06474	0.0614	0.0773
578465.014141456.4	578465	4141456	0.04844	0.04672	0.07147	0.06785	0.08261
578485.014141456.4	578485	4141456	0.05231	0.05039	0.07961	0.07567	0.08878
578505.014141456.4	578505	4141456	0.05641	0.05431	0.08879	0.08457	0.09406
578525.014141456.4	578525	4141456	0.06156	0.05921	0.10108	0.09647	0.10256
578545.014141456.4	578545	4141456	0.06686	0.06429	0.11485	0.10996	0.10927
578565.014141456.4	578565	4141456	0.07339	0.07054	0.13312	0.12789	0.11891
578585.014141456.4	578585	4141456	0.08108	0.07792	0.15671	0.15108	0.13015
578605.014141456.4	578605	4141456	0.08992	0.08645	0.1868	0.18078	0.14236
578625.014141456.4	578625	4141456	0.10054	0.09675	0.22705	0.22049	0.15716
578645.014141456.4	578645	4141456	0.11355	0.1094	0.28227	0.27472	0.17561
579045.014141456.4	579045	4141456	35.56539	33.74286	6.1178	7.23618	3.26863
579065.014141456.4	579065	4141456	27.36363	31.67029	4.60589	5.46039	3.57723
579085.014141456.4	579085	4141456	18.6558	24.76749	3.51544	4.13898	3.9441
579105.014141456.4	579105	4141456	12.18738	17.05221	2.74492	3.19439	4.38857
579125.014141456.4	579125	4141456	8.09786	11.19089	2.19649	2.5222	4.93596
579145.014141456.4	579145	4141456	5.61464	7.43633	1.79617	2.03499	5.61587
579165.014141456.4	579165	4141456	4.06884	5.14047	1.49447	1.67182	6.45974
579185.014141456.4	579185	4141456	3.0835	3.74085	1.26522	1.3994	7.57522
579205.014141456.4	579205	4141456	2.42473	2.8495	1.08728	1.19083	9.08497
579225.014141456.4	579225	4141456	1.96595	2.25485	0.94699	1.02869	11.20683
579245.014141456.4	579245	4141456	1.62759	1.83177	0.8324	0.89805	9.71984
579265.014141456.4	579265	4141456	1.37454	1.5246	0.73901	0.79292	11.88449
578385.014141476.4	578385	4141476	0.03786	0.03666	0.05132	0.04855	0.06645
578405.014141476.4	578405	4141476	0.04035	0.03903	0.05556	0.05252	0.07018
578425.014141476.4	578425	4141476	0.04311	0.04165	0.06044	0.05708	0.07416
578445.014141476.4	578445	4141476	0.04616	0.04455	0.06603	0.06234	0.0785
578465.014141476.4	578465	4141476	0.04966	0.04787	0.07273	0.06866	0.08384
578485.014141476.4	578485	4141476	0.05372	0.05171	0.08088	0.07638	0.09059
578505.014141476.4	578505	4141476	0.05807	0.05584	0.09011	0.0852	0.09661
578525.014141476.4	578525	4141476	0.06351	0.06099	0.10241	0.09695	0.10606
578545.014141476.4	578545	4141476	0.06878	0.06601	0.11527	0.10944	0.11195
578565.014141476.4	578565	4141476	0.07548	0.07237	0.13283	0.12651	0.1218
578585.014141476.4	578585	4141476	0.0833	0.07982	0.15525	0.14844	0.13328
578605.014141476.4	578605	4141476	0.09248	0.08859	0.18436	0.17708	0.14689
578625.014141476.4	578625	4141476	0.10334	0.099	0.22289	0.21517	0.16296
578645.014141476.4	578645	4141476	0.11657	0.11172	0.27593	0.26763	0.18294
579065.014141476.4	579065	4141476	30.68158	40.2863	4.40004	5.30161	4.21809
579085.014141476.4	579085	4141476	18.84655	28.22192	3.34097	3.96443	4.7284
579105.014141476.4	579105	4141476	11.46876	17.35024	2.6013	3.03357	5.33359
579125.014141476.4	579125	4141476	7.38817	10.54404	2.08253	2.38799	6.08482
579145.014141476.4	579145	4141476	5.11676	6.80535	1.71046	1.93201	7.07019
579165.014141476.4	579165	4141476	3.75807	4.71692	1.43317	1.59791	8.39832
579185.014141476.4	579185	4141476	2.87349	3.45313	1.217	1.34194	10.12437
579205.014141476.4	579205	4141476	2.28385	2.66077	1.05005	1.14756	12.63702
579225.014141476.4	579225	4141476	1.86783	2.1276	0.91778	0.99591	10.23851
578385.014141496.4	578385	4141496	0.03868	0.03747	0.05273	0.04985	0.06776
578405.014141496.4	578405	4141496	0.04128	0.03994	0.05712	0.05391	0.07177
578425.014141496.4	578425	4141496	0.04413	0.04264	0.06208	0.05849	0.07587
578445.014141496.4	578445	4141496	0.0473	0.04566	0.06778	0.06379	0.08028
578465.014141496.4	578465	4141496	0.05092	0.04908	0.07451	0.07006	0.08573
578485.014141496.4	578485	4141496	0.05511	0.05304	0.08265	0.07766	0.09234
578505.014141496.4	578505	4141496	0.05963	0.05732	0.09187	0.08632	0.09862
578525.014141496.4	578525	4141496	0.06536	0.06273	0.10424	0.09795	0.10859
578545.014141496.4	578545	4141496	0.07085	0.06793	0.11688	0.11002	0.11493
578565.014141496.4	578565	4141496	0.07766	0.07436	0.13367	0.12611	0.12463
578585.014141496.4	578585	4141496	0.08569	0.08195	0.15515	0.14686	0.13651
578605.014141496.4	578605	4141496	0.09509	0.09086	0.18281	0.17383	0.15032
578625.014141496.4	578625	4141496	0.10621	0.10141	0.21931	0.20972	0.16699
578645.014141496.4	578645	4141496	0.12	0.11452	0.27035	0.26017	0.18905
579085.014141496.4	579085	4141496	17.67847	30.28587	3.14275	3.73598	5.82518
579105.014141496.4	579105	4141496	10.29725	16.5135	2.45757	2.8602	6.71596
579125.014141496.4	579125	4141496	6.60892	9.46822	1.97494	2.25642	7.81375
579145.014141496.4	579145	4141496	4.64017	6.08537	1.62994	1.83442	9.3152
579165.014141496.4	579165	4141496	3.4649	4.28438	1.373	1.52674	11.48551
579185.014141496.4	579185	4141496	2.69125	3.19722	1.17269	1.29146	12.43523
579205.014141496.4	579205	4141496	2.1593	2.49517	1.01543	1.10988	8.83073
578385.014141516.4	578385	4141516	0.03934	0.03812	0.054	0.05106	0.06812
578405.014141516.4	578405	4141516	0.04209	0.04074	0.05864	0.05533	0.07263
578425.014141516.4	578425	4141516	0.04512	0.04361	0.06387	0.06014	0.07759
578445.014141516.4	578445	4141516	0.0484	0.04673	0.06971	0.06551	0.08191
578465.014141516.4	578465	4141516	0.05215	0.05028	0.07659	0.07184	0.08739
578485.014141516.4	578485	4141516	0.05645	0.05434	0.08478	0.07939	0.09433
578505.014141516.4	578505	4141516	0.06117	0.0588	0.09415	0.08806	0.10065
578525.014141516.4	578525	4141516	0.06723	0.06451	0.10681	0.09978	0.1108
578545.014141516.4	578545	4141516	0.07286	0.06983	0.11923	0.11141	0.11765
578565.014141516.4	578565	4141516	0.08008	0.07663	0.13615	0.1273	0.12848

578585.014141516.4	578585	4141516	0.08834	0.08442	0.15701	0.14708	0.14029
578605.014141516.4	578605	4141516	0.09806	0.09356	0.18367	0.1726	0.1545
578625.014141516.4	578625	4141516	0.10967	0.10448	0.21886	0.20669	0.17249
578645.014141516.4	578645	4141516	0.1239	0.11789	0.26736	0.25414	0.19532
579085.014141516.4	579085	4141516	15.17614	29.11728	2.93354	3.47617	7.42859
579105.014141516.4	579105	4141516	8.92508	14.36991	2.3154	2.68411	8.83931
579125.014141516.4	579125	4141516	5.89154	8.20619	1.87465	2.1352	10.61909
579145.014141516.4	579145	4141516	4.22602	5.40902	1.55497	1.74724	13.0984
579165.014141516.4	579165	4141516	3.20152	3.89362	1.31505	1.46248	7.32926
578385.014141536.4	578385	4141536	0.04005	0.03882	0.05539	0.05243	0.06893
578405.014141536.4	578405	4141536	0.04281	0.04145	0.06007	0.05673	0.07312
578425.014141536.4	578425	4141536	0.04595	0.04443	0.06551	0.0617	0.07788
578445.014141536.4	578445	4141536	0.04948	0.04778	0.07178	0.06744	0.08365
578465.014141536.4	578465	4141536	0.05336	0.05146	0.07887	0.07391	0.08929
578485.014141536.4	578485	4141536	0.05779	0.05565	0.08723	0.08156	0.09598
578505.014141536.4	578505	4141536	0.06268	0.06026	0.09681	0.09031	0.10264
578525.014141536.4	578525	4141536	0.0692	0.06638	0.11014	0.10246	0.11301
578545.014141536.4	578545	4141536	0.07483	0.07172	0.12227	0.11364	0.12023
578565.014141536.4	578565	4141536	0.08249	0.07892	0.13959	0.12958	0.13186
578585.014141536.4	578585	4141536	0.09122	0.08712	0.16063	0.14908	0.14468
578605.014141536.4	578605	4141536	0.10131	0.09659	0.18685	0.17362	0.15938
578625.014141536.4	578625	4141536	0.11352	0.10803	0.22143	0.20629	0.17822
578645.014141536.4	578645	4141536	0.12807	0.12165	0.26726	0.25022	0.20104
578665.014141536.4	578665	4141536	0.14573	0.13819	0.33061	0.31187	0.22995
579105.014141536.4	579105	4141536	7.64452	11.4531	2.17404	2.51482	12.29417
579125.014141536.4	579125	4141536	5.23463	6.97556	1.77454	2.02185	11.55093
579185.014141536.4	579185	4141536	2.31415	2.69597	1.07879	1.19682	5.10338
578385.014141556.4	578385	4141556	0.04078	0.03953	0.05681	0.05381	0.06971
578405.014141556.4	578405	4141556	0.04362	0.04223	0.06164	0.05825	0.07383
578425.014141556.4	578425	4141556	0.0468	0.04526	0.06717	0.06331	0.07842
578445.014141556.4	578445	4141556	0.05042	0.04869	0.07362	0.0692	0.08391
578465.014141556.4	578465	4141556	0.05453	0.05258	0.08113	0.07603	0.09032
578485.014141556.4	578485	4141556	0.05909	0.05689	0.08973	0.08384	0.09697
578505.014141556.4	578505	4141556	0.06423	0.06174	0.09974	0.09292	0.10418
578525.014141556.4	578525	4141556	0.07074	0.06786	0.1129	0.10481	0.11424
578545.014141556.4	578545	4141556	0.07682	0.07361	0.1258	0.11652	0.12192
578565.014141556.4	578565	4141556	0.08476	0.08107	0.14336	0.13242	0.13368
578585.014141556.4	578585	4141556	0.09392	0.08965	0.16477	0.15187	0.14732
578605.014141556.4	578605	4141556	0.10479	0.09983	0.19185	0.17656	0.16357
578625.014141556.4	578625	4141556	0.11754	0.11175	0.22613	0.20808	0.18283
578645.014141556.4	578645	4141556	0.13278	0.12595	0.27102	0.24981	0.20652
578665.014141556.4	578665	4141556	0.15105	0.14298	0.33142	0.30681	0.23626
578685.014141556.4	578685	4141556	0.17346	0.16385	0.41689	0.389	0.27488
579165.014141556.4	579165	4141556	2.60423	3.07292	1.1889	1.33919	4.62689
579185.014141556.4	579185	4141556	2.07259	2.39266	1.02368	1.14593	5.14094
579205.014141556.4	579205	4141556	1.68885	1.91839	0.8907	0.99208	4.80389
578385.014141576.4	578385	4141576	0.04159	0.0403	0.05828	0.05521	0.07104
578405.014141576.4	578405	4141576	0.0445	0.04307	0.06326	0.05978	0.07475
578425.014141576.4	578425	4141576	0.04779	0.04619	0.06901	0.06503	0.0793
578445.014141576.4	578445	4141576	0.05152	0.04972	0.07566	0.0711	0.08469
578465.014141576.4	578465	4141576	0.05566	0.05364	0.08326	0.078	0.09037
578485.014141576.4	578485	4141576	0.0604	0.05812	0.09219	0.08608	0.09714
578505.014141576.4	578505	4141576	0.06588	0.06328	0.10285	0.0957	0.10538
578525.014141576.4	578525	4141576	0.07259	0.06959	0.11637	0.10782	0.11554
578545.014141576.4	578545	4141576	0.07926	0.07586	0.13038	0.12041	0.12449
578565.014141576.4	578565	4141576	0.08747	0.08357	0.14836	0.13649	0.13613
578585.014141576.4	578585	4141576	0.09706	0.09254	0.17037	0.15614	0.14984
578605.014141576.4	578605	4141576	0.10839	0.10312	0.19787	0.18071	0.1663
578625.014141576.4	578625	4141576	0.12195	0.11574	0.23298	0.21211	0.18659
578645.014141576.4	578645	4141576	0.1385	0.1311	0.2793	0.25374	0.21229
578665.014141576.4	578665	4141576	0.15802	0.14918	0.33974	0.30854	0.24353
578685.014141576.4	578685	4141576	0.18169	0.17107	0.42275	0.38487	0.28374
578705.014141576.4	578705	4141576	0.21118	0.19828	0.54399	0.49862	0.3383
579145.014141576.4	579145	4141576	2.82046	3.33813	1.30628	1.5004	5.61801
579165.014141576.4	579165	4141576	2.218	2.57184	1.11266	1.26796	5.27214
579185.014141576.4	579185	4141576	1.78988	2.04531	0.95949	1.08688	4.08808
579205.014141576.4	579205	4141576	1.47472	1.664	0.83576	0.94141	3.32515
579225.014141576.4	579225	4141576	1.23608	1.38035	0.73447	0.82319	2.83411
579245.014141576.4	579245	4141576	1.051	1.16183	0.65042	0.72501	2.51729
579265.014141576.4	579265	4141576	0.90469	0.99406	0.58009	0.64451	2.38564
578385.014141596.4	578385	4141596	0.04248	0.04112	0.05976	0.05655	0.07183
578405.014141596.4	578405	4141596	0.04557	0.04405	0.06507	0.0614	0.07618
578425.014141596.4	578425	4141596	0.04894	0.04725	0.07097	0.06679	0.08063
578445.014141596.4	578445	4141596	0.05281	0.05091	0.07791	0.07309	0.08598
578465.014141596.4	578465	4141596	0.05714	0.055	0.08586	0.08028	0.09179
578485.014141596.4	578485	4141596	0.06208	0.05965	0.09517	0.08867	0.0984
578505.014141596.4	578505	4141596	0.06792	0.06515	0.10653	0.09884	0.10706
578525.014141596.4	578525	4141596	0.07481	0.0716	0.12039	0.11118	0.11678
578545.014141596.4	578545	4141596	0.08203	0.07837	0.1355	0.12461	0.12638
578565.014141596.4	578565	4141596	0.09092	0.08667	0.15483	0.14167	0.13891
578585.014141596.4	578585	4141596	0.10111	0.09616	0.17802	0.16207	0.15308
578605.014141596.4	578605	4141596	0.11307	0.10728	0.20663	0.18712	0.16962
578625.014141596.4	578625	4141596	0.12745	0.12059	0.24308	0.21891	0.19031
578645.014141596.4	578645	4141596	0.14493	0.13672	0.29051	0.26015	0.21659
578665.014141596.4	578665	4141596	0.16658	0.15661	0.35441	0.31565	0.25027
578685.014141596.4	578685	4141596	0.19297	0.18076	0.44119	0.39121	0.29399
578705.014141596.4	578705	4141596	0.2246	0.20965	0.56117	0.49656	0.3512
578725.014141596.4	578725	4141596	0.26593	0.24721	0.74809	0.66336	0.43587
578745.014141596.4	578745	4141596	0.32016	0.29629	1.06094	0.95118	0.56795
579105.014141596.4	579105	4141596	3.67207	4.33754	1.71446	2.0431	5.98581
579145.014141596.4	579145	4141596	2.23523	2.57916	1.19893	1.39708	4.40017
579165.014141596.4	579165	4141596	1.80756	2.06216	1.02462	1.1835	3.51011
579185.014141596.4	579185	4141596	1.49018	1.68339	0.88584	1.01564	2.91758
579205.014141596.4	579205	4141596	1.24878	1.39875	0.7735	0.88122	2.51707
579225.014141596.4	579225	4141596	1.0612	1.17918	0.68126	0.77153	2.24982
579245.014141596.4	579245	4141596	0.91271	1.00663	0.60459	0.68086	2.09174

579265.014141596.4	579265	4141596	0.79298	0.87033	0.54016	0.60594	2.05122
579285.014141596.4	579285	4141596	0.69417	0.75472	0.48445	0.53983	2.06123
579305.014141596.4	579305	4141596	0.61499	0.66551	0.4385	0.48667	2.27078
579325.014141596.4	579325	4141596	0.54769	0.5903	0.39834	0.44047	2.66522
579345.014141596.4	579345	4141596	0.49062	0.52839	0.36347	0.40153	3.503
578385.014141616.4	578385	4141616	0.04342	0.04198	0.06123	0.0578	0.07214
578405.014141616.4	578405	4141616	0.04669	0.04507	0.06685	0.0629	0.07682
578425.014141616.4	578425	4141616	0.05033	0.04852	0.07323	0.06868	0.08175
578445.014141616.4	578445	4141616	0.05438	0.05233	0.08048	0.07521	0.08716
578465.014141616.4	578465	4141616	0.05895	0.05663	0.08887	0.08275	0.09311
578485.014141616.4	578485	4141616	0.06417	0.06153	0.09871	0.09153	0.1
578505.014141616.4	578505	4141616	0.07029	0.06726	0.1106	0.10208	0.1082
578525.014141616.4	578525	4141616	0.07783	0.07428	0.12573	0.11538	0.11843
578545.014141616.4	578545	4141616	0.08531	0.08128	0.14137	0.1291	0.12822
578565.014141616.4	578565	4141616	0.09494	0.09022	0.16222	0.14721	0.14096
578585.014141616.4	578585	4141616	0.10596	0.10042	0.18715	0.1687	0.15561
578605.014141616.4	578605	4141616	0.11905	0.11249	0.21824	0.19527	0.17325
578625.014141616.4	578625	4141616	0.1348	0.12696	0.25773	0.22871	0.19491
578645.014141616.4	578645	4141616	0.15355	0.14412	0.3079	0.27078	0.22146
578665.014141616.4	578665	4141616	0.17705	0.16549	0.37577	0.32706	0.25627
578685.014141616.4	578685	4141616	0.20679	0.19238	0.4703	0.40456	0.30323
578705.014141616.4	578705	4141616	0.24415	0.22595	0.60477	0.51364	0.36758
578725.014141616.4	578725	4141616	0.29066	0.26753	0.80202	0.67252	0.45737
578745.014141616.4	578745	4141616	0.35187	0.32187	1.12227	0.93058	0.59332
579065.014141616.4	579065	4141616	4.04374	5.30463	2.31651	2.91257	4.59366
579085.014141616.4	579085	4141616	3.15796	3.873	1.85693	2.28707	4.99566
579105.014141616.4	579105	4141616	2.52967	2.9808	1.52263	1.84512	4.74904
579125.014141616.4	579125	4141616	2.05943	2.3819	1.27174	1.5217	3.75138
579165.014141616.4	579165	4141616	1.42159	1.60698	0.92647	1.08442	2.58828
579185.014141616.4	579185	4141616	1.20269	1.35046	0.8045	0.93429	2.26095
579205.014141616.4	579205	4141616	1.02951	1.14729	0.70526	0.81273	2.02609
579225.014141616.4	579225	4141616	0.89052	0.98528	0.6235	0.71292	1.86865
579245.014141616.4	579245	4141616	0.77714	0.85412	0.55515	0.63055	1.78987
579265.014141616.4	579265	4141616	0.68361	0.74733	0.49749	0.56189	1.79045
579285.014141616.4	579285	4141616	0.60298	0.65363	0.44663	0.501	1.8237
579305.014141616.4	579305	4141616	0.53873	0.58161	0.40513	0.45237	2.01898
579325.014141616.4	579325	4141616	0.48448	0.52109	0.36939	0.41074	2.38216
579345.014141616.4	579345	4141616	0.43732	0.47038	0.33806	0.37541	3.10615
578385.014141636.4	578385	4141636	0.04456	0.04301	0.06294	0.05916	0.07257
578405.014141636.4	578405	4141636	0.04798	0.04624	0.0688	0.06445	0.07729
578425.014141636.4	578425	4141636	0.05182	0.04986	0.07553	0.07048	0.08228
578445.014141636.4	578445	4141636	0.05618	0.05395	0.08332	0.07743	0.088
578465.014141636.4	578465	4141636	0.06112	0.05857	0.09237	0.08545	0.0944
578485.014141636.4	578485	4141636	0.06664	0.06373	0.10276	0.09461	0.10112
578505.014141636.4	578505	4141636	0.07312	0.06978	0.11534	0.1056	0.10938
578525.014141636.4	578525	4141636	0.08077	0.07688	0.13068	0.11888	0.11908
578545.014141636.4	578545	4141636	0.08929	0.08477	0.14839	0.13409	0.12969
578565.014141636.4	578565	4141636	0.09959	0.09427	0.17066	0.15301	0.14257
578585.014141636.4	578585	4141636	0.11202	0.10568	0.19872	0.17655	0.15821
578605.014141636.4	578605	4141636	0.12657	0.11898	0.23322	0.20513	0.1767
578625.014141636.4	578625	4141636	0.14385	0.13471	0.27654	0.24048	0.19902
578645.014141636.4	578645	4141636	0.1652	0.15403	0.3336	0.28622	0.22739
578665.014141636.4	578665	4141636	0.19152	0.1777	0.40964	0.34593	0.26378
578685.014141636.4	578685	4141636	0.22558	0.20809	0.51772	0.42881	0.31358
578705.014141636.4	578705	4141636	0.26935	0.24682	0.67443	0.54567	0.38222
578725.014141636.4	578725	4141636	0.32377	0.29469	0.90273	0.71075	0.47486
579045.014141636.4	579045	4141636	3.25925	4.60764	2.44211	3.19915	5.41084
579065.014141636.4	579065	4141636	2.54355	3.37133	1.94265	2.4794	5.14307
579085.014141636.4	579085	4141636	2.0725	2.60214	1.58298	1.97975	3.97965
579105.014141636.4	579105	4141636	1.73592	2.08545	1.31486	1.61692	3.22069
579125.014141636.4	579125	4141636	1.47589	1.71661	1.11	1.34421	2.68182
579165.014141636.4	579165	4141636	1.09272	1.23396	0.8218	0.97354	2.03625
579185.014141636.4	579185	4141636	0.95187	1.06326	0.71884	0.84188	1.81861
579205.014141636.4	579205	4141636	0.83375	0.92407	0.63388	0.73576	1.67752
579225.014141636.4	579225	4141636	0.73496	0.80846	0.56322	0.64833	1.59122
579245.014141636.4	579245	4141636	0.65165	0.71306	0.50379	0.57595	1.56353
579265.014141636.4	579265	4141636	0.5811	0.6314	0.45334	0.51437	1.58363
579285.014141636.4	579285	4141636	0.51957	0.56155	0.40918	0.4616	1.65998
579305.014141636.4	579305	4141636	0.46847	0.50447	0.37216	0.41772	1.84259
579325.014141636.4	579325	4141636	0.42428	0.45535	0.33994	0.3798	2.15202
579345.014141636.4	579345	4141636	0.38633	0.41333	0.31201	0.34711	2.69513
578385.014141656.4	578385	4141656	0.04596	0.04427	0.06501	0.06077	0.07328
578405.014141656.4	578405	4141656	0.04959	0.04768	0.07122	0.0663	0.07783
578425.014141656.4	578425	4141656	0.05359	0.05143	0.0782	0.07248	0.08265
578445.014141656.4	578445	4141656	0.05821	0.05575	0.08645	0.07973	0.0884
578465.014141656.4	578465	4141656	0.06365	0.06082	0.09641	0.08842	0.09523
578485.014141656.4	578485	4141656	0.06965	0.0664	0.10772	0.0982	0.1024
578505.014141656.4	578505	4141656	0.07698	0.07318	0.12193	0.11037	0.1111
578525.014141656.4	578525	4141656	0.08487	0.08047	0.13778	0.12382	0.12035
578545.014141656.4	578545	4141656	0.09429	0.08913	0.15738	0.14023	0.13135
578565.014141656.4	578565	4141656	0.10559	0.09948	0.18188	0.16047	0.14455
578585.014141656.4	578585	4141656	0.11913	0.11182	0.2126	0.18546	0.16042
578605.014141656.4	578605	4141656	0.1355	0.12666	0.25166	0.21668	0.17975
578625.014141656.4	578625	4141656	0.15583	0.14496	0.30307	0.25692	0.20412
578645.014141656.4	578645	4141656	0.18019	0.16678	0.36914	0.30741	0.23386
578665.014141656.4	578665	4141656	0.21068	0.1939	0.4589	0.37413	0.2722
578685.014141656.4	578685	4141656	0.25163	0.22996	0.59164	0.46987	0.32569
578705.014141656.4	578705	4141656	0.30126	0.27347	0.77506	0.59759	0.39311
578725.014141656.4	578725	4141656	0.36769	0.33122	1.05988	0.78939	0.48656
579005.014141656.4	579005	4141656	3.92585	5.42864	3.06877	4.28886	4.08709
579025.014141656.4	579025	4141656	2.81105	3.917	2.39578	3.24406	5.57925
579045.014141656.4	579045	4141656	2.14278	2.89432	1.91926	2.52714	4.21592
579065.014141656.4	579065	4141656	1.71368	2.24295	1.57079	2.0218	3.37035
579085.014141656.4	579085	4141656	1.42717	1.80095	1.30776	1.65067	2.78654
579105.014141656.4	579105	4141656	1.22353	1.48934	1.10559	1.37205	2.36869
579125.014141656.4	579125	4141656	1.06797	1.25882	0.94657	1.15828	2.06217

579145.014141656.4	579145	4141656	0.94232	1.08403	0.81973	0.98963	1.82724
579185.014141656.4	579185	4141656	0.74637	0.83313	0.63244	0.74554	1.5173
579205.014141656.4	579205	4141656	0.66788	0.73887	0.56192	0.65627	1.4347
579225.014141656.4	579225	4141656	0.59979	0.65863	0.50261	0.58206	1.3926
579245.014141656.4	579245	4141656	0.54037	0.59049	0.45217	0.52032	1.3982
579265.014141656.4	579265	4141656	0.48866	0.52861	0.40869	0.46589	1.42331
579285.014141656.4	579285	4141656	0.44282	0.47726	0.37115	0.4206	1.51668
579305.014141656.4	579305	4141656	0.40418	0.43413	0.33931	0.38244	1.6973
579325.014141656.4	579325	4141656	0.36844	0.39453	0.31053	0.34829	1.95728
579345.014141656.4	579345	4141656	0.33764	0.36051	0.2856	0.31889	2.39732
578385.014141676.4	578385	4141676	0.04764	0.04578	0.06749	0.06265	0.07378
578405.014141676.4	578405	4141676	0.05143	0.04933	0.07397	0.06834	0.07828
578425.014141676.4	578425	4141676	0.05572	0.05333	0.08145	0.07486	0.08292
578445.014141676.4	578445	4141676	0.06071	0.05797	0.09036	0.08257	0.08889
578465.014141676.4	578465	4141676	0.06663	0.06346	0.10121	0.09186	0.096
578485.014141676.4	578485	4141676	0.07321	0.06955	0.11364	0.1024	0.10337
578505.014141676.4	578505	4141676	0.08131	0.07699	0.12941	0.11562	0.11238
578525.014141676.4	578525	4141676	0.09013	0.08508	0.14721	0.13035	0.12201
578545.014141676.4	578545	4141676	0.10066	0.0947	0.16929	0.14836	0.13344
578565.014141676.4	578565	4141676	0.11327	0.10616	0.19688	0.17051	0.14706
578585.014141676.4	578585	4141676	0.12852	0.11994	0.23191	0.19812	0.16353
578605.014141676.4	578605	4141676	0.14692	0.13649	0.27656	0.23261	0.18342
578625.014141676.4	578625	4141676	0.16996	0.15709	0.33605	0.27759	0.20853
578645.014141676.4	578645	4141676	0.19922	0.18305	0.41728	0.3375	0.24073
578665.014141676.4	578665	4141676	0.23614	0.21558	0.52917	0.41794	0.28182
578685.014141676.4	578685	4141676	0.28175	0.25562	0.68312	0.52587	0.33311
578705.014141676.4	578705	4141676	0.34182	0.30801	0.91209	0.6834	0.40099
578985.014141676.4	578985	4141676	3.6414	4.58818	2.6889	3.80258	4.6326
579005.014141676.4	579005	4141676	2.62857	3.40734	2.1512	2.95673	4.44871
579025.014141676.4	579025	4141676	1.95899	2.54483	1.76097	2.3618	3.50347
579045.014141676.4	579045	4141676	1.52758	1.96478	1.46427	1.92475	2.87542
579065.014141676.4	579065	4141676	1.23837	1.56918	1.23486	1.59022	2.417
579085.014141676.4	579085	4141676	1.03996	1.29615	1.05421	1.33472	2.08864
579105.014141676.4	579105	4141676	0.90078	1.09281	0.90959	1.1327	1.8332
579125.014141676.4	579125	4141676	0.79729	0.9411	0.79239	0.97159	1.63488
579145.014141676.4	579145	4141676	0.71488	0.82495	0.69608	0.84249	1.48686
579165.014141676.4	579165	4141676	0.64552	0.73232	0.6158	0.7378	1.3839
579185.014141676.4	579185	4141676	0.58611	0.65588	0.54875	0.65056	1.30641
579205.014141676.4	579205	4141676	0.53408	0.59115	0.49214	0.57765	1.2565
579225.014141676.4	579225	4141676	0.4876	0.53534	0.4437	0.51614	1.23979
579245.014141676.4	579245	4141676	0.44587	0.48666	0.40192	0.46441	1.26359
579265.014141676.4	579265	4141676	0.40875	0.44381	0.36583	0.41979	1.31976
579285.014141676.4	579285	4141676	0.37568	0.40494	0.33444	0.38053	1.40742
579305.014141676.4	579305	4141676	0.34482	0.36957	0.30615	0.34616	1.54832
579325.014141676.4	579325	4141676	0.31894	0.34077	0.28229	0.31756	1.80845
579345.014141676.4	579345	4141676	0.29515	0.3155	0.26105	0.29269	2.24057
578385.014141696.4	578385	4141696	0.04955	0.04749	0.07034	0.06476	0.0742
578405.014141696.4	578405	4141696	0.05363	0.05129	0.07731	0.0708	0.0784
578425.014141696.4	578425	4141696	0.05841	0.05573	0.08568	0.07797	0.08387
578445.014141696.4	578445	4141696	0.06405	0.06094	0.09579	0.08656	0.09032
578465.014141696.4	578465	4141696	0.07034	0.06675	0.10739	0.09631	0.09699
578485.014141696.4	578485	4141696	0.07752	0.07335	0.12101	0.10763	0.10445
578505.014141696.4	578505	4141696	0.08642	0.08149	0.13848	0.12198	0.11364
578525.014141696.4	578525	4141696	0.09668	0.09082	0.15938	0.13889	0.12404
578565.014141696.4	578565	4141696	0.12282	0.11449	0.21639	0.18391	0.15006
578585.014141696.4	578585	4141696	0.14021	0.13012	0.25712	0.2153	0.16717
578605.014141696.4	578605	4141696	0.1615	0.14915	0.30999	0.2553	0.18802
578625.014141696.4	578625	4141696	0.18776	0.17252	0.37971	0.3071	0.21362
578645.014141696.4	578645	4141696	0.22204	0.20281	0.47763	0.37878	0.24693
578665.014141696.4	578665	4141696	0.26486	0.24051	0.61157	0.47561	0.28818
578685.014141696.4	578685	4141696	0.31872	0.28784	0.79874	0.61039	0.33929
578945.014141696.4	578945	4141696	4.167	4.88489	2.99937	4.32479	3.69965
578965.014141696.4	578965	4141696	3.2856	3.96174	2.28766	3.2181	4.36009
578985.014141696.4	578985	4141696	2.48545	3.07397	1.83708	2.52168	3.5008
579005.014141696.4	579005	4141696	1.87514	2.33968	1.51928	2.04719	2.88737
579025.014141696.4	579025	4141696	1.4513	1.79501	1.28504	1.70018	2.43203
579045.014141696.4	579045	4141696	1.15695	1.41887	1.10321	1.43488	2.09192
579065.014141696.4	579065	4141696	0.94779	1.16007	0.95708	1.22613	1.83553
579085.014141696.4	579085	4141696	0.79996	0.97085	0.83706	1.05636	1.63324
579105.014141696.4	579105	4141696	0.69448	0.83036	0.73741	0.91747	1.4742
579125.014141696.4	579125	4141696	0.61716	0.72379	0.65404	0.80147	1.34429
579145.014141696.4	579145	4141696	0.55701	0.64191	0.58332	0.70661	1.25044
579165.014141696.4	579165	4141696	0.50803	0.57636	0.52301	0.62731	1.18377
579185.014141696.4	579185	4141696	0.46615	0.52225	0.47113	0.55973	1.14143
579205.014141696.4	579205	4141696	0.43015	0.47648	0.42681	0.50219	1.11723
579225.014141696.4	579225	4141696	0.39768	0.43672	0.38816	0.4529	1.11888
579245.014141696.4	579245	4141696	0.36843	0.4011	0.35446	0.40977	1.14211
579265.014141696.4	579265	4141696	0.34155	0.37045	0.32479	0.37354	1.2105
579285.014141696.4	579285	4141696	0.31721	0.34243	0.29869	0.34137	1.31076
579305.014141696.4	579305	4141696	0.29491	0.31544	0.27535	0.312	1.44017
579325.014141696.4	579325	4141696	0.27479	0.29393	0.25505	0.28782	1.68396
579345.014141696.4	579345	4141696	0.2562	0.27369	0.23666	0.26621	2.06346
578385.014141716.4	578385	4141716	0.05185	0.04954	0.07383	0.06737	0.07458
578405.014141716.4	578405	4141716	0.05639	0.05376	0.08164	0.07403	0.07932
578425.014141716.4	578425	4141716	0.06175	0.05871	0.09108	0.082	0.08517
578445.014141716.4	578445	4141716	0.0679	0.06437	0.10218	0.09127	0.09135
578465.014141716.4	578465	4141716	0.07469	0.07061	0.11482	0.10171	0.09801
578485.014141716.4	578485	4141716	0.08272	0.07795	0.13021	0.11429	0.10574
578505.014141716.4	578505	4141716	0.09283	0.08714	0.15029	0.13049	0.11537
578525.014141716.4	578525	4141716	0.10483	0.09799	0.1751	0.15021	0.1266
578605.014141716.4	578605	4141716	0.1787	0.16426	0.35068	0.285	0.19256
578625.014141716.4	578625	4141716	0.20976	0.19186	0.43513	0.34849	0.21945
578645.014141716.4	578645	4141716	0.24924	0.22684	0.55089	0.43549	0.25299
578665.014141716.4	578665	4141716	0.2977	0.26979	0.70624	0.55313	0.29305
578685.014141716.4	578685	4141716	0.36111	0.32598	0.92921	0.72592	0.3437
578905.014141716.4	578905	4141716	3.63091	3.97894	3.55149	5.10931	2.88223

578925.014141716.4	578925	4141716	3.4033	3.85064	2.58735	3.61818	3.18027
578945.014141716.4	578945	4141716	2.88358	3.3608	1.97547	2.70705	3.03788
578965.014141716.4	578965	4141716	2.29612	2.75135	1.57153	2.12427	2.68092
578985.014141716.4	578985	4141716	1.78832	2.1757	1.29479	1.726	2.33041
579005.014141716.4	579005	4141716	1.4019	1.69713	1.09787	1.44175	2.03168
579025.014141716.4	579025	4141716	1.12015	1.33961	0.95094	1.23366	1.7949
579045.014141716.4	579045	4141716	0.91215	1.08185	0.83555	1.0703	1.60128
579065.014141716.4	579065	4141716	0.75722	0.89487	0.7412	0.93669	1.44227
579085.014141716.4	579085	4141716	0.64237	0.75823	0.66193	0.82696	1.31698
579105.014141716.4	579105	4141716	0.55756	0.65407	0.59383	0.73513	1.22137
579125.014141716.4	579125	4141716	0.49541	0.57434	0.53566	0.65504	1.13749
579145.014141716.4	579145	4141716	0.44781	0.51242	0.485	0.58588	1.07344
579165.014141716.4	579165	4141716	0.40965	0.4632	0.44053	0.52777	1.03513
579185.014141716.4	579185	4141716	0.37803	0.42281	0.40151	0.47678	1.01213
579205.014141716.4	579205	4141716	0.35125	0.38887	0.36744	0.43244	1.00509
579225.014141716.4	579225	4141716	0.32749	0.35948	0.33725	0.39373	1.01783
579245.014141716.4	579245	4141716	0.30603	0.33118	0.31016	0.3582	1.03993
579265.014141716.4	579265	4141716	0.2865	0.30961	0.28661	0.32923	1.10897
579285.014141716.4	579285	4141716	0.26846	0.28904	0.2653	0.30305	1.20683
579305.014141716.4	579305	4141716	0.25123	0.26839	0.24575	0.27879	1.33171
579325.014141716.4	579325	4141716	0.23636	0.25165	0.22887	0.25831	1.54286
579345.014141716.4	579345	4141716	0.2222	0.23675	0.21361	0.24025	1.87469
578385.014141736.4	578385	4141736	0.05458	0.052	0.07811	0.0706	0.07517
578405.014141736.4	578405	4141736	0.05976	0.05678	0.08708	0.07814	0.08057
578425.014141736.4	578425	4141736	0.06567	0.06221	0.09756	0.08688	0.0862
578445.014141736.4	578445	4141736	0.07223	0.06823	0.10954	0.09675	0.09229
578465.014141736.4	578465	4141736	0.07982	0.07517	0.12382	0.1084	0.09905
578485.014141736.4	578485	4141736	0.08897	0.08351	0.14161	0.12276	0.10731
578505.014141736.4	578505	4141736	0.10144	0.09516	0.16707	0.14353	0.11848
578625.014141736.4	578625	4141736	0.23457	0.21417	0.49781	0.40098	0.22478
578645.014141736.4	578645	4141736	0.2779	0.25294	0.62701	0.5034	0.25693
578665.014141736.4	578665	4141736	0.33313	0.30245	0.80473	0.64813	0.29644
578865.014141736.4	578865	4141736	2.5893	2.67343	4.26896	6.02732	1.56596
578885.014141736.4	578885	4141736	2.7828	2.96695	3.19165	4.53324	1.843
578905.014141736.4	578905	4141736	2.74475	3.01704	2.35105	3.2636	2.0508
578925.014141736.4	578925	4141736	2.4765	2.79867	1.77292	2.39112	2.102
578945.014141736.4	578945	4141736	2.07941	2.41673	1.39385	1.84722	2.01602
578965.014141736.4	578965	4141736	1.67857	1.9912	1.1362	1.48383	1.85468
578985.014141736.4	578985	4141736	1.34322	1.60633	0.95387	1.23407	1.68676
579005.014141736.4	579005	4141736	1.08579	1.28654	0.82142	1.05175	1.52846
579025.014141736.4	579025	4141736	0.89073	1.03945	0.72191	0.91472	1.38939
579045.014141736.4	579045	4141736	0.73992	0.85462	0.64384	0.80736	1.27051
579065.014141736.4	579065	4141736	0.62227	0.71762	0.58002	0.7214	1.17378
579085.014141736.4	579085	4141736	0.53153	0.61336	0.52603	0.64974	1.09541
579105.014141736.4	579105	4141736	0.46232	0.53214	0.47903	0.58757	1.03328
579125.014141736.4	579125	4141736	0.4105	0.46915	0.43829	0.5324	0.98048
579145.014141736.4	579145	4141736	0.37061	0.4199	0.4021	0.48397	0.94086
579165.014141736.4	579165	4141736	0.33905	0.38079	0.36973	0.44129	0.91787
579185.014141736.4	579185	4141736	0.3133	0.34887	0.3407	0.40351	0.90929
579205.014141736.4	579205	4141736	0.29198	0.32238	0.3149	0.36996	0.91318
579225.014141736.4	579225	4141736	0.27347	0.29963	0.29167	0.34011	0.93271
579245.014141736.4	579245	4141736	0.25702	0.27954	0.2707	0.31305	0.96927
579265.014141736.4	579265	4141736	0.24208	0.26063	0.25173	0.28867	1.02571
579285.014141736.4	579285	4141736	0.22836	0.24491	0.23458	0.26758	1.11827
579305.014141736.4	579305	4141736	0.21566	0.23135	0.21903	0.24908	1.25978
579325.014141736.4	579325	4141736	0.20385	0.21792	0.2049	0.23193	1.45368
579345.014141736.4	579345	4141736	0.19276	0.20549	0.19198	0.21642	1.76201
578385.014141756.4	578385	4141756	0.05804	0.05512	0.08367	0.0749	0.07645
578405.014141756.4	578405	4141756	0.06372	0.06033	0.09359	0.08315	0.08159
578425.014141756.4	578425	4141756	0.07016	0.06624	0.10516	0.09269	0.08727
578445.014141756.4	578445	4141756	0.07758	0.07302	0.11888	0.10391	0.09365
578465.014141756.4	578465	4141756	0.08616	0.08086	0.13527	0.11721	0.10085
578485.014141756.4	578485	4141756	0.09744	0.09107	0.15749	0.13509	0.11017
578845.014141756.4	578845	4141756	2.00086	2.04146	3.59379	4.83304	1.14715
578865.014141756.4	578865	4141756	2.17247	2.27446	2.86013	3.94341	1.31059
578885.014141756.4	578885	4141756	2.21334	2.37674	2.19301	3.01256	1.44835
578905.014141756.4	578905	4141756	2.09634	2.30935	1.67314	2.25225	1.52428
578925.014141756.4	578925	4141756	1.85165	2.09208	1.30386	1.71316	1.52462
578945.014141756.4	578945	4141756	1.55379	1.79635	1.04834	1.351	1.47022
578965.014141756.4	578965	4141756	1.27321	1.49622	0.86712	1.10552	1.39068
578985.014141756.4	578985	4141756	1.04389	1.22743	0.73569	0.92668	1.29586
579005.014141756.4	579005	4141756	0.86506	1.00505	0.63862	0.79663	1.20309
579025.014141756.4	579025	4141756	0.72485	0.83081	0.56543	0.70013	1.11918
579045.014141756.4	579045	4141756	0.61235	0.69701	0.50838	0.6262	1.04682
579065.014141756.4	579065	4141756	0.52164	0.59216	0.46213	0.56644	0.98479
579085.014141756.4	579085	4141756	0.44936	0.50966	0.42334	0.51634	0.93337

			Dust										
XY	X	Y	Demolition	Grading	New Building Construction	Renovation Building Construction	Paving	Architectural Coating	Demolition	Construction	Demolition	Construction	Haul
578385.014141176.4	578385	4141176	0.08533	0.05732	0.05823	0.03122	0.07194	0.04506	0.02527	0.02504	0.04498	0.04405	0.04865
578405.014141176.4	578405	4141176	0.09482	0.06456	0.06578	0.03399	0.0816	0.05025	0.02785	0.02748	0.04945	0.04827	0.05093
578425.014141176.4	578425	4141176	0.106	0.07328	0.07473	0.03721	0.09347	0.05643	0.03085	0.03028	0.05457	0.05315	0.05383
578445.014141176.4	578445	4141176	0.11936	0.08396	0.08555	0.04099	0.10834	0.06392	0.03427	0.03346	0.06059	0.05891	0.05756
578465.014141176.4	578465	4141176	0.13467	0.09656	0.09822	0.0452	0.12631	0.07263	0.03799	0.03692	0.0674	0.06544	0.06011
578485.014141176.4	578485	4141176	0.15334	0.11236	0.114	0.05021	0.14918	0.08338	0.04217	0.04084	0.07563	0.07336	0.06347
578505.014141176.4	578505	4141176	0.17672	0.13256	0.13418	0.05629	0.17859	0.09696	0.04692	0.04532	0.08586	0.08324	0.06809
578525.014141176.4	578525	4141176	0.20488	0.15729	0.15932	0.06341	0.21493	0.11339	0.05215	0.0503	0.0981	0.09504	0.07232
578545.014141176.4	578545	4141176	0.24027	0.18846	0.19176	0.07211	0.26054	0.13399	0.05814	0.05609	0.11339	0.10977	0.07788
578565.014141176.4	578565	4141176	0.28295	0.22584	0.23176	0.08235	0.31488	0.15854	0.06479	0.06258	0.13171	0.12709	0.08259
578585.014141176.4	578585	4141176	0.33596	0.27185	0.28218	0.0949	0.38111	0.18876	0.0726	0.07026	0.15431	0.14813	0.08858
578605.014141176.4	578605	4141176	0.40032	0.32751	0.34422	0.11008	0.46076	0.22537	0.08184	0.07933	0.18149	0.1729	0.09515
578625.014141176.4	578625	4141176	0.47651	0.39382	0.41877	0.12804	0.55568	0.269	0.09278	0.09004	0.21323	0.20124	0.10173
578645.014141176.4	578645	4141176	0.56777	0.47453	0.50984	0.14955	0.67222	0.32209	0.10625	0.1031	0.25029	0.23381	0.1094
578665.014141176.4	578665	4141176	0.67974	0.57613	0.62431	0.17563	0.82081	0.38876	0.12344	0.11967	0.2939	0.27184	0.11979
578685.014141176.4	578685	4141176	0.81877	0.70557	0.7702	0.2072	1.01377	0.47315	0.14548	0.14055	0.34497	0.31632	0.13221
578705.014141176.4	578705	4141176	0.98701	0.86633	0.95164	0.24407	1.25804	0.57697	0.1726	0.16581	0.40266	0.36667	0.14496
578725.014141176.4	578725	4141176	1.1962	1.07042	1.18365	0.2882	1.57258	0.7074	0.20614	0.19645	0.46958	0.42501	0.15938
578745.014141176.4	578745	4141176	1.46222	1.33199	1.48644	0.34242	1.97587	0.87304	0.24743	0.23358	0.54971	0.49431	0.17644
578765.014141176.4	578765	4141176	1.7928	1.6524	1.86747	0.40773	2.45809	1.07489	0.2959	0.27685	0.64438	0.5752	0.19576
578785.014141176.4	578785	4141176	2.21647	2.04188	2.34683	0.48911	3.01309	1.32086	0.35326	0.3282	0.76147	0.67385	0.21942
578805.014141176.4	578805	4141176	2.75295	2.48989	2.91632	0.58991	3.59358	1.6077	0.42	0.3887	0.90676	0.79471	0.24841
578825.014141176.4	578825	4141176	3.42651	2.98001	3.55371	0.71647	4.14024	1.93128	0.49888	0.46125	1.09084	0.94591	0.28508
578845.014141176.4	578845	4141176	4.2373	3.47563	4.20279	0.87545	4.57296	2.2778	0.59358	0.54903	1.32391	1.13466	0.33108
578865.014141176.4	578865	4141176	5.12336	3.90945	4.76319	1.06762	4.80089	2.61463	0.70517	0.65231	1.6044	1.35883	0.38474
578885.014141176.4	578885	4141176	6.05837	4.25757	5.18988	1.30707	4.81683	2.93856	0.84478	0.78009	1.94235	1.62664	0.44771
578905.014141176.4	578905	4141176	6.96863	4.48126	5.42326	1.59936	4.63077	3.23239	1.0207	0.939	2.32351	1.93061	0.51653
578925.014141176.4	578925	4141176	7.80605	4.57018	5.4457	1.95332	4.30121	3.49214	1.24655	1.14061	2.7232	2.25954	0.58767
578945.014141176.4	578945	4141176	8.53491	4.53048	5.26812	2.37765	3.89958	3.71728	1.53888	1.39841	3.10251	2.59293	0.65711
578965.014141176.4	578965	4141176	9.08519	4.36509	4.91004	2.86389	3.47458	3.89125	1.90282	1.71511	3.40424	2.89083	0.71904
578985.014141176.4	578985	4141176	9.43089	4.10702	4.43423	3.41046	3.07086	4.01571	2.34558	2.09549	3.59523	3.12392	0.77279
579005.014141176.4	579005	4141176	9.51876	3.78026	3.89762	3.98321	2.70134	4.07747	2.84918	2.52675	3.65179	3.2619	0.81775
579025.014141176.4	579025	4141176	9.35491	3.42537	3.3695	4.5387	2.37606	4.08034	3.39101	2.99925	3.58557	3.30093	0.85915
579045.014141176.4	579045	4141176	8.92618	3.06163	2.88556	4.97906	2.08651	4.00442	3.90751	3.47472	3.41211	3.23898	0.89977
579065.014141176.4	579065	4141176	8.25683	2.70343	2.46226	5.20158	1.82565	3.83169	4.31829	3.89699	3.15805	3.08583	0.94131
579085.014141176.4	579085	4141176	7.41025	2.36081	2.10017	5.14811	1.58985	3.55902	4.55108	4.2014	2.85445	2.86029	0.98391
579105.014141176.4	579105	4141176	6.49656	2.04821	1.79789	4.84825	1.38235	3.21661	4.5818	4.35014	2.53922	2.59449	1.03031
579125.014141176.4	579125	4141176	5.60397	1.77069	1.54487	4.37777	1.20321	2.84059	4.41753	4.32373	2.23847	2.3163	1.08108
579145.014141176.4	579145	4141176	4.79093	1.52886	1.33051	3.8304	1.05096	2.46639	4.09663	4.13185	1.96715	2.04802	1.13575
579165.014141176.4	579165	4141176	4.07988	1.31972	1.14635	3.28263	0.92235	2.11825	3.67373	3.80743	1.72917	1.80282	1.19232
579185.014141176.4	579185	4141176	3.49133	1.14515	0.99175	2.79974	0.81708	1.81958	3.22565	3.41713	1.53044	1.59474	1.25614
579205.014141176.4	579205	4141176	2.99262	0.99577	0.85957	2.38394	0.72847	1.56308	2.78938	2.99855	1.35852	1.41581	1.32103
579225.014141176.4	579225	4141176	2.57435	0.8698	0.74911	2.03945	0.65435	1.3486	2.40374	2.60095	1.21025	1.26434	1.3895
578385.014141196.4	578385	4141196	0.08384	0.05622	0.05673	0.031	0.0709	0.0443	0.02439	0.02428	0.04423	0.0435	0.04988
578405.014141196.4	578405	4141196	0.09315	0.06338	0.06426	0.03372	0.08047	0.04941	0.02678	0.02657	0.0488	0.04778	0.05215
578425.014141196.4	578425	4141196	0.10416	0.07202	0.07322	0.03686	0.09222	0.05551	0.02962	0.02926	0.05401	0.0527	0.05515
578445.014141196.4	578445	4141196	0.11701	0.08235	0.08381	0.04044	0.10659	0.06272	0.03287	0.0323	0.05993	0.05832	0.05809
578465.014141196.4	578465	4141196	0.13232	0.09503	0.09663	0.04462	0.12459	0.07146	0.0366	0.03577	0.06684	0.06491	0.06144
578485.014141196.4	578485	4141196	0.15084	0.11084	0.11243	0.04953	0.14746	0.08219	0.04084	0.03972	0.07508	0.07281	0.06522
578505.014141196.4	578505	4141196	0.17344	0.13064	0.13217	0.05534	0.17657	0.09544	0.04562	0.04417	0.08497	0.08233	0.06932
578525.014141196.4	578525	4141196	0.20155	0.15581	0.15744	0.06235	0.21385	0.11208	0.05103	0.04925	0.09713	0.09411	0.07424
578545.014141196.4	578545	4141196	0.23642	0.18728	0.18973	0.07078	0.2607	0.13273	0.05712	0.05504	0.11209	0.10853	0.07952
578565.014141196.4	578565	4141196	0.27992	0.22647	0.23103	0.08101	0.31878	0.15824	0.06402	0.0617	0.13057	0.12611	0.08503
578585.014141196.4	578585	4141196	0.33374	0.27465	0.28315	0.09341	0.38956	0.1895	0.07191	0.06938	0.15323	0.14735	0.09094
578605.014141196.4	578605	4141196	0.3993	0.33303	0.34765	0.10835	0.47478	0.22737	0.08099	0.07829	0.18058	0.17251	0.09724
578625.014141196.4	578625	4141196	0.47924	0.40447	0.42759	0.12654	0.57904	0.2737	0.09184	0.08895	0.2135	0.2021	0.10411
578645.014141196.4	578645	4141196	0.57848	0.49459	0.52902	0.14911	0.71162	0.33222	0.10548	0.10227	0.25348	0.23738	0.11387
578665.014141196.4	578665	4141196	0.70102	0.60883	0.65787	0.17671	0.88209	0.40609	0.12278	0.11903	0.30109	0.27879	0.12507
578685.014141196.4	578685	4141196	0.84757	0.74979	0.81691	0.20894	1.09601	0.49667	0.14404	0.13939	0.35515	0.32559	0.13692
578705.014141196.4	578705	4141196	1.02881	0.92942	1.01997	0.24737	1.37377	0.6111	0.17091	0.16466	0.41768	0.37976	0.15037
578725.014141196.4	578725	4141196	1.25675	1.16056	1.28342	0.29362	1.73624	0.75686	0.20475	0.19587	0.49069	0.44306	0.1658
578745.014141196.4	578745	4141196	1.54833	1.45827	1.62946	0.35033	2.20277	0.94294	0.24698	0.23407	0.5778	0.51813	0.18393
578765.014141196.4	578765	4141196	1.92532	1.83499	2.08112	0.42096	2.77774	1.17728	0.29885	0.28036	0.68403	0.60856	0.20572
578785.014141196.4	578785	4141196	2.40381	2.28486	2.64021	0.50774	3.42352	1.45796	0.36004	0.33479	0.81277	0.7166	0.23137
578805.014141196.4	578805	4141196	3.02182	2.80612	3.31061	0.61765	4.09795	1.78819	0.43294	0.40016	0.97527	0.85098	0.26361
578825.014141196.4	578825	4141196	3.79364	3.36465	4.04598	0.75572	4.70813	2.15416	0.51878	0.47827	1.18006	1.01798	0.3039
578845.014141196.4	578845	4141196	4.72402	3.92053	4.78228	0.93138	5.16449	2.54226	0.62227	0.57354	1.44154	1.22797	0.35503
578865.014141196.4	578865	4141196	5.76679	4.41266	5.42177	1.15273	5.38159	2.92773	0.74879	0.69018	1.7681	1.48623	0.41743
578885.014141196.4	578885	4141196	6.82179	4.77243	5.85942	1.42252	5.31775	3.27841	0.90279	0.83115	2.15175	1.78707	0.48787
578905.014141196.4	578905	4141196	7.84137	4.98604	6.06569	1.75597	5.03081	3.59533	1.09997	1.00918	2.58718	2.13109	0.56496
578925.014141196.4	578925	4141196	8.76607	5.04373	6.02468	2.16253	4.60137	3.87391	1.35646	1.23752	3.04112	2.50287	0.64364
578945.014141196.4	578945	4141196	9.54578	4.95173	5.75155	2.64841	4.11394	4.10945	1.68922	1.52966	3.45996	2.87308	0.71798
578965.014141196.4	578965	4141196	10.13508	4.73126	5.29222	3.21639	3.63152	4.29665	2.11236	1.89541	3.78517	3.20212	0.78361
578985.014141196.4	578985	4141196	10.45113	4.40023	4.70131	3.84253	3.17759	4.4138	2.61711	2.32591	3.96221	3.44027	0.83676
579005.014141196.4	579005	4141196	10.51042	4.01785	4.07908	4.52156	2.77933	4.47932	3.20779	2.828	3.99217	3.57558	0.8831
579025.014141196.4	579025	4141196	10.27414	3.61281	3.48608	5.17533	2.42961	4.47758	3.84137	3.37853	3.88157	3.59454	0.92668
579045.014141196.4	579045	4141196	9.69623	3.19516	2.94817	5.65215	2.11274	4.36693	4.41925	3.91397	3.64574	3.48959	0.96776
579065.014141196.4	579065	4141196	8.8602	2.79503	2.49269	5.8505	1.83224	4.146	4.86306	4.38329	3.3339	3.28896	1.01227
579085.014141196.4	579085	4141196	7.82404	2.41225	2.10436	5.6927	1.57969	3.8	5.07052	4.69063	2.97427	3.00886	1.05644
579105.014141196.4	579105	4141196	6.74677	2.06897	1.78434	5.25271	1.36264	3.38174	5.03403	4.80605	2.61584	2.69478	1.1051
579125.014141196.4	579125	4141196	5.7359	1.77118	1.52036	4.64721	1.18082	2.94185	4.77792	4.71789	2.2869	2.38072	1.15975
579145.014141196.4	579145	4141196	4.85494	1.51944	1.30143	4.00134	1.03162	2.5253	4.36444	4.45221	2.0018	2.0923	1.22189
579165.014141196.4	579165	4141196	4.10109	1.30478	1.1154	3.38705	0.90751	2.14897	3.85712	4.04709	1.75508	1.83528	1.28661
579185.014141196.4	579185	4141196	3.47038	1.12377	0.95868	2.85026	0.80447	1.82529	3.33213	3.57109	1.54391	1.6144	1.35377
579205.014141196.4	579205	4141196	2.95103	0.9734	0.8294	2.40666	0.71927	1.55693	2.85148	3.0936	1.3645	1.42934	1.42623
579225.014141196.4	579225	4141196	2.52105	0.84862	0.72415	2.04481	0.64798	1.33601	2.44258	2.65911	1.20967	1.27286	1.50463
579245.014141196.4	579245	4141196	2.16385	0.74534	0.63958	1.74836	0.58754	1.15392	2.10823	2.28915	1.07398	1.13775	1.59017
578385.014141216.4	578385	4141216	0.08258	0.05509	0.05514	0.0309	0.06971	0.04361	0.02383	0.02375	0.04325	0.04277	0.05125
578405.014141216.4	578405	4141216	0.09167	0.06216	0.06258	0.03357	0.07924	0.04863	0.02596	0.02585	0.04794	0.04714	0.05359
578425.014141216.4	578425	4141216	0.10236	0.07061	0.07142	0.03662	0.09077	0.05457	0.02853	0.02833	0.05322	0.05208	0.05628
578445.014141216.4	578445	4141216	0.11496	0.0808	0.08195	0.04012	0.10492	0.06165	0.03157	0.03123	0.05922	0.05773	0.05924
578465.014141216.4	578465	4141216	0.13003	0.09336	0.09475	0.04421	0.12273	0.07027	0.03517	0.03461	0.06619	0.06434	0.06281
578485.014141216.4	578485	4141216	0.14816	0.10895	0.11043	0.04897	0.14532	0.08083	0.03932	0.03848	0.07437	0.07214	0.06662
578505.014141216.4	578505	4141216	0.1701	0.1284	0.12985	0.05455	0.17411	0.0938	0.04404	0.04286	0.08407	0.08144	0.0705
578525.014141216.4	578525	4141216	0.19799	0.15385	0.15516	0.06141	0.21205	0.11055	0.04957	0.04801	0.09617	0.09316	0.07607
578545.014141216.4	578545	4141216	0.2325	0.18575	0.18748	0.06963	0.26024	0.13133	0.05579	0.05384	0.11093	0.10739	0.08155
578565.014141216.4	578565	4141216	0.27591	0.22609	0.2293	0.07963	0.32112	0.15735	0.06286	0.06054	0.12925	0.12489	0.08717
578585.014141216.4	578585	4141216	0.33046	0.27658	0.28311	0.09187	0.39688	0.18975	0.07094	0.06829	0.15198	0.14635	0.09339
578605.014141216.4	578605	4141216	0.39775	0.33852	0.35074	0.10669	0.48921	0.22941	0.08013	0.07723	0.17968	0.17207	0.1
578625.014141216.4	578625	4141216	0.48228	0.41638	0.43723	0.1252	0.60522	0.27924	0.09116	0.08803	0.214	0.20322	0.10803
578645.014141216.4	578645	4141216	0.58868	0.51577	0.5487	0.14846	0.75449	0.34279	0.10487	0.10146	0.25635	0.24077	0.11803
578665.014141216.4	578665	4141216	0.71731	0.63928	0.68777	0.17635	0.9424	0.4215	0.12153	0.11772	0.30606	0.28402	0.12902

578685.014141216.4	578685	4141216	0.87653	0.79755	0.86636	0.21017	1.18752	0.52175	0.14263	0.1381	0.36479	0.33461	0.14184
578705.014141216.4	578705	4141216	1.07219	0.99911	1.09435	0.25023	1.50536	0.64834	0.16906	0.16326	0.4325	0.39286	0.15607
578725.014141216.4	578725	4141216	1.32056	1.26184	1.39445	0.29869	1.92535	0.81175	0.20282	0.19476	0.51216	0.46145	0.17256
578745.014141216.4	578745	4141216	1.64318	1.60521	1.79543	0.35853	2.47315	1.02347	0.24592	0.23408	0.60792	0.54359	0.19221
578765.014141216.4	578765	4141216	2.06751	2.04457	2.32652	0.4337	3.15375	1.29319	0.30011	0.2826	0.72548	0.64331	0.21608
578785.014141216.4	578785	4141216	2.62015	2.57696	2.99595	0.52795	3.92478	1.62121	0.36607	0.3411	0.87046	0.7644	0.24495
578805.014141216.4	578805	4141216	3.32985	3.18178	3.784	0.64644	4.70456	2.00007	0.44463	0.41092	1.05107	0.9129	0.28039
578825.014141216.4	578825	4141216	4.22792	3.82742	4.64546	0.79834	5.39328	2.41969	0.53886	0.49567	1.28207	1.09982	0.3256
578845.014141216.4	578845	4141216	5.30627	4.45395	5.48515	0.99332	5.86784	2.85675	0.65268	0.59947	1.57799	1.33524	0.38305
578925.014141216.4	578925	4141216	9.87473	5.57244	6.66966	2.40071	4.90621	4.30742	1.47845	1.34473	3.40924	2.78134	0.70735
578945.014141216.4	578945	4141216	10.69828	5.41127	6.2729	2.9568	4.32255	4.55037	1.85678	1.67543	3.86901	3.191	0.78601
578965.014141216.4	578965	4141216	11.35002	5.13212	5.69927	3.6318	3.7868	4.7612	2.35626	2.104	4.2224	3.55919	0.85598
578985.014141216.4	578985	4141216	11.68912	4.73714	4.99551	4.38753	3.29426	4.89588	2.95847	2.61313	4.39331	3.81555	0.9116
579005.014141216.4	579005	4141216	11.68972	4.28176	4.2671	5.1933	2.85707	4.95789	3.65047	3.19687	4.37835	3.93733	0.95786
579025.014141216.4	579025	4141216	11.29838	3.79936	3.58377	5.93318	2.46724	4.92346	4.36779	3.8183	4.19363	3.91193	0.99905
579045.014141216.4	579045	4141216	10.53425	3.32309	2.99195	6.44768	2.12297	4.77096	5.01704	4.42484	3.88458	3.75436	1.04117
579065.014141216.4	579065	4141216	9.47767	2.87322	2.50177	6.58878	1.82255	4.48206	5.48381	4.93791	3.5035	3.49314	1.08791
579085.014141216.4	579085	4141216	8.23246	2.45277	2.09334	6.29506	1.55987	4.05319	5.65855	5.25063	3.08878	3.15588	1.13609
579105.014141216.4	579105	4141216	6.97968	2.08074	1.75943	5.68107	1.33919	3.54906	5.53523	5.32276	2.68914	2.7924	1.18901
579125.014141216.4	579125	4141216	5.85463	1.76658	1.48878	4.92508	1.16024	3.04304	5.16943	5.1605	2.33652	2.44577	1.25082
579145.014141216.4	579145	4141216	4.89122	1.50269	1.26467	4.16093	1.01447	2.57475	4.63506	4.79102	2.03294	2.13316	1.31849
579165.014141216.4	579165	4141216	4.08226	1.2808	1.07719	3.46589	0.89394	2.1632	4.02166	4.27779	1.77174	1.85968	1.38779
579185.014141216.4	579185	4141216	3.42507	1.09878	0.92435	2.88625	0.79517	1.82211	3.42771	3.71781	1.55194	1.63103	1.46322
579205.014141216.4	579205	4141216	2.89273	0.95028	0.80169	2.41879	0.71341	1.54531	2.90972	3.18438	1.36566	1.4409	1.54723
579225.014141216.4	579225	4141216	2.45896	0.82911	0.70438	2.04269	0.64456	1.32099	2.4842	2.71931	1.205	1.27977	1.6414
579245.014141216.4	579245	4141216	2.09765	0.7282	0.62616	1.72954	0.58439	1.13405	2.13143	2.32343	1.06111	1.13597	1.73841
578385.014141236.4	578385	4141236	0.08144	0.05385	0.05346	0.03083	0.06822	0.04292	0.02354	0.02346	0.042	0.04178	0.05185
578405.014141236.4	578405	4141236	0.09048	0.06096	0.06086	0.03354	0.07788	0.04795	0.02551	0.02542	0.04683	0.04631	0.05511
578425.014141236.4	578425	4141236	0.10083	0.06922	0.0695	0.03653	0.08924	0.05373	0.02777	0.02766	0.05218	0.05131	0.05765
578445.014141236.4	578445	4141236	0.11314	0.07924	0.07992	0.03997	0.1032	0.06067	0.03053	0.03034	0.05829	0.05702	0.06067
578465.014141236.4	578465	4141236	0.12784	0.09153	0.09254	0.04396	0.12067	0.06909	0.03384	0.03352	0.06531	0.06363	0.06409
578485.014141236.4	578485	4141236	0.14554	0.10683	0.10804	0.04859	0.14287	0.07941	0.03777	0.03723	0.0735	0.07138	0.06789
578505.014141236.4	578505	4141236	0.16767	0.12668	0.12783	0.05419	0.17216	0.09262	0.04248	0.04166	0.08344	0.0809	0.07319
578525.014141236.4	578525	4141236	0.19492	0.15186	0.15291	0.06083	0.21017	0.10915	0.04794	0.04672	0.0954	0.09241	0.07859
578545.014141236.4	578545	4141236	0.22822	0.18346	0.18454	0.06863	0.25851	0.12956	0.05408	0.05241	0.10969	0.10616	0.0834
578565.014141236.4	578565	4141236	0.27107	0.22456	0.22647	0.07832	0.32164	0.15585	0.06125	0.05911	0.12775	0.12347	0.0892
578585.014141236.4	578585	4141236	0.32619	0.27744	0.28189	0.09039	0.40263	0.18944	0.06957	0.06696	0.15056	0.14513	0.0959
578605.014141236.4	578605	4141236	0.39488	0.3431	0.35255	0.10503	0.50268	0.23094	0.07896	0.07596	0.17852	0.17132	0.10289
578625.014141236.4	578625	4141236	0.48215	0.42636	0.4441	0.12337	0.62941	0.28349	0.09005	0.08672	0.21348	0.20336	0.11113
578645.014141236.4	578645	4141236	0.59332	0.53359	0.56359	0.14664	0.79381	0.35106	0.10362	0.09997	0.25716	0.24241	0.1213
578665.014141236.4	578665	4141236	0.73128	0.67028	0.71696	0.17531	1.00627	0.43689	0.12019	0.1162	0.30993	0.28849	0.13302
578685.014141236.4	578685	4141236	0.90352	0.84753	0.91659	0.21047	1.28687	0.54752	0.14103	0.13648	0.37314	0.34282	0.14673
578705.014141236.4	578705	4141236	1.11795	1.07745	1.17666	0.25273	1.6576	0.68982	0.16728	0.16175	0.44728	0.40616	0.16224
578725.014141236.4	578725	4141236	1.39135	1.38002	1.52291	0.30394	2.15179	0.87532	0.20096	0.19357	0.53492	0.48104	0.18018
578745.014141236.4	578745	4141236	1.7466	1.77613	1.98757	0.36668	2.79612	1.11614	0.24416	0.23346	0.63962	0.57033	0.20117
578765.014141236.4	578765	4141236	2.22099	2.28768	2.61127	0.4459	3.60125	1.4259	0.29968	0.28355	0.76877	0.67946	0.22693
578785.014141236.4	578785	4141236	2.86243	2.92289	3.42042	0.54833	4.53038	1.81216	0.37023	0.34616	0.93274	0.81577	0.25957
578805.014141236.4	578805	4141236	3.68975	3.6359	4.36324	0.67718	5.44644	2.25351	0.45513	0.42114	1.13629	0.9821	0.29935
578825.014141236.4	578825	4141236	4.74638	4.38918	5.3829	0.84486	6.22689	2.73887	0.55871	0.51331	1.39922	1.19309	0.35071
578945.014141236.4	578945	4141236	12.072	5.93523	6.85766	3.32879	4.53856	5.07086	2.05717	1.84875	4.35602	3.56751	0.86539
578965.014141236.4	578965	4141236	12.72402	5.55468	6.11295	4.10621	3.92599	5.27879	2.62868	2.33574	4.71306	3.95907	0.93481
578985.014141236.4	578985	4141236	13.11785	5.09354	5.28578	5.03722	3.398	5.4462	3.35807	2.94641	4.87462	4.2385	0.99334
579005.014141236.4	579005	4141236	13.03091	4.55003	4.43385	5.99846	2.91537	5.49978	4.16868	3.62438	4.7952	4.33549	1.03809
579025.014141236.4	579025	4141236	12.46939	3.99035	3.66395	6.86368	2.48916	5.44004	5.00083	4.34297	4.52696	4.26084	1.07902
579045.014141236.4	579045	4141236	11.44965	3.44462	3.01436	7.40122	2.1168	5.22745	5.72357	5.02619	4.12771	4.03408	1.1215
579065.014141236.4	579065	4141236	10.09915	2.93526	2.48701	7.43114	1.79835	4.84182	6.19474	5.57423	3.66377	3.69573	1.16893
579085.014141236.4	579085	4141236	8.63024	2.48234	2.06734	6.96103	1.53487	4.32056	6.32838	5.89836	3.19868	3.30126	1.225
579105.014141236.4	579105	4141236	7.19388	2.08482	1.72456	6.13406	1.31716	3.71988	6.09297	5.91426	2.76137	2.88904	1.28511
579125.014141236.4	579125	4141236	5.9303	1.75085	1.44628	5.18788	1.14155	3.13038	5.57432	5.63816	2.37879	2.50331	1.35148
579145.014141236.4	579145	4141236	4.87853	1.47554	1.21973	4.28945	0.99964	2.60454	4.89107	5.13303	2.05372	2.16449	1.42308
579165.014141236.4	579165	4141236	4.03568	1.25316	1.038	3.52765	0.88483	2.16737	4.17598	4.50818	1.78323	1.88145	1.50281
579185.014141236.4	579185	4141236	3.35893	1.07278	0.89285	2.90776	0.78957	1.81161	3.5163	3.85978	1.55446	1.64549	1.58949
579205.014141236.4	579205	4141236	2.81691	0.92723	0.77873	2.41436	0.7095	1.52659	2.96159	3.26764	1.35938	1.44788	1.68652
579225.014141236.4	579225	4141236	2.38303	0.81007	0.68983	2.02185	0.64137	1.29872	2.51629	2.76921	1.19122	1.27912	1.79728
579245.014141236.4	579245	4141236	2.02681	0.71297	0.61835	1.69624	0.58089	1.10989	2.14476	2.34898	1.04048	1.12648	1.90995
578385.014141256.4	578385	4141256	0.08091	0.0528	0.05214	0.03092	0.0667	0.04244	0.02374	0.02357	0.04062	0.04061	0.05282
578405.014141256.4	578405	4141256	0.08956	0.05971	0.05917	0.03356	0.07625	0.04731	0.02543	0.02529	0.04544	0.0452	0.056
578425.014141256.4	578425	4141256	0.09979	0.06798	0.06769	0.03658	0.08772	0.05309	0.02746	0.02737	0.05093	0.05037	0.05936
578445.014141256.4	578445	4141256	0.11171	0.07775	0.07782	0.03997	0.10145	0.05985	0.02988	0.02978	0.05711	0.05614	0.06228
578465.014141256.4	578465	4141256	0.12595	0.08971	0.09015	0.04387	0.11851	0.06801	0.03283	0.03267	0.06419	0.06276	0.06549
578485.014141256.4	578485	4141256	0.14329	0.10474	0.10546	0.04845	0.14036	0.07813	0.03644	0.03616	0.07247	0.07055	0.06949
578505.014141256.4	578505	4141256	0.16499	0.1243	0.12506	0.05395	0.16933	0.09113	0.04089	0.04042	0.08247	0.08004	0.07505
578525.014141256.4	578525	4141256	0.19139	0.14898	0.14962	0.06036	0.20684	0.10726	0.04609	0.04529	0.09426	0.09131	0.08024
578545.014141256.4	578545	4141256	0.22394	0.1805	0.18093	0.06791	0.25559	0.12753	0.05212	0.05087	0.10839	0.10488	0.0852
578565.014141256.4	578565	4141256	0.26606	0.22214	0.22279	0.0773	0.32059	0.15397	0.05927	0.0575	0.12622	0.12199	0.09129
578585.014141256.4	578585	4141256	0.32095	0.27684	0.2791	0.08907	0.40613	0.18839	0.06771	0.06536	0.14891	0.14364	0.09837
578605.014141256.4	578605	4141256	0.39131	0.34691	0.35329	0.10363	0.5154	0.23218	0.07744	0.07452	0.17734	0.17045	0.1061
578625.014141256.4	578625	4141256	0.48015	0.4353	0.44919	0.12156	0.65301	0.28719	0.08858	0.08517	0.21252	0.20304	0.11444
578645.014141256.4	578645	4141256	0.5942	0.54956	0.57533	0.14432	0.83197	0.35813	0.10192	0.09809	0.25672	0.24297	0.12442
578665.014141256.4	578665	4141256	0.74165	0.70093	0.7441	0.17355	1.07256	0.45177	0.11856	0.11431	0.31239	0.29191	0.13698
578685.014141256.4	578685	4141256	0.92665	0.89862	0.96581	0.20964	1.39284	0.57332	0.13907	0.13437	0.37964	0.34976	0.15143
578705.014141256.4	578705	4141256	1.16389	1.16395	1.26549	0.25444	1.83143	0.7351	0.16539	0.15991	0.46121	0.41911	0.16864
578725.014141256.4	578725	4141256	1.46545	1.51434	1.66677	0.30847	2.41752	0.94675	0.19877	0.19187	0.55747	0.5007	0.18814
578745.014141256.4	578745	4141256	1.8618	1.97904	2.21466	0.37502	3.19003	1.2252	0.2421	0.23244	0.67337	0.59883	0.21111
578765.014141256.4	578765	4141256	2.39721	2.5827	2.95807	0.4591	4.15664	1.5856	0.29865	0.28404	0.81655	0.71919	0.23926
578785.014141256.4	578785	4141256	3.1298	3.3314	3.92541	0.56792	5.26228	2.03468	0.37176	0.34928	0.99831	0.86965	0.27496
578805.014141256.4	578805	4141256	4.11835	4.19431	5.08528	0.7108	6.36859	2.5621	0.46446	0.43098	1.23342	1.06046	0.32111
578965.014141256.4	578965	4141256	14.37734	6.02933	6.55762	4.68896	4.06333	5.89444	2.96034	2.61563	5.28911	4.43033	1.02518
578985.014141256.4	578985	4141256	14.73406	5.45139	5.54587	5.79293	3.47168	6.05728	3.80926	3.31922	5.39841	4.70369	1.07997
579005.014141256.4	579005	4141256	14.61258	4.83358	4.58291	7.00506	2.95569	6.1389	4.79984	4.13966	5.25391	4.7844	1.12731
579025.014141256.4	579025	4141256	13.79823	4.1795	3.71609	8.01267	2.49053	6.03815	5.76023	4.96652	4.87611	4.6393	1.16649
579045.014141256.4	579045	4141256	12.45601	3.56074	3.01486	8.56429	2.09762	5.75402	6.57161	5.74595	4.37555	4.33068	1.21096
579065.014141256.4	579065	4141256	10.76117	2.99336	2.45965	8.43007	1.77157	5.25329	7.04526	6.34238	3.82748	3.90845	1.2624
579085.014141256.4	579085	4141256	8.99957	2.49865	2.02522	7.68675	1.50951	4.59856	7.08822	6.64788	3.30157	3.4419	1.32431
579105.014141256.4	579105	4141256	7.33914	2.07106	1.6731	6.57275	1.29581	3.87121	6.68352	6.56299	2.81882	2.97113	1.38863
579125.014141256.4	579125	4141256	5.94635	1.72304	1.39446	5.41774	1.12653	3.19577	5.98029	6.14458	2.40958	2.54989	1.46175
579145.014141256.4	579145	4141256	4.83322	1.44465	1.17423	4.39743	0.99068	2.62273	5.14192	5.49042	2.06967	2.19344	1.54354
579165.014141256.4	579165	4141256	3.96075	1.22369	1.00179	3.56745	0.87955	2.16061	4.31877	4.73574	1.78773	1.89999	1.63536
579185.014141256.4	579185	4141256	3.27523	1.04779	0.86772	2.91207	0.78643	1.79426	3.60063	3.99846	1.55019	1.657	1.73835
579205.014141256.4	579205	4141256	2.73038	0.90627	0.76313	2.39281	0.70634	1.50234	3.00928	3.34585	1.3452	1.4494	1.85119
579225.014141256.4	579225	4141256	2.29945	0.79256	0.68132	1.98108	0.63689	1.26998	2.53396	2.80494	1.1675	1.26869	1.97636
579245.014141256.4	579245	4141256	1.95933	0.70062	0.61603	1.65129	0.57613	1.08354	2.14463	2.36356	1.01294	1.10853	2.11232
579265.014141256.4	579265	4141256	1.6914	0.62553	0.56226	1.38499	0.52261	0.93264	1.81581	1.99784	0.879	0.9657	2.25477
578385.014141276.4	578385	4141276	0.08171	0.05253	0.05185	0.03136	0.06573	0.04261	0.02458	0.02432	0.0395	0.03956	0.05624
578405.014141276.4	578405	4141276	0.08926	0.05867	0.05793	0.03371	0.07457	0.04689	0.02585	0.02559	0.04393	0.04389	0.05696
578425.014141276.4	578425	4141276	0.09902	0.06664	0.06593	0.03665	0.08583	0.05245	0.02759	0.0274	0.04936	0.04908	0.06017

578445.014141276.4	578445	4141276	0.11085	0.07645	0.0759	0.0401	0.0997	0.05924	0.02975	0.02967	0.05569	0.05505	0.06415
578465.014141276.4	578465	4141276	0.12467	0.08811	0.08787	0.04397	0.11647	0.0672	0.03234	0.03226	0.06283	0.06174	0.0674
578485.014141276.4	578485	4141276	0.14157	0.1028	0.10284	0.04851	0.13789	0.07708	0.03556	0.03545	0.0712	0.06958	0.07147
578505.014141276.4	578505	4141276	0.16224	0.12145	0.12164	0.05381	0.1657	0.08944	0.03951	0.03931	0.08103	0.07883	0.07608
578525.014141276.4	578525	4141276	0.18807	0.14574	0.14581	0.06012	0.20275	0.1053	0.04437	0.04395	0.09286	0.09006	0.08166
578545.014141276.4	578545	4141276	0.22004	0.17711	0.17682	0.06755	0.25171	0.12541	0.05014	0.04937	0.107	0.10357	0.08711
578565.014141276.4	578565	4141276	0.26085	0.21856	0.21792	0.07656	0.31739	0.15158	0.05703	0.05577	0.12449	0.12032	0.09325
578585.014141276.4	578585	4141276	0.31492	0.27448	0.27443	0.08799	0.40662	0.18648	0.0654	0.06352	0.14695	0.14181	0.10069
578605.014141276.4	578605	4141276	0.3848	0.34731	0.35004	0.10209	0.52292	0.23151	0.07513	0.07258	0.17517	0.16859	0.10871
578625.014141276.4	578625	4141276	0.47679	0.44312	0.45238	0.12005	0.67586	0.2904	0.08666	0.08343	0.21131	0.20236	0.11804
578645.014141276.4	578645	4141276	0.59439	0.56643	0.58684	0.14243	0.87361	0.36585	0.10007	0.0962	0.25631	0.24349	0.12831
578665.014141276.4	578665	4141276	0.74839	0.73132	0.76903	0.17141	1.14188	0.46633	0.11652	0.11209	0.3136	0.29436	0.14103
578685.014141276.4	578685	4141276	0.94713	0.95287	1.01585	0.20824	1.50986	0.60051	0.13692	0.13197	0.38487	0.35597	0.15633
578705.014141276.4	578705	4141276	1.20494	1.25511	1.35567	0.25459	2.02266	0.78204	0.16284	0.15725	0.4726	0.43038	0.17472
578725.014141276.4	578725	4141276	1.54444	1.6704	1.83129	0.31254	2.73632	1.0291	0.19654	0.18982	0.58006	0.52082	0.19671
578745.014141276.4	578745	4141276	1.98838	2.22036	2.4829	0.3831	3.67274	1.35373	0.23966	0.23082	0.70842	0.62861	0.2219
578765.014141276.4	578765	4141276	2.60283	2.94733	3.38875	0.47359	4.85912	1.78146	0.29731	0.28421	0.86966	0.76322	0.25341
578785.014141276.4	578785	4141276	3.45231	3.84491	4.56788	0.59042	6.19736	2.31232	0.37284	0.35229	1.07383	0.9313	0.2931
578985.014141276.4	578985	4141276	16.69925	5.84243	5.79584	6.74655	3.52742	6.79074	4.3659	3.77416	5.99529	5.24358	1.17769
579005.014141276.4	579005	4141276	16.41737	5.10785	4.68105	8.23357	2.96204	6.86585	5.53737	4.73355	5.73587	5.27104	1.22165
579025.014141276.4	579025	4141276	15.35335	4.37786	3.74615	9.4893	2.47917	6.76306	6.70427	5.73562	5.24954	5.059	1.26598
579045.014141276.4	579045	4141276	13.56465	3.67264	2.99352	10.00533	2.07246	6.37423	7.60316	6.6207	4.62837	4.64538	1.3122
579065.014141276.4	579065	4141276	11.44897	3.04482	2.41775	9.60799	1.7482	5.72231	8.06108	7.27157	3.9925	4.12848	1.37021
579085.014141276.4	579085	4141276	9.29347	2.49406	1.9631	8.44234	1.4861	4.86898	7.93109	7.49948	3.387	3.56696	1.43197
579105.014141276.4	579105	4141276	7.42783	2.04692	1.61373	7.0004	1.28178	4.00942	7.32017	7.2948	2.86853	3.04591	1.50631
579125.014141276.4	579125	4141276	5.92121	1.69085	1.34214	5.62443	1.1188	3.24785	6.39797	6.69862	2.4355	2.59387	1.59008
579145.014141276.4	579145	4141276	4.76004	1.41342	1.13362	4.48442	0.98698	2.63114	5.39103	5.86783	2.08088	2.22215	1.68633
579165.014141276.4	579165	4141276	3.86223	1.19494	0.97293	3.58203	0.87638	2.14363	4.4528	4.96137	1.78402	1.91504	1.79184
579185.014141276.4	579185	4141276	3.16888	1.02277	0.84961	2.88396	0.7821	1.7642	3.66641	4.11777	1.53304	1.65847	1.90918
579205.014141276.4	579205	4141276	2.63271	0.88645	0.75414	2.3446	0.70082	1.46897	3.03734	3.40358	1.31869	1.43901	2.04051
579225.014141276.4	579225	4141276	2.21883	0.77788	0.67862	1.9251	0.6303	1.23788	2.53399	2.82494	1.13515	1.2478	2.18727
579245.014141276.4	579245	4141276	1.89918	0.69041	0.61684	1.59527	0.56881	1.05498	2.11988	2.35582	0.97834	1.07966	2.34743
579265.014141276.4	579265	4141276	1.65487	0.62	0.56528	1.33779	0.51586	0.91083	1.77692	1.97438	0.84741	0.93453	2.52683
578385.014141296.4	578385	4141296	0.08203	0.05172	0.05157	0.03159	0.06389	0.04235	0.02554	0.02501	0.03798	0.03795	0.05517
578405.014141296.4	578405	4141296	0.0906	0.05866	0.05808	0.03427	0.07375	0.04728	0.02699	0.02659	0.04281	0.04281	0.06045
578425.014141296.4	578425	4141296	0.09914	0.06574	0.06494	0.03689	0.08408	0.05218	0.02832	0.02797	0.04775	0.04766	0.06145
578445.014141296.4	578445	4141296	0.11032	0.07508	0.07418	0.04022	0.09755	0.05863	0.03017	0.02991	0.05391	0.05358	0.06495
578465.014141296.4	578465	4141296	0.12401	0.08674	0.08588	0.04416	0.11441	0.06661	0.03248	0.03235	0.06118	0.06047	0.06936
578485.014141296.4	578485	4141296	0.14052	0.10112	0.10042	0.04871	0.13552	0.07631	0.03532	0.03525	0.06963	0.06841	0.07378
578505.014141296.4	578505	4141296	0.16053	0.11916	0.11859	0.05396	0.16255	0.08828	0.03879	0.03872	0.07948	0.07764	0.07822
578525.014141296.4	578525	4141296	0.18546	0.14261	0.14194	0.06016	0.19852	0.10358	0.04312	0.04297	0.09124	0.08872	0.08346
578545.014141296.4	578545	4141296	0.21664	0.1734	0.17226	0.06748	0.24692	0.12329	0.04843	0.04807	0.10538	0.10212	0.08912
578565.014141296.4	578565	4141296	0.25645	0.21457	0.21264	0.07631	0.31302	0.14919	0.05492	0.0542	0.12275	0.11869	0.0955
578585.014141296.4	578585	4141296	0.30849	0.27029	0.26785	0.08722	0.40368	0.18372	0.06284	0.06159	0.14464	0.13962	0.10282
578605.014141296.4	578605	4141296	0.37773	0.34577	0.34449	0.10099	0.52715	0.22997	0.07244	0.07051	0.17274	0.16641	0.11137
578625.014141296.4	578625	4141296	0.4703	0.4473	0.45078	0.11856	0.6935	0.29167	0.084	0.08125	0.20906	0.20062	0.12129
578645.014141296.4	578645	4141296	0.59291	0.58266	0.59616	0.141	0.91642	0.37342	0.09776	0.09417	0.25555	0.24358	0.13262
578665.014141296.4	578665	4141296	0.75224	0.76216	0.79211	0.1694	1.21595	0.48118	0.11405	0.10967	0.31396	0.29612	0.14546
578685.014141296.4	578685	4141296	0.96448	1.01066	1.06639	0.20657	1.63986	0.62944	0.1344	0.12929	0.38883	0.36139	0.16155
578705.014141296.4	578705	4141296	1.24525	1.35768	1.45386	0.25431	2.24568	0.83471	0.16014	0.15433	0.48291	0.44133	0.18124
578725.014141296.4	578725	4141296	1.61953	1.8433	2.00839	0.31475	3.1047	1.11924	0.19332	0.18661	0.59972	0.53912	0.20498
578745.014141296.4	578745	4141296	2.12904	2.51278	2.80576	0.39113	4.27611	1.50841	0.23703	0.22867	0.74483	0.65993	0.23372
579005.014141296.4	579005	4141296	18.59458	5.39819	4.74258	9.83801	2.94971	7.75305	6.45606	5.4634	6.25974	5.82006	1.32726
579025.014141296.4	579025	4141296	17.09521	4.5631	3.72874	11.36143	2.45206	7.61681	7.84074	6.64979	5.62392	5.50191	1.37319
579045.014141296.4	579045	4141296	14.74921	3.77238	2.9436	11.78932	2.04737	7.10217	8.85122	7.67782	4.87649	4.9696	1.42504
579065.014141296.4	579065	4141296	12.042	3.06314	2.34234	10.91106	1.72368	6.20392	9.21359	8.33419	4.12681	4.32475	1.48316
579085.014141296.4	579085	4141296	9.52709	2.4781	1.89219	9.23599	1.4728	5.1421	8.88831	8.50149	3.4647	3.68545	1.55596
579105.014141296.4	579105	4141296	7.45907	2.01615	1.55283	7.40763	1.27603	4.13298	8.00629	8.12891	2.91167	3.11626	1.6437
579125.014141296.4	579125	4141296	5.85086	1.65614	1.29445	5.79519	1.11594	3.2826	6.82158	7.30178	2.45373	2.63486	1.74126
579145.014141296.4	579145	4141296	4.63414	1.37779	1.09857	4.512	0.98238	2.61279	5.60681	6.23255	2.07489	2.23858	1.84759
579165.014141296.4	579165	4141296	3.73567	1.16612	0.95261	3.55397	0.87114	2.11018	4.56304	5.16723	1.76564	1.9193	1.9734
579185.014141296.4	579185	4141296	3.0512	0.99951	0.83962	2.82437	0.77475	1.72392	3.71028	4.21397	1.5025	1.64753	2.10907
579205.014141296.4	579205	4141296	2.5368	0.86918	0.75114	2.2759	0.69204	1.43035	3.04128	3.43794	1.28126	1.41549	2.26338
579225.014141296.4	579225	4141296	2.14932	0.76602	0.6794	1.85874	0.62089	1.20447	2.5076	2.82131	1.09567	1.21517	2.43808
579245.014141296.4	579245	4141296	1.85374	0.68255	0.61864	1.53574	0.55926	1.02715	2.06817	2.32263	0.94038	1.04163	2.62813
579265.014141296.4	579265	4141296	1.63068	0.61549	0.56698	1.28973	0.50717	0.8897	1.71251	1.92357	0.81495	0.89668	2.85013
579285.014141296.4	579285	4141296	1.45509	0.55938	0.52117	1.09772	0.46231	0.77984	1.42092	1.59473	0.71305	0.77564	3.09021
578385.014141316.4	578385	4141316	0.08379	0.05196	0.05272	0.03218	0.06302	0.04286	0.02704	0.02627	0.03703	0.03668	0.05631
578405.014141316.4	578405	4141316	0.09114	0.0579	0.05811	0.03451	0.07171	0.04707	0.02822	0.0275	0.0412	0.041	0.05918
578425.014141316.4	578425	4141316	0.10107	0.06604	0.06569	0.03758	0.08346	0.05281	0.02985	0.02925	0.04664	0.04653	0.06491
578445.014141316.4	578445	4141316	0.11109	0.07453	0.07371	0.0406	0.09596	0.05865	0.03132	0.03084	0.05228	0.05211	0.06714
578465.014141316.4	578465	4141316	0.12374	0.08534	0.08427	0.04432	0.11194	0.06604	0.03325	0.03285	0.05917	0.05878	0.07012
578485.014141316.4	578485	4141316	0.13973	0.09935	0.09812	0.04885	0.13266	0.07551	0.03574	0.03549	0.06756	0.06677	0.07492
578505.014141316.4	578505	4141316	0.15949	0.11712	0.11583	0.05418	0.15942	0.08737	0.03884	0.03869	0.07755	0.07617	0.08032
578525.014141316.4	578525	4141316	0.18378	0.1399	0.13841	0.06039	0.1945	0.10226	0.04266	0.04256	0.08934	0.08725	0.08565
578545.014141316.4	578545	4141316	0.21405	0.16979	0.1677	0.06766	0.24175	0.12141	0.04738	0.04725	0.10345	0.10054	0.09139
578565.014141316.4	578565	4141316	0.25294	0.21035	0.20709	0.07643	0.30755	0.1469	0.05331	0.053	0.1208	0.11698	0.09801
578585.014141316.4	578585	4141316	0.30357	0.26589	0.26112	0.08711	0.39952	0.18119	0.06066	0.06001	0.14248	0.13763	0.10552
578605.014141316.4	578605	4141316	0.37149	0.34302	0.33755	0.10056	0.52876	0.22812	0.06982	0.06861	0.17037	0.16423	0.11444
578625.014141316.4	578625	4141316	0.4629	0.4489	0.44564	0.11759	0.70711	0.29181	0.08101	0.07902	0.20637	0.19836	0.12465
578645.014141316.4	578645	4141316	0.5878	0.59513	0.59957	0.13973	0.95489	0.37906	0.09474	0.09181	0.25356	0.24243	0.13676
578665.014141316.4	578665	4141316	0.75464	0.79449	0.81389	0.16809	1.29725	0.49713	0.1112	0.10725	0.314	0.29752	0.15061
578685.014141316.4	578685	4141316	0.97874	1.07286	1.11723	0.20509	1.78605	0.66077	0.13138	0.12644	0.39166	0.36608	0.16728
578705.014141316.4	578705	4141316	1.28239	1.47196	1.55839	0.25364	2.50463	0.89334	0.15689	0.151	0.49144	0.45137	0.18807
578725.014141316.4	578725	4141316	1.69705	2.04689	2.21174	0.31656	3.55463	1.22513	0.18978	0.18296	0.61829	0.55736	0.21384
579025.014141316.4	579025	4141316	19.05813	4.73726	3.66403	13.81034	2.42312	8.65617	9.23373	7.75479	5.99429	5.96753	1.48999
579045.014141316.4	579045	4141316	15.93677	3.84413	2.85499	13.97688	2.02537	7.93998	10.34008	8.93347	5.09934	5.28422	1.54632
579065.014141316.4	579065	4141316	12.6043	3.07226	2.25781	12.41458	1.71337	6.74587	10.59637	9.63892	4.25656	4.52084	1.61567
579085.014141316.4	579085	4141316	9.69265	2.4542	1.81949	10.05278	1.46959	5.41419	9.97835	9.69706	3.53594	3.80001	1.70249
579105.014141316.4	579105	4141316	7.41648	1.97899	1.49574	7.76181	1.27417	4.22912	8.73025	9.07272	2.94255	3.17918	1.80468
579125.014141316.4	579125	4141316	5.7168	1.6171	1.25455	5.89165	1.11182	3.28485	7.22517	7.93397	2.4543	2.66446	1.91642
579145.014141316.4	579145	4141316	4.48109	1.34397	1.07531	4.49027	0.97555	2.57707	5.8023	6.59582	2.05524	2.2469	2.04059
579165.014141316.4	579165	4141316	3.59236	1.13856	0.94141	3.48177	0.86138	2.06188	4.64129	5.34262	1.73074	1.90865	2.18667
579185.014141316.4	579185	4141316	2.9387	0.97971	0.83669	2.7434	0.7637	1.67906	3.72961	4.28595	1.46056	1.62294	2.35022
579205.014141316.4	579205	4141316	2.45477	0.85497	0.75149	2.19587	0.67994	1.39047	3.01342	3.4429	1.23576	1.37823	2.53172
579225.014141316.4	579225	4141316	2.09739	0.75661	0.68051	1.78893	0.60902	1.17196	2.44787	2.78631	1.05255	1.1717	2.74177
579245.014141316.4	579245	4141316	1.82985	0.67782	0.61996	1.48349	0.54933	1.00443	1.99694	2.27007	0.90554	1.00018	2.98826
579265.014141316.4	579265	4141316	1.6225	0.6128	0.56686	1.25037	0.4987	0.87315	1.63636	1.85656	0.78813	0.85941	3.26843
579285.014141316.4	579285	4141316	1.45464	0.55734	0.51924	1.06957	0.45516	0.76792	1.35099	1.52424	0.6942	0.74513	3.57281
578385.014141336.4	578385	4141336	0.08642	0.05292	0.05492	0.03295	0.06291	0.04384	0.02881	0.02778	0.03661	0.03573	0.05763
578405.014141336.4	578405	4141336	0.09342	0.05847	0.05991	0.03518	0.07104	0.0478	0.03001	0.029	0.04036	0.03971	0.06034
578425.014141336.4	578425	4141336	0.10191	0.06539	0.06615	0.03782	0.08123	0.05268	0.03137	0.0304	0.04496	0.04453	0.06361
578445.014141336.4	578445	4141336	0.11271	0.07443	0.07444	0.0411	0.09451	0.05899	0.03305	0.0322	0.05077	0.05051	0.0689
578465.014141336.4	578465	4141336	0.12616	0.08589	0.08529	0.0451	0.11158	0.06687	0.03511	0.03436	0.05794	0.05762	0.07388
578485.014141336.4	578485	4141336	0.14012	0.09828	0.09705	0.04912	0.13025	0.07523	0.03702	0.03643	0.06546	0.06498	0.07657
578505.014141336.4	578505	4141336	0.15885	0.11518	0.11349	0.0543	0.15591	0.08651	0.03969	0.03925	0.07512	0.07422	0.08138

578525.014141336.4	578525	4141336	0.18262	0.13738	0.13521	0.06056	0.19023	0.1011	0.04309	0.04279	0.08692	0.08536	0.08744
578545.014141336.4	578545	4141336	0.21262	0.16681	0.16385	0.06801	0.23693	0.12005	0.04734	0.04715	0.10123	0.09882	0.09385
578565.014141336.4	578565	4141336	0.25013	0.20599	0.20148	0.07669	0.30097	0.14471	0.05254	0.05239	0.1184	0.115	0.10051
578585.014141336.4	578585	4141336	0.29935	0.26069	0.25373	0.08728	0.39285	0.17845	0.05915	0.0589	0.13991	0.13539	0.1083
578605.014141336.4	578605	4141336	0.36553	0.33832	0.3286	0.10051	0.52584	0.22547	0.06759	0.06702	0.16753	0.16167	0.11753
578625.014141336.4	578625	4141336	0.45592	0.44841	0.43765	0.11728	0.71661	0.2912	0.07821	0.07706	0.20347	0.19584	0.12836
578645.014141336.4	578645	4141336	0.5789	0.60209	0.595	0.13854	0.98511	0.38189	0.09122	0.08923	0.25	0.23972	0.14054
578665.014141336.4	578665	4141336	0.75281	0.8242	0.8289	0.16707	1.3787	0.51184	0.10773	0.10465	0.31256	0.29748	0.15582
578685.014141336.4	578685	4141336	0.98847	1.13817	1.16525	0.20387	1.94796	0.6939	0.1277	0.12341	0.39291	0.36948	0.17336
578705.014141336.4	578705	4141336	1.31758	1.60316	1.67232	0.25324	2.81418	0.96104	0.15312	0.14758	0.49867	0.46087	0.19561
579025.014141336.4	579025	4141336	21.35402	4.91984	3.56883	17.19573	2.41127	10.01567	11.01586	9.15299	6.37234	6.46989	1.62388
579045.014141336.4	579045	4141336	17.18614	3.90828	2.75064	16.77039	2.0198	8.97672	12.20268	10.51379	5.31678	5.6067	1.68762
579065.014141336.4	579065	4141336	13.08923	3.0684	2.16753	14.10127	1.71309	7.33736	12.2485	11.24777	4.37506	4.71079	1.77123
579085.014141336.4	579085	4141336	9.74332	2.41818	1.74929	10.81971	1.46857	5.65379	11.19078	11.10985	3.58894	3.90163	1.87363
579105.014141336.4	579105	4141336	7.27336	1.93354	1.44725	7.99963	1.26868	4.27387	9.46129	10.11765	2.94965	3.22543	1.99136
579125.014141336.4	579125	4141336	5.5322	1.57711	1.22746	5.90132	1.10279	3.25428	7.60033	8.59129	2.43501	2.68101	2.12464
579145.014141336.4	579145	4141336	4.31738	1.31383	1.06437	4.42369	0.96423	2.52842	5.9766	6.95341	2.02085	2.24386	2.27726
579165.014141336.4	579165	4141336	3.45463	1.11458	0.93777	3.38208	0.84691	2.00738	4.68677	5.48641	1.68228	1.88193	2.44654
579185.014141336.4	579185	4141336	2.84238	0.96299	0.83661	2.64886	0.74871	1.63243	3.70851	4.31932	1.40905	1.58173	2.64411
579205.014141336.4	579205	4141336	2.39448	0.84351	0.75142	2.1133	0.66535	1.35209	2.94496	3.4096	1.18668	1.32842	2.8626
579225.014141336.4	579225	4141336	2.07072	0.75065	0.6804	1.72854	0.59713	1.14553	2.36423	2.72821	1.01373	1.1245	3.13903
579245.014141336.4	579245	4141336	1.81976	0.67379	0.61784	1.43728	0.53919	0.98448	1.90484	2.18986	0.87583	0.95757	3.44903
579265.014141336.4	579265	4141336	1.61979	0.60927	0.56268	1.21683	0.49021	0.85823	1.55205	1.77087	0.76756	0.82489	3.80309
579285.014141336.4	579285	4141336	1.45475	0.554	0.51373	1.04824	0.44848	0.75773	1.28722	1.45009	0.68248	0.72105	4.20552
578385.014141356.4	578385	4141356	0.08982	0.05466	0.05801	0.03397	0.06383	0.04532	0.03072	0.02946	0.03685	0.03535	0.05947
578405.014141356.4	578405	4141356	0.09687	0.06007	0.06299	0.03617	0.07156	0.04923	0.03208	0.03079	0.04027	0.03903	0.06268
578425.014141356.4	578425	4141356	0.10526	0.06674	0.06907	0.03875	0.0813	0.05398	0.03357	0.03227	0.04449	0.04355	0.06638
578445.014141356.4	578445	4141356	0.11509	0.07486	0.07641	0.04173	0.09336	0.05965	0.03516	0.0339	0.04959	0.04888	0.06977
578465.014141356.4	578465	4141356	0.12712	0.08511	0.08576	0.04531	0.10877	0.06673	0.03699	0.0358	0.05588	0.05537	0.07396
578485.014141356.4	578485	4141356	0.1431	0.09903	0.09879	0.04994	0.12983	0.07621	0.03938	0.03827	0.06412	0.0636	0.07984
578505.014141356.4	578505	4141356	0.16106	0.11534	0.11411	0.05497	0.15484	0.08711	0.04181	0.04086	0.07339	0.07271	0.08463
578525.014141356.4	578525	4141356	0.18257	0.13563	0.13336	0.06076	0.18647	0.10045	0.04458	0.04383	0.08429	0.08322	0.0893
578545.014141356.4	578545	4141356	0.21155	0.16397	0.1605	0.06817	0.23158	0.11878	0.04835	0.0478	0.09837	0.09657	0.09592
578565.014141356.4	578565	4141356	0.24885	0.20265	0.19725	0.0771	0.29504	0.14325	0.05308	0.05271	0.11576	0.11297	0.10344
578585.014141356.4	578585	4141356	0.29637	0.25572	0.247	0.08763	0.38509	0.17604	0.05888	0.05864	0.13699	0.133	0.11137
578605.014141356.4	578605	4141356	0.36083	0.33291	0.31937	0.1008	0.51982	0.22275	0.06644	0.06618	0.16438	0.15896	0.12099
578625.014141356.4	578625	4141356	0.44857	0.44466	0.42604	0.11721	0.71885	0.2891	0.07604	0.07555	0.19975	0.1926	0.13204
578645.014141356.4	578645	4141356	0.57067	0.60718	0.58658	0.13817	1.01221	0.38422	0.08823	0.0872	0.24624	0.23669	0.14494
578665.014141356.4	578665	4141356	0.74524	0.84775	0.83255	0.16598	1.4532	0.52344	0.10387	0.10194	0.30886	0.29524	0.16074
578685.014141356.4	578685	4141356	0.99424	1.20723	1.20889	0.20316	2.12862	0.72937	0.12367	0.12052	0.39267	0.37154	0.17998
579025.014141356.4	579025	4141356	24.06713	5.115	3.44703	22.09395	2.41924	11.89568	13.33958	10.95776	6.75653	7.00972	1.77975
579045.014141356.4	579045	4141356	18.45996	3.96215	2.63662	20.35593	2.02505	10.27703	14.55472	12.53406	5.52456	5.93279	1.85436
579065.014141356.4	579065	4141356	13.41246	3.0441	2.07737	15.8676	1.7121	7.93278	14.19886	13.22956	4.46703	4.88173	1.95221
579085.014141356.4	579085	4141356	9.6325	2.36733	1.68874	11.41722	1.46065	5.81654	12.50359	12.76717	3.60979	3.97939	2.07251
579105.014141356.4	579105	4141356	7.03896	1.88302	1.41331	8.08183	1.25499	4.25875	10.17658	11.26851	2.92847	3.2516	2.21235
579125.014141356.4	579125	4141356	5.30834	1.53645	1.21234	5.81384	1.08555	3.18989	7.91935	9.24736	2.39061	2.67614	2.37364
579145.014141356.4	579145	4141356	4.13911	1.28292	1.05871	4.29456	0.94477	2.45865	6.07433	7.24498	1.96269	2.21314	2.55669
579165.014141356.4	579165	4141356	3.33204	1.09271	0.93551	3.26054	0.82734	1.94777	4.66999	5.56805	1.62074	1.83293	2.76233
579185.014141356.4	579185	4141356	2.7689	0.94833	0.8343	2.54774	0.73069	1.58537	3.6287	4.29484	1.35227	1.52362	3.00703
579205.014141356.4	579205	4141356	2.36088	0.83503	0.74849	2.039	0.65066	1.31893	2.8407	3.34076	1.142	1.2728	3.29529
579225.014141356.4	579225	4141356	2.05423	0.74382	0.67481	1.66941	0.58444	1.11891	2.24563	2.62418	0.97919	1.07371	3.63938
579245.014141356.4	579245	4141356	1.8123	0.66797	0.61051	1.39528	0.52896	0.96485	1.80052	2.08244	0.8529	0.91788	4.04115
579265.014141356.4	579265	4141356	1.61475	0.60381	0.55414	1.18994	0.48209	0.84452	1.47585	1.68004	0.75499	0.79817	4.51419
579285.014141356.4	579285	4141356	1.44748	0.54798	0.50451	1.03149	0.44194	0.7475	1.23922	1.38282	0.67711	0.70545	5.05425
579305.014141356.4	579305	4141356	1.30376	0.49932	0.46055	0.90737	0.40703	0.66831	1.06745	1.16718	0.61433	0.6336	5.6972
578385.014141376.4	578385	4141376	0.09356	0.0569	0.06147	0.03517	0.06569	0.04714	0.03253	0.03111	0.03781	0.0356	0.06121
578405.014141376.4	578405	4141376	0.10085	0.06227	0.06675	0.03739	0.07311	0.05105	0.03413	0.03261	0.04094	0.03892	0.06476
578425.014141376.4	578425	4141376	0.10921	0.06868	0.07285	0.03991	0.08225	0.05565	0.03582	0.03422	0.04472	0.04295	0.06822
578445.014141376.4	578445	4141376	0.11916	0.07665	0.08026	0.04287	0.0939	0.06127	0.03765	0.036	0.04943	0.04794	0.07212
578465.014141376.4	578465	4141376	0.1308	0.0864	0.08916	0.04627	0.10846	0.06802	0.0396	0.03793	0.05514	0.05396	0.07612
578485.014141376.4	578485	4141376	0.14471	0.09853	0.10016	0.05026	0.12692	0.07628	0.04171	0.04007	0.06212	0.0612	0.08033
578505.014141376.4	578505	4141376	0.16268	0.11473	0.11503	0.0553	0.15187	0.08716	0.04429	0.04273	0.07111	0.0703	0.08593
578525.014141376.4	578525	4141376	0.18591	0.13641	0.13526	0.06162	0.18579	0.1015	0.04745	0.04601	0.0826	0.08163	0.09267
578545.014141376.4	578545	4141376	0.21184	0.1621	0.15905	0.06836	0.22694	0.11813	0.05056	0.04934	0.09537	0.09405	0.09807
578565.014141376.4	578565	4141376	0.24806	0.19958	0.19404	0.07729	0.28854	0.14195	0.05489	0.05392	0.11248	0.11035	0.10602
578585.014141376.4	578585	4141376	0.29508	0.25193	0.24234	0.08808	0.3778	0.17445	0.06023	0.05951	0.13382	0.13054	0.11484
578605.014141376.4	578605	4141376	0.35753	0.32764	0.31136	0.10123	0.51177	0.22031	0.06692	0.06644	0.16084	0.15609	0.12481
578625.014141376.4	578625	4141376	0.44282	0.44011	0.41439	0.11754	0.71699	0.28694	0.07547	0.07511	0.19575	0.18923	0.13629
578645.014141376.4	578645	4141376	0.56286	0.60979	0.57438	0.13829	1.03349	0.38565	0.08651	0.08606	0.24193	0.23314	0.14985
578665.014141376.4	578665	4141376	0.73734	0.87044	0.83014	0.1657	1.52928	0.53515	0.10097	0.10007	0.3046	0.29228	0.16644
578685.014141376.4	578685	4141376	0.99385	1.27728	1.24223	0.20259	2.32419	0.76574	0.11975	0.11796	0.3901	0.37135	0.18687
579005.014141376.4	579005	4141376	34.12261	6.86371	4.48021	26.50327	2.94616	15.09333	13.56742	10.82717	8.70775	8.76505	1.89945
579025.014141376.4	579025	4141376	27.13486	5.29608	3.2886	29.44452	2.42862	14.59061	16.34675	13.25921	7.11129	7.55631	1.95522
579045.014141376.4	579045	4141376	19.54002	3.97724	2.51203	24.73448	2.02096	11.80953	17.47383	15.07237	5.68249	6.22523	2.04268
579065.014141376.4	579065	4141376	13.47407	2.99337	1.99793	17.46854	1.69921	8.44031	16.47509	15.68057	4.51371	5.01812	2.1624
579085.014141376.4	579085	4141376	9.36203	2.3055	1.64593	11.74295	1.44098	5.87402	13.89913	14.72826	3.59286	4.02944	2.3092
579105.014141376.4	579105	4141376	6.72684	1.82761	1.39236	7.98635	1.22987	4.18013	10.82353	12.50239	2.872	3.24692	2.47548
579125.014141376.4	579125	4141376	5.05892	1.49333	1.20202	5.63133	1.05839	3.09304	8.12226	9.83893	2.31622	2.63642	2.66896
579145.014141376.4	579145	4141376	3.97246	1.25248	1.05206	4.12774	0.91878	2.37739	6.06947	7.43781	1.88647	2.1521	2.89456
579165.014141376.4	579165	4141376	3.2387	1.07334	0.92945	3.13274	0.80501	1.88804	4.57841	5.57405	1.55442	1.76435	3.16027
579185.014141376.4	579185	4141376	2.72065	0.93522	0.82649	2.44812	0.7119	1.53975	3.48875	4.20593	1.29866	1.45532	3.47438
579205.014141376.4	579205	4141376	2.33693	0.82512	0.73873	1.96394	0.63538	1.28425	2.69076	3.21058	1.10295	1.21344	3.84895
579225.014141376.4	579225	4141376	2.03986	0.73512	0.66355	1.61587	0.57223	1.09295	2.11621	2.48925	0.95397	1.02841	4.30262
579245.014141376.4	579245	4141376	1.79993	0.65967	0.59851	1.36028	0.51935	0.94614	1.70888	1.96999	0.83949	0.88835	4.84826
579265.014141376.4	579265	4141376	1.59884	0.59479	0.54169	1.16673	0.47414	0.82982	1.41999	1.59811	0.74918	0.78142	5.48615
579285.014141376.4	579285	4141376	1.42935	0.53914	0.49236	1.01795	0.43537	0.73664	1.21511	1.33632	0.67704	0.6997	6.26858
579305.014141376.4	579305	4141376	1.28408	0.49075	0.44921	0.89931	0.40149	0.65975	1.06355	1.14792	0.6173	0.63506	7.25502
578385.014141396.4	578385	4141396	0.09749	0.05955	0.06492	0.03659	0.06848	0.04921	0.0341	0.03261	0.03951	0.03656	0.06293
578405.014141396.4	578405	4141396	0.10489	0.06481	0.07047	0.03879	0.07549	0.05308	0.0359	0.03426	0.04231	0.03942	0.06607
578425.014141396.4	578425	4141396	0.11329	0.07102	0.0768	0.04125	0.08402	0.05757	0.0378	0.03602	0.04567	0.04293	0.06935
578445.014141396.4	578445	4141396	0.12331	0.07874	0.0844	0.04414	0.09498	0.06305	0.0399	0.03798	0.04991	0.04739	0.07333
578465.014141396.4	578465	4141396	0.13551	0.08858	0.09382	0.04763	0.10933	0.06992	0.04226	0.0402	0.05532	0.05309	0.0781
578485.014141396.4	578485	4141396	0.14971	0.10061	0.105	0.0516	0.12738	0.07817	0.04473	0.04258	0.06187	0.05999	0.08291
578505.014141396.4	578505	4141396	0.16644	0.11555	0.1186	0.0562	0.15036	0.08822	0.04733	0.04514	0.06983	0.0683	0.0878
578525.014141396.4	578525	4141396	0.18891	0.1364	0.13771	0.06226	0.18303	0.10204	0.05061	0.04842	0.08055	0.0792	0.09469
578545.014141396.4	578545	4141396	0.21452	0.16175	0.16066	0.06893	0.22376	0.11849	0.05386	0.05178	0.09291	0.09158	0.10072
578565.014141396.4	578565	4141396	0.24861	0.19724	0.19298	0.07746	0.28223	0.1411	0.05791	0.05602	0.10902	0.10732	0.10844
578585.014141396.4	578585	4141396	0.2936	0.24747	0.23841	0.08806	0.36799	0.17241	0.06288	0.06124	0.12964	0.1271	0.11756
578605.014141396.4	578605	4141396	0.3541	0.32134	0.30412	0.10125	0.49961	0.2173	0.06904	0.06774	0.15619	0.15235	0.1282
578625.014141396.4	578625	4141396	0.43752	0.43414	0.40335	0.11776	0.70916	0.28416	0.07685	0.07591	0.19088	0.18527	0.14065
578645.014141396.4	578645	4141396	0.55551	0.61026	0.56048	0.13865	1.04777	0.38629	0.08686	0.08622	0.23687	0.229	0.15524
578665.014141396.4	578665	4141396	0.72736	0.89	0.81984	0.16566	1.60088	0.54565	0.09984	0.09932	0.29899	0.28798	0.1726
579005.014141396.4	579005	4141396	41.34368	7.35067	4.25822	38.84734	2.96677	19.67498	16.98474	13.2623	9.34901	9.69346	2.0907
579025.014141396.4	579025	4141396	30.51311	5.45493	3.11466	41.3275	2.42346	18.82499	20.32959	16.26302	7.41775	8.09381	2.15672
579045.014141396.4	579045	4141396	20.28229	3.95289	2.40188	29.67574	1.99904	13.49897	21.16473	18.36318	5.78114	6.47605	2.26314
579065.014141396.4	579065	4141396	13.18739	2.91177	1.93753	18.52052	1.66705	8.72362	19.08758	18.73805	4.49612	5.10147	2.40785

579085.014141396.4	579085	4141396	8.90878	2.22677	1.61534	11.6886	1.40437	5.78988	15.27251	16.99495	3.51982	4.0276	2.58661
579105.014141396.4	579105	4141396	6.379	1.76901	1.37617	7.75634	1.19405	4.05606	11.33921	13.78293	2.78202	3.20301	2.7956
579125.014141396.4	579125	4141396	4.84096	1.45403	1.19056	5.42481	1.02628	2.99207	8.22062	10.36872	2.22841	2.56876	3.04484
579145.014141396.4	579145	4141396	3.84794	1.2262	1.04001	3.95956	0.89097	2.29841	5.97544	7.54239	1.80859	2.07069	3.33419
579165.014141396.4	579165	4141396	3.17008	1.05435	0.91504	2.99687	0.78147	1.82499	4.3949	5.47643	1.49111	1.68151	3.67315
579185.014141396.4	579185	4141396	2.68169	0.92024	0.81038	2.34502	0.69282	1.49107	3.29038	4.03519	1.25321	1.38414	4.08432
579205.014141396.4	579205	4141396	2.31074	0.81231	0.72214	1.89219	0.62051	1.24859	2.52744	3.03777	1.07508	1.16154	4.59405
579225.014141396.4	579225	4141396	2.0147	0.72267	0.64669	1.56749	0.56028	1.06633	2.00397	2.34632	0.9393	0.99551	5.21761
579245.014141396.4	579245	4141396	1.77201	0.6471	0.58191	1.32852	0.50943	0.92577	1.64616	1.87204	0.83379	0.87142	5.98731
579265.014141396.4	579265	4141396	1.56924	0.58262	0.526	1.14656	0.46577	0.81417	1.39549	1.54541	0.74925	0.77663	6.93558
579285.014141396.4	579285	4141396	1.39876	0.52742	0.47779	1.00385	0.42796	0.72364	1.21235	1.31574	0.67967	0.70215	8.14765
579305.014141396.4	579305	4141396	1.25328	0.47951	0.43572	0.88753	0.39458	0.64796	1.06958	1.1454	0.6202	0.64068	9.77189
578385.014141416.4	578385	4141416	0.10104	0.06215	0.0677	0.03806	0.0717	0.05126	0.0352	0.03375	0.04165	0.03812	0.06401
578405.014141416.4	578405	4141416	0.10884	0.0676	0.07379	0.04035	0.07871	0.05529	0.03724	0.03561	0.04437	0.04071	0.06722
578425.014141416.4	578425	4141416	0.11785	0.07408	0.08084	0.04295	0.0873	0.06	0.03947	0.03765	0.04763	0.04392	0.07092
578445.014141416.4	578445	4141416	0.12834	0.08189	0.0891	0.04592	0.09797	0.06559	0.04191	0.03987	0.0516	0.04794	0.07512
578465.014141416.4	578465	4141416	0.14058	0.09138	0.09879	0.04932	0.11138	0.07227	0.04454	0.04229	0.05647	0.05296	0.07972
578485.014141416.4	578485	4141416	0.15523	0.10328	0.11052	0.0533	0.12877	0.08049	0.04744	0.04497	0.06256	0.05932	0.08494
578505.014141416.4	578505	4141416	0.1722	0.11788	0.12436	0.05782	0.15082	0.09038	0.05047	0.04781	0.06992	0.06706	0.09023
578525.014141416.4	578525	4141416	0.19332	0.13712	0.14214	0.06336	0.18074	0.10317	0.05389	0.05107	0.07938	0.07693	0.0965
578545.014141416.4	578545	4141416	0.21962	0.16261	0.16525	0.07009	0.22152	0.11977	0.0577	0.05478	0.09139	0.08927	0.10362
578565.014141416.4	578565	4141416	0.25204	0.19635	0.19539	0.07814	0.2772	0.1413	0.06186	0.05894	0.10631	0.10433	0.11121
578585.014141416.4	578585	4141416	0.29514	0.24459	0.2382	0.0884	0.35959	0.17145	0.06685	0.06403	0.12588	0.12361	0.12059
578605.014141416.4	578605	4141416	0.3528	0.3156	0.29998	0.10128	0.48637	0.21473	0.07282	0.07022	0.15131	0.14821	0.13161
578625.014141416.4	578625	4141416	0.4326	0.426	0.3937	0.11763	0.69382	0.28028	0.08017	0.07793	0.18492	0.18037	0.14471
578645.014141416.4	578645	4141416	0.5461	0.60465	0.54381	0.1384	1.04607	0.38371	0.08936	0.0876	0.22983	0.2232	0.16017
578665.014141416.4	578665	4141416	0.71495	0.90508	0.80282	0.16555	1.66296	0.5541	0.10129	0.10003	0.2916	0.28207	0.17901
579025.014141416.4	579025	4141416	34.02261	5.58025	2.95936	60.81527	2.39235	25.59933	25.76641	20.31372	7.65568	8.60484	2.39583
579045.014141416.4	579045	4141416	20.51998	3.88593	2.32206	34.40486	1.95555	15.06064	25.91199	22.79142	5.81079	6.67659	2.53115
579065.014141416.4	579065	4141416	12.62333	2.81052	1.89618	18.8642	1.61871	8.7446	22.08847	22.71537	4.42457	5.13787	2.71186
579085.014141416.4	579085	4141416	8.41298	2.14688	1.59013	11.43767	1.35823	5.64477	16.62473	19.72911	3.4173	3.99058	2.94132
579105.014141416.4	579105	4141416	6.059	1.71296	1.35434	7.47016	1.15231	3.91582	11.70131	15.1048	2.67584	3.12351	3.20899
579125.014141416.4	579125	4141416	4.65576	1.41552	1.1677	5.17598	0.99023	2.8751	8.14382	10.74698	2.13357	2.46804	3.52886
579145.014141416.4	579145	4141416	3.74282	1.19809	1.01539	3.75834	0.86086	2.20469	5.73057	7.46993	1.73272	1.96863	3.90183
579165.014141416.4	579165	4141416	3.10543	1.03198	0.88989	2.84678	0.75731	1.75351	4.12778	5.25473	1.43806	1.59583	4.3522
579185.014141416.4	579185	4141416	2.63141	0.9003	0.78548	2.23876	0.67353	1.43744	3.07286	3.79897	1.22062	1.32256	4.91135
579205.014141416.4	579205	4141416	2.26209	0.79306	0.69784	1.81919	0.60464	1.20794	2.38379	2.84615	1.05768	1.12362	5.61809
579225.014141416.4	579225	4141416	1.96665	0.70448	0.62401	1.52	0.5472	1.03612	1.93118	2.22443	0.93285	0.97791	6.53538
579245.014141416.4	579245	4141416	1.72371	0.62973	0.56085	1.29597	0.49805	0.90184	1.61964	1.8092	0.83302	0.86713	7.71257
579265.014141416.4	579265	4141416	1.52305	0.56656	0.50695	1.12285	0.4557	0.79455	1.39382	1.52339	0.75113	0.78016	9.25736
579285.014141416.4	579285	4141416	1.35329	0.51193	0.45999	0.98249	0.4182	0.70529	1.21678	1.31183	0.68081	0.70766	11.2853
579305.014141416.4	579305	4141416	1.21206	0.46554	0.41988	0.86857	0.38555	0.63156	1.07456	1.14975	0.62071	0.64664	14.39858
578385.014141436.4	578385	4141436	0.1044	0.06476	0.06998	0.03956	0.07535	0.05333	0.03585	0.03456	0.04414	0.04031	0.06512
578405.014141436.4	578405	4141436	0.11278	0.07064	0.07668	0.04206	0.08279	0.05767	0.03812	0.03664	0.04698	0.04282	0.06858
578425.014141436.4	578425	4141436	0.12235	0.07748	0.08441	0.04484	0.09163	0.06266	0.04061	0.03891	0.05028	0.04583	0.07246
578445.014141436.4	578445	4141436	0.13361	0.0857	0.09357	0.04801	0.10257	0.06859	0.04339	0.04144	0.05426	0.04958	0.07702
578465.014141436.4	578465	4141436	0.1465	0.09542	0.10414	0.05155	0.11585	0.07547	0.04639	0.04416	0.05894	0.05414	0.08185
578485.014141436.4	578485	4141436	0.16164	0.10727	0.11665	0.05558	0.13261	0.08373	0.04968	0.04715	0.06464	0.05986	0.08718
578505.014141436.4	578505	4141436	0.1789	0.12146	0.13105	0.06004	0.15342	0.09342	0.05313	0.05029	0.07138	0.06681	0.09256
578525.014141436.4	578525	4141436	0.2007	0.14043	0.14959	0.06558	0.18226	0.10612	0.05712	0.05394	0.08026	0.07602	0.09935
578545.014141436.4	578545	4141436	0.22668	0.16471	0.17232	0.072	0.22061	0.12203	0.06139	0.0579	0.09121	0.08743	0.10649
578565.014141436.4	578565	4141436	0.25891	0.19734	0.20183	0.07976	0.27412	0.14293	0.06609	0.06233	0.10513	0.10183	0.1145
578585.014141436.4	578585	4141436	0.30135	0.2441	0.24311	0.0897	0.35379	0.17224	0.0716	0.06764	0.12361	0.12057	0.12442
578605.014141436.4	578605	4141436	0.35686	0.31228	0.30158	0.1021	0.47552	0.2139	0.07787	0.07384	0.1476	0.14443	0.13579
578625.014141436.4	578625	4141436	0.43286	0.41893	0.38975	0.11795	0.67706	0.27736	0.08529	0.08135	0.17953	0.17559	0.14935
578645.014141436.4	578645	4141436	0.54106	0.59739	0.5318	0.13841	1.03565	0.38069	0.09429	0.09064	0.22275	0.21726	0.16566
579025.014141436.4	579025	4141436	37.09557	5.6304	2.83897	88.69138	2.32807	34.52344	33.40487	25.94367	7.78761	9.05129	2.68547
579045.014141436.4	579045	4141436	20.0706	3.7651	2.25943	37.19175	1.89017	15.75711	32.10658	29.01783	5.76307	6.81107	2.86751
579065.014141436.4	579065	4141436	11.84432	2.69305	1.85215	18.48012	1.55718	8.52374	25.49222	28.10537	4.30967	5.12227	3.10469
579085.014141436.4	579085	4141436	7.88741	2.0618	1.54944	10.98402	1.3029	5.42526	17.79802	22.97122	3.28862	3.8993	3.40085
579105.014141436.4	579105	4141436	5.75749	1.65449	1.31359	7.05862	1.10486	3.72474	11.76656	16.31165	2.55962	2.99821	3.74756
579125.014141436.4	579125	4141436	4.48111	1.37278	1.12713	4.84759	0.95092	2.72374	7.82274	10.84685	2.04159	2.34063	4.16518
579145.014141436.4	579145	4141436	3.62968	1.16409	0.97673	3.52221	0.82959	2.09288	5.36049	7.19636	1.67012	1.86444	4.66955
579165.014141436.4	579165	4141436	3.01456	1.00183	0.8535	2.68373	0.73229	1.67145	3.83573	4.93122	1.40054	1.52368	5.29158
579185.014141436.4	579185	4141436	2.54831	0.87239	0.75177	2.1304	0.65315	1.37746	2.89531	3.54821	1.20181	1.2815	6.09429
579205.014141436.4	579205	4141436	2.18376	0.76721	0.66711	1.74797	0.58758	1.16348	2.30184	2.69532	1.05084	1.10659	7.16173
579225.014141436.4	579225	4141436	1.89254	0.68046	0.59606	1.47013	0.53222	1.00108	1.90538	2.15263	0.93171	0.97551	8.61636
579245.014141436.4	579245	4141436	1.65553	0.60781	0.53574	1.25803	0.48456	0.87285	1.619	1.78617	0.8339	0.87207	10.6329
579265.014141436.4	579265	4141436	1.45947	0.54606	0.48394	1.08944	0.44282	0.76826	1.39683	1.51955	0.75084	0.78624	13.40722
579285.014141436.4	579285	4141436	1.29694	0.49358	0.43952	0.95302	0.40627	0.68198	1.2178	1.31442	0.67949	0.71317	12.61008
579305.014141436.4	579305	4141436	1.16024	0.44847	0.40088	0.84032	0.3738	0.60956	1.06927	1.1488	0.61723	0.64934	7.62974
579325.014141436.4	579325	4141436	1.04351	0.409	0.36703	0.74516	0.34477	0.54749	0.94327	1.01011	0.56196	0.59229	9.65799
578385.014141456.4	578385	4141456	0.10777	0.06741	0.07209	0.041	0.07929	0.05537	0.03618	0.0351	0.04673	0.04297	0.06643
578405.014141456.4	578405	4141456	0.1166	0.0737	0.07921	0.0437	0.08726	0.06002	0.03857	0.03732	0.0498	0.04554	0.06995
578425.014141456.4	578425	4141456	0.12669	0.08099	0.08749	0.04669	0.09663	0.06535	0.04123	0.03977	0.05329	0.04852	0.0739
578445.014141456.4	578445	4141456	0.13846	0.08965	0.0973	0.05007	0.10799	0.0716	0.0442	0.0425	0.05736	0.05209	0.0785
578465.014141456.4	578465	4141456	0.15203	0.09983	0.10875	0.05383	0.12164	0.07885	0.04748	0.04549	0.06208	0.05635	0.08351
578485.014141456.4	578485	4141456	0.16808	0.1122	0.12247	0.05814	0.13869	0.08752	0.05115	0.04883	0.06777	0.06167	0.08923
578505.014141456.4	578505	4141456	0.18599	0.1265	0.13795	0.06273	0.15901	0.09737	0.055	0.0523	0.0742	0.06792	0.09479
578525.014141456.4	578525	4141456	0.20931	0.14596	0.15835	0.06857	0.18773	0.11051	0.05965	0.0565	0.08291	0.07657	0.10236
578545.014141456.4	578545	4141456	0.23524	0.16907	0.18148	0.07476	0.22336	0.12577	0.06435	0.06075	0.09284	0.08675	0.10939
578565.014141456.4	578565	4141456	0.26898	0.20144	0.21249	0.08262	0.27545	0.1467	0.06991	0.0658	0.1062	0.10051	0.11841
578585.014141456.4	578585	4141456	0.312	0.24683	0.25389	0.09232	0.35202	0.1753	0.07621	0.07158	0.12361	0.11842	0.12893
578605.014141456.4	578605	4141456	0.36676	0.31212	0.31039	0.10418	0.4682	0.21535	0.08318	0.07808	0.146	0.14128	0.14071
578625.014141456.4	578625	4141456	0.44051	0.41438	0.39415	0.11935	0.6616	0.27635	0.09125	0.08577	0.17594	0.17131	0.15479
578645.014141456.4	578645	4141456	0.54444	0.58951	0.52836	0.13918	1.01748	0.37791	0.10079	0.0951	0.21693	0.21168	0.17199
579045.014141456.4	579045	4141456	18.61182	3.56591	2.17131	34.07634	1.80183	14.43284	40.20486	38.19864	5.62631	6.83691	3.29484
579065.014141456.4	579065	4141456	10.80892	2.5508	1.77538	17.45138	1.48177	8.06006	29.07498	35.57278	4.15136	5.02015	3.61567
579085.014141456.4	579085	4141456	7.30715	1.96406	1.47641	10.1535	1.23778	5.05273	18.4277	26.5644	3.13745	3.73302	3.99746
579105.014141456.4	579105	4141456	5.43147	1.58518	1.24656	6.45455	1.05194	3.45301	11.35631	17.1001	2.44293	2.83224	4.46077
579125.014141456.4	579125	4141456	4.26526	1.31769	1.06667	4.4382	0.90893	2.53316	7.26449	10.54644	1.96307	2.20806	5.03266
579145.014141456.4	579145	4141456	3.46166	1.11691	0.92297	3.25638	0.79648	1.96097	4.94587	6.73097	1.62491	1.77788	5.74966
579165.014141456.4	579165	4141456	2.86968	0.95968	0.80561	2.51344	0.70543	1.57867	3.60437	4.57998	1.37839	1.47792	6.66702
579185.014141456.4	579185	4141456	2.42027	0.83464	0.70933	2.02009	0.63064	1.31034	2.79941	3.35141	1.19337	1.26487	7.92052
579205.014141456.4	579205	4141456	2.07004	0.73332	0.62943	1.67105	0.56788	1.11173	2.27534	2.61	1.0484	1.10612	9.68868
579225.014141456.4	579225	4141456	1.79247	0.65019	0.56265	1.41109	0.51447	0.95868	1.90317	2.12667	0.93076	0.98164	12.31824
579245.014141456.4	579245	4141456	1.56586	0.5801	0.50551	1.20694	0.46776	0.83522	1.61616	1.77896	0.83109	0.87787	10.75559
579265.014141456.4	579265	4141456	1.38085	0.52119	0.45687	1.0444	0.42709	0.73487	1.3884	1.51505	0.74629	0.78987	13.77615
578385.014141476.4	578385	4141476	0.11105	0.06992	0.0742	0.04219	0.08303	0.05723	0.03634	0.03546	0.04904	0.04567	0.06755
578405.014141476.4	578405	4141476	0.12043	0.07671	0.08175	0.04512	0.09174	0.06224	0.03882	0.0378	0.05248	0.04854	0.07128
578425.014141476.4	578425	4141476	0.1311	0.08457	0.09053	0.04836	0.10193	0.06798	0.04157	0.04038	0.05633	0.05173	0.07539
578445.014141476.4	578445	4141476	0.14321	0.09365	0.10072	0.05192	0.11386	0.07453	0.0446	0.04321	0.06061	0.05531	0.07982
578465.014141476.4	578465	4141476	0.1575	0.10455	0.11299	0.05599	0.12844	0.08229	0.04805	0.0464	0.06562	0.05957	0.08504
578485.014141476.4	578485	4141476	0.17457	0.11786	0.12794	0.06068	0.14662	0.09163	0.05199	0.05004	0.07159	0.06477	0.09114
578505.014141476.4	578505	4141476	0.19375	0.13322	0.14507	0.06571	0.1681	0.10225	0.05622	0.0539	0.07826	0.07076	0.09729
578525.014141476.4	578525	4141476	0.21859	0.15376	0.16761	0.072	0.19779	0.11619	0.06135	0.05858	0.08711	0.07896	0.10533

578545.014141476.4	578545	4141476	0.2447	0.17648	0.1919	0.0782	0.23188	0.13129	0.06639	0.06312	0.09636	0.08791	0.11238
578565.014141476.4	578565	4141476	0.27948	0.20851	0.22493	0.08618	0.2821	0.15214	0.07255	0.06867	0.10907	0.10051	0.12182
578585.014141476.4	578585	4141476	0.32333	0.25246	0.26799	0.09577	0.35472	0.18004	0.07956	0.07498	0.1254	0.11704	0.13278
578605.014141476.4	578605	4141476	0.37975	0.316	0.3263	0.10753	0.46609	0.21928	0.08755	0.08219	0.14672	0.13885	0.14559
578625.014141476.4	578625	4141476	0.45425	0.41429	0.40963	0.12226	0.65066	0.2782	0.09669	0.0905	0.175	0.16773	0.16067
578645.014141476.4	578645	4141476	0.55761	0.58393	0.53977	0.14146	0.99615	0.3769	0.1074	0.10039	0.21383	0.20688	0.17912
579065.014141476.4	579065	4141476	9.52882	2.37567	1.64797	15.67511	1.39271	7.30608	32.07501	45.99388	3.9492	4.79428	4.28136
579085.014141476.4	579085	4141476	6.66057	1.8488	1.36914	9.04351	1.16805	4.56674	18.18858	30.21039	2.98903	3.51641	4.81493
579105.014141476.4	579105	4141476	5.01709	1.49488	1.1543	5.73799	0.99676	3.12702	10.49346	17.16497	2.34311	2.66195	5.45973
579125.014141476.4	579125	4141476	3.95096	1.24081	0.98682	3.98692	0.86476	2.31371	6.61685	9.82763	1.90359	2.09881	6.27321
579145.014141476.4	579145	4141476	3.20868	1.05107	0.85436	2.97997	0.76084	1.81353	4.61587	6.18221	1.59499	1.72363	7.3546
579165.014141476.4	579165	4141476	2.66377	0.90397	0.74719	2.34257	0.67622	1.47757	3.48475	4.30397	1.36648	1.46147	8.85916
579185.014141476.4	579185	4141476	2.24456	0.78537	0.65787	1.89925	0.60459	1.23241	2.7609	3.233	1.18636	1.26415	10.98698
579205.014141476.4	579205	4141476	1.921	0.6901	0.5843	1.57785	0.54431	1.04835	2.25862	2.56677	1.04214	1.11052	14.29695
579225.014141476.4	579225	4141476	1.66537	0.61207	0.52284	1.3337	0.49278	0.90471	1.8838	2.10531	0.92299	0.98489	11.55431
578385.014141496.4	578385	4141496	0.11437	0.07233	0.07651	0.04308	0.08642	0.0589	0.03665	0.03585	0.05089	0.04809	0.06851
578405.014141496.4	578405	4141496	0.1243	0.0796	0.08445	0.0462	0.09588	0.06425	0.03917	0.03826	0.05475	0.05139	0.07243
578425.014141496.4	578425	4141496	0.13548	0.08795	0.09362	0.04964	0.10686	0.07033	0.04194	0.0409	0.05899	0.05496	0.07664
578445.014141496.4	578445	4141496	0.1483	0.09771	0.10439	0.05348	0.11984	0.07735	0.04503	0.04384	0.06373	0.05893	0.08128
578465.014141496.4	578465	4141496	0.16331	0.10938	0.11733	0.05784	0.13558	0.08564	0.04855	0.04716	0.06918	0.06347	0.08662
578485.014141496.4	578485	4141496	0.18123	0.12364	0.1332	0.06288	0.15515	0.09563	0.05259	0.05096	0.07558	0.06884	0.09288
578505.014141496.4	578505	4141496	0.20144	0.1402	0.15162	0.06834	0.17831	0.10705	0.05699	0.05507	0.08266	0.07483	0.09934
578525.014141496.4	578525	4141496	0.22784	0.16241	0.17626	0.0752	0.21027	0.12213	0.06243	0.06012	0.09196	0.0829	0.10784
578545.014141496.4	578545	4141496	0.25517	0.18655	0.20277	0.0819	0.24605	0.13818	0.06778	0.06504	0.10136	0.09127	0.11543
578565.014141496.4	578565	4141496	0.29075	0.21934	0.23822	0.09019	0.29663	0.1596	0.07426	0.07097	0.11374	0.10272	0.12505
578585.014141496.4	578585	4141496	0.33585	0.26372	0.28475	0.10009	0.3684	0.18789	0.0818	0.07781	0.12952	0.11784	0.13651
578605.014141496.4	578605	4141496	0.39364	0.32621	0.34715	0.11197	0.47568	0.22673	0.09049	0.08565	0.14982	0.1379	0.14994
578625.014141496.4	578625	4141496	0.46983	0.42093	0.43475	0.12656	0.65046	0.28384	0.10056	0.09471	0.17659	0.1649	0.16592
578645.014141496.4	578645	4141496	0.57631	0.58444	0.56993	0.1456	0.97983	0.37935	0.11266	0.10559	0.21379	0.20261	0.18614
579085.014141496.4	579085	4141496	5.85397	1.69519	1.2323	7.80408	1.09708	4.01518	16.82991	32.96512	2.85528	3.2897	5.98221
579105.014141496.4	579105	4141496	4.46455	1.3739	1.04263	5.00226	0.94207	2.77908	9.4694	16.3376	2.26914	2.53084	6.95886
579125.014141496.4	579125	4141496	3.53538	1.14133	0.89328	3.55596	0.82042	2.08962	6.13895	8.93937	1.86486	2.038	8.21821
579145.014141496.4	579145	4141496	2.88371	0.9682	0.77517	2.71347	0.7234	1.6606	4.44012	5.73207	1.57423	1.70417	9.99332
579165.014141496.4	579165	4141496	2.40467	0.83444	0.67972	2.16013	0.64361	1.36462	3.41752	4.12262	1.35256	1.45996	12.71865
579185.014141496.4	579185	4141496	2.03627	0.72688	0.60037	1.76273	0.57574	1.14386	2.71672	3.16036	1.17397	1.26709	14.28498
579205.014141496.4	579205	4141496	1.74916	0.63973	0.53434	1.46696	0.51793	0.97459	2.20874	2.51681	1.02795	1.1102	9.86567
578385.014141516.4	578385	4141516	0.11724	0.07433	0.07858	0.04361	0.08901	0.06022	0.03725	0.03635	0.05214	0.04981	0.06896
578405.014141516.4	578405	4141516	0.12784	0.08213	0.08701	0.04693	0.09929	0.06594	0.03984	0.03885	0.05642	0.05362	0.07321
578425.014141516.4	578425	4141516	0.13983	0.09114	0.09679	0.0506	0.1113	0.07247	0.04269	0.0416	0.06116	0.05777	0.07774
578445.014141516.4	578445	4141516	0.15332	0.10149	0.10807	0.05463	0.12526	0.07989	0.04581	0.0446	0.06635	0.06227	0.08253
578465.014141516.4	578465	4141516	0.16916	0.11394	0.12168	0.05925	0.14227	0.08869	0.04936	0.048	0.07232	0.06735	0.08802
578485.014141516.4	578485	4141516	0.18793	0.12908	0.13832	0.06457	0.16331	0.09925	0.05344	0.05189	0.07923	0.07319	0.09435
578505.014141516.4	578505	4141516	0.20944	0.14699	0.15803	0.07046	0.18866	0.11157	0.05793	0.05616	0.08696	0.07966	0.10114
578525.014141516.4	578525	4141516	0.23781	0.17133	0.1849	0.07796	0.224	0.12805	0.0636	0.06151	0.09704	0.08817	0.11012
578545.014141516.4	578545	4141516	0.26635	0.19725	0.21332	0.08515	0.26274	0.14526	0.06904	0.06664	0.10685	0.0964	0.11802
578565.014141516.4	578565	4141516	0.30437	0.23326	0.25267	0.09429	0.31844	0.16874	0.07588	0.07304	0.11987	0.10763	0.12844
578585.014141516.4	578585	4141516	0.35119	0.28058	0.30366	0.10487	0.39481	0.19885	0.08371	0.0803	0.13569	0.12171	0.14034
578605.014141516.4	578605	4141516	0.41104	0.34616	0.37277	0.11744	0.50681	0.23963	0.09284	0.08872	0.15571	0.14017	0.15442
578625.014141516.4	578625	4141516	0.49038	0.44386	0.47129	0.13278	0.6852	0.29866	0.10365	0.09859	0.18193	0.16523	0.17155
578645.014141516.4	578645	4141516	0.60051	0.60574	0.62204	0.15217	1.00704	0.39357	0.11668	0.1104	0.21772	0.20043	0.19306
579085.014141516.4	579085	4141516	4.88561	1.49624	1.07893	6.50225	1.02805	3.42316	14.77987	33.68186	2.74428	3.11188	7.76296
579105.014141516.4	579105	4141516	3.80512	1.22439	0.91945	4.31764	0.88777	2.43531	8.64317	14.64465	2.21307	2.45897	9.38554
579125.014141516.4	579125	4141516	3.05742	1.02465	0.79279	3.1606	0.77567	1.87034	5.85508	8.10985	1.83304	2.01809	11.60753
579145.014141516.4	579145	4141516	2.51961	0.87371	0.69103	2.44494	0.68419	1.50141	4.29514	5.4034	1.54878	1.70001	14.96244
579165.014141516.4	579165	4141516	2.11858	0.75609	0.60818	1.95691	0.60821	1.2394	3.29283	3.95186	1.32696	1.45535	7.89679
578385.014141536.4	578385	4141536	0.12	0.07631	0.08061	0.04416	0.09146	0.06155	0.03835	0.03721	0.05322	0.051	0.06957
578405.014141536.4	578405	4141536	0.13077	0.08428	0.08918	0.04748	0.10207	0.06737	0.04093	0.0397	0.05765	0.05507	0.07367
578425.014141536.4	578425	4141536	0.14334	0.09378	0.09944	0.05128	0.11489	0.07422	0.04385	0.04251	0.06273	0.0597	0.07837
578445.014141536.4	578445	4141536	0.15795	0.10505	0.11166	0.05559	0.13032	0.08227	0.04714	0.04566	0.06851	0.0649	0.08359
578465.014141536.4	578465	4141536	0.17464	0.11827	0.12604	0.0604	0.14867	0.09157	0.05076	0.04914	0.07496	0.07062	0.08922
578485.014141536.4	578485	4141536	0.19442	0.13437	0.14361	0.06594	0.17142	0.10276	0.05489	0.0531	0.08242	0.07715	0.09565
578505.014141536.4	578505	4141536	0.21725	0.15361	0.16464	0.07216	0.19913	0.11593	0.05947	0.05748	0.09081	0.08438	0.10266
578525.014141536.4	578525	4141536	0.24834	0.18063	0.19442	0.08035	0.2391	0.13414	0.06545	0.06315	0.10201	0.09395	0.11226
578545.014141536.4	578545	4141536	0.27807	0.2083	0.22462	0.08785	0.28127	0.15243	0.07084	0.06831	0.11229	0.10254	0.12017
578565.014141536.4	578565	4141536	0.31943	0.24853	0.26866	0.09789	0.3447	0.17856	0.07798	0.07507	0.12635	0.11437	0.1313
578585.014141536.4	578585	4141536	0.37004	0.30161	0.32643	0.10949	0.43222	0.21221	0.08614	0.08276	0.14308	0.12853	0.14399
578605.014141536.4	578605	4141536	0.4337	0.37506	0.40544	0.12315	0.56023	0.25758	0.09558	0.09163	0.16357	0.14618	0.15877
578625.014141536.4	578625	4141536	0.5184	0.4853	0.52174	0.13988	0.76585	0.32397	0.10694	0.10221	0.19013	0.16976	0.17702
578645.014141536.4	578645	4141536	0.63316	0.66286	0.70193	0.16031	1.12497	0.42739	0.1204	0.11467	0.22496	0.20181	0.1993
578665.014141536.4	578665	4141536	0.79718	0.99233	1.01132	0.18599	1.86562	0.6145	0.1366	0.12955	0.27252	0.24719	0.22737
579105.014141536.4	579105	4141536	3.13092	1.0624	0.79515	3.70154	0.83288	2.10881	7.95125	12.33522	2.15212	2.4257	13.81543
579125.014141536.4	579125	4141536	2.5683	0.90028	0.69143	2.75916	0.72835	1.64422	5.46022	7.2973	1.78415	2.00256	13.24115
579185.014141536.4	579185	4141536	1.57487	0.59316	0.47873	1.422	0.50928	0.93088	2.37659	2.77734	1.10333	1.22855	5.62366
578385.014141556.4	578385	4141556	0.1223	0.07813	0.08244	0.04486	0.09388	0.06288	0.0397	0.03831	0.05432	0.05179	0.07018
578405.014141556.4	578405	4141556	0.13341	0.08645	0.0914	0.04825	0.10509	0.06893	0.04236	0.04085	0.05893	0.0561	0.0743
578425.014141556.4	578425	4141556	0.14627	0.09628	0.10203	0.05209	0.11853	0.07599	0.04533	0.04368	0.06417	0.06097	0.0789
578445.014141556.4	578445	4141556	0.16142	0.10813	0.11489	0.0565	0.13498	0.08439	0.0487	0.0469	0.07022	0.06655	0.08417
578465.014141556.4	578465	4141556	0.17927	0.12246	0.13052	0.06157	0.15523	0.09443	0.05252	0.05053	0.0772	0.07292	0.09011
578485.014141556.4	578485	4141556	0.20002	0.13965	0.14932	0.0673	0.17999	0.10629	0.05676	0.05457	0.08513	0.08009	0.09663
578505.014141556.4	578505	4141556	0.22452	0.16068	0.1724	0.07385	0.21098	0.1206	0.06154	0.05911	0.09425	0.08823	0.10392
578525.014141556.4	578525	4141556	0.25662	0.18927	0.20398	0.08217	0.25425	0.13974	0.06751	0.06475	0.10587	0.09847	0.11334
578545.014141556.4	578545	4141556	0.28963	0.22076	0.23862	0.09036	0.30359	0.16038	0.07324	0.07021	0.11737	0.10844	0.12185
578565.014141556.4	578565	4141556	0.33428	0.26573	0.28838	0.101	0.37679	0.18934	0.08059	0.07716	0.13242	0.12134	0.13328
578585.014141556.4	578585	4141556	0.38979	0.32669	0.35572	0.11353	0.48109	0.22765	0.08907	0.08517	0.15038	0.13654	0.14654
578605.014141556.4	578605	4141556	0.46139	0.41451	0.45249	0.12868	0.64072	0.28148	0.09911	0.09462	0.17252	0.1552	0.1625
578625.014141556.4	578625	4141556	0.55482	0.54817	0.59828	0.14688	0.90225	0.36093	0.11089	0.10567	0.20002	0.17845	0.18155
578645.014141556.4	578645	4141556	0.68195	0.77212	0.83737	0.16922	1.3821	0.49062	0.12492	0.11878	0.23541	0.20886	0.20495
578665.014141556.4	578665	4141556	0.86313	1.20541	1.27488	0.19697	2.41914	0.73524	0.14169	0.13439	0.28244	0.25043	0.23416
578685.014141556.4	578685	4141556	1.14082	2.306	2.20198	0.23253	5.45414	1.35101	0.16213	0.15331	0.34814	0.31073	0.27217
579165.014141556.4	579165	4141556	1.55295	0.59519	0.47009	1.48556	0.52978	0.95893	2.62757	3.13186	1.21196	1.37868	5.1023
579185.014141556.4	579185	4141556	1.35377	0.52702	0.42178	1.23245	0.47329	0.8163	2.07244	2.41275	1.04159	1.17906	5.80522
579205.014141556.4	579205	4141556	1.19101	0.4701	0.38055	1.04051	0.42538	0.70482	1.67657	1.91879	0.90412	1.01893	5.3045
578385.014141576.4	578385	4141576	0.12438	0.08002	0.08449	0.04582	0.09689	0.06436	0.04094	0.03943	0.05566	0.05259	0.07082
578405.014141576.4	578405	4141576	0.13584	0.08876	0.09397	0.0493	0.10881	0.07067	0.04367	0.04202	0.06038	0.057	0.07493
578425.014141576.4	578425	4141576	0.14923	0.0992	0.10535	0.05327	0.1233	0.07812	0.04675	0.04494	0.0658	0.06205	0.07958
578445.014141576.4	578445	4141576	0.16499	0.11179	0.11915	0.05782	0.14109	0.087	0.05022	0.04822	0.07206	0.06785	0.08484
578465.014141576.4	578465	4141576	0.18334	0.12691	0.13579	0.06296	0.16286	0.0975	0.05408	0.05187	0.0792	0.07443	0.09061
578485.014141576.4	578485	4141576	0.20528	0.14559	0.15645	0.06892	0.19036	0.11029	0.05848	0.05603	0.08753	0.08207	0.09723
578505.014141576.4	578505	4141576	0.23194	0.16919	0.18269	0.07592	0.22602	0.12618	0.06354	0.06081	0.09739	0.09104	0.10494
578525.014141576.4	578525	4141576	0.2661	0.2008	0.21808	0.08458	0.27531	0.14711	0.06968	0.06657	0.10966	0.10206	0.11442
578545.014141576.4	578545	4141576	0.30337	0.23793	0.25965	0.09355	0.33563	0.17115	0.07588	0.07242	0.12249	0.11354	0.12366
578565.014141576.4	578565	4141576	0.352	0.28998	0.31823	0.10474	0.42402	0.20413	0.08344	0.07953	0.13857	0.12771	0.13521
578585.014141576.4	578585	4141576	0.41365	0.36311	0.4007	0.11808	0.55558	0.24937	0.09225	0.0878	0.15788	0.14452	0.14879
578605.014141576.4	578605	4141576	0.49401	0.47231	0.52351	0.13425	0.76587	0.31501	0.10265	0.09753	0.18152	0.1648	0.16509
578625.014141576.4	578625	4141576	0.60214	0.64873	0.71862	0.15413	1.13326	0.41836	0.11504	0.1091	0.21103	0.1898	0.18502
578645.014141576.4	578645	4141576	0.75466	0.9679	1.05334	0.1791	1.85533	0.60061	0.13008	0.12311	0.24909	0.22177	0.21012

578665.014141576.4	578665	4141576	0.97542	1.62441	1.65564	0.20993	3.46576	0.96811	0.14781	0.13959	0.298	0.26282	0.24097
578685.014141576.4	578685	4141576	1.32304	3.19924	2.7894	0.24929	7.49636	1.82503	0.16922	0.15944	0.36426	0.31923	0.28069
578705.014141576.4	578705	4141576	1.93441	6.34004	4.8077	0.30151	14.95262	3.42125	0.19572	0.18395	0.45989	0.40311	0.33483
579145.014141576.4	579145	4141576	1.49378	0.58823	0.45481	1.5106	0.54894	0.9672	2.76671	3.33939	1.32077	1.54246	6.45515
579165.014141576.4	579165	4141576	1.30687	0.52107	0.40909	1.24463	0.48751	0.81865	2.15496	2.53732	1.12115	1.29964	5.9495
579185.014141576.4	579185	4141576	1.15352	0.46517	0.3699	1.04561	0.43601	0.70463	1.72667	1.99813	0.96349	1.11026	4.4229
579205.014141576.4	579205	4141576	1.02555	0.41761	0.33603	0.89211	0.39238	0.61369	1.41485	1.61448	0.83659	0.9586	3.50439
579225.014141576.4	579225	4141576	0.91768	0.37699	0.30657	0.77088	0.35509	0.53999	1.18071	1.33228	0.73308	0.8358	2.93532
579245.014141576.4	579245	4141576	0.82559	0.34171	0.28075	0.67322	0.32292	0.47873	1.0003	1.11702	0.64751	0.73432	2.57867
579265.014141576.4	579265	4141576	0.74716	0.31169	0.25812	0.5933	0.29506	0.42846	0.8584	0.95223	0.57614	0.65124	2.42598
578385.014141596.4	578385	4141596	0.12666	0.08232	0.08724	0.04693	0.10096	0.0661	0.04167	0.04025	0.05717	0.05374	0.07136
578405.014141596.4	578405	4141596	0.13894	0.09186	0.09774	0.05063	0.1142	0.07294	0.04453	0.04296	0.06212	0.05832	0.07565
578425.014141596.4	578425	4141596	0.15292	0.10302	0.11008	0.05472	0.12997	0.08085	0.04764	0.04591	0.06765	0.06342	0.08026
578445.014141596.4	578445	4141596	0.16964	0.11675	0.12533	0.05948	0.14973	0.09043	0.0512	0.04929	0.07411	0.06937	0.08556
578465.014141596.4	578465	4141596	0.18925	0.13341	0.14393	0.06487	0.17424	0.10187	0.05517	0.05305	0.08152	0.07616	0.09142
578485.014141596.4	578485	4141596	0.21279	0.15419	0.16727	0.07112	0.20562	0.11592	0.05968	0.05731	0.09018	0.08408	0.09809
578505.014141596.4	578505	4141596	0.24209	0.18124	0.19784	0.07862	0.24771	0.1339	0.06499	0.06231	0.10065	0.09359	0.10605
578525.014141596.4	578525	4141596	0.27875	0.21706	0.2386	0.08759	0.30558	0.15722	0.0712	0.06816	0.11332	0.10502	0.11541
578545.014141596.4	578545	4141596	0.32093	0.26191	0.28976	0.09735	0.38153	0.18574	0.07777	0.07434	0.12724	0.11755	0.12513
578565.014141596.4	578565	4141596	0.37649	0.32653	0.36369	0.10952	0.49666	0.22591	0.08577	0.08186	0.14474	0.13315	0.13721
578585.014141596.4	578585	4141596	0.44709	0.41971	0.46982	0.12388	0.67302	0.2823	0.09496	0.09047	0.16556	0.15156	0.15116
578605.014141596.4	578605	4141596	0.54041	0.56373	0.6305	0.14122	0.96323	0.36713	0.10573	0.10053	0.19094	0.17377	0.16772
578625.014141596.4	578625	4141596	0.66967	0.80411	0.88631	0.16271	1.47632	0.50543	0.11863	0.11255	0.22276	0.20125	0.18807
578645.014141596.4	578645	4141596	0.85732	1.23491	1.30712	0.18979	2.43599	0.74741	0.13423	0.12703	0.26345	0.23586	0.21358
578665.014141596.4	578665	4141596	1.1475	2.04587	2.00837	0.22474	4.26048	1.19236	0.15342	0.14479	0.31716	0.28082	0.24667
578685.014141596.4	578685	4141596	1.62012	3.45626	3.12294	0.26992	7.25021	1.9414	0.17668	0.16628	0.38894	0.34012	0.28968
578705.014141596.4	578705	4141596	2.43346	5.3484	4.69065	0.32868	10.59928	2.92453	0.20458	0.192	0.48758	0.42114	0.34623
578725.014141596.4	578725	4141596	3.95019	7.64169	6.70776	0.41188	13.39071	4.14709	0.24069	0.22517	0.63925	0.54727	0.43108
578745.014141596.4	578745	4141596	6.74887	10.70088	9.34551	0.53396	15.88882	5.71032	0.28774	0.26823	0.89144	0.76394	0.56645
579105.014141596.4	579105	4141596	1.6096	0.64717	0.48039	1.8463	0.64627	1.14369	3.56657	4.41188	1.71931	2.09552	6.92331
579145.014141596.4	579145	4141596	1.23479	0.50724	0.39059	1.21944	0.49863	0.80206	2.11218	2.49425	1.19021	1.41769	4.82814
579165.014141596.4	579165	4141596	1.09525	0.45358	0.35468	1.02328	0.44368	0.68945	1.69603	1.9707	1.01289	1.1955	3.74133
579185.014141596.4	579185	4141596	0.97822	0.40805	0.3234	0.87242	0.39763	0.60047	1.39133	1.5959	0.87248	1.02183	3.04867
579205.014141596.4	579205	4141596	0.87887	0.36905	0.29601	0.75358	0.3586	0.52861	1.16172	1.31861	0.75937	0.88347	2.59285
579225.014141596.4	579225	4141596	0.79377	0.33527	0.27186	0.65805	0.32518	0.46928	0.98444	1.10716	0.6669	0.77114	2.29449
579245.014141596.4	579245	4141596	0.72031	0.30581	0.25048	0.57988	0.29632	0.41962	0.84475	0.94234	0.59032	0.67871	2.11967
579265.014141596.4	579265	4141596	0.65657	0.2803	0.23154	0.51523	0.27128	0.37813	0.73292	0.81252	0.52622	0.6025	2.07216
579285.014141596.4	579285	4141596	0.59959	0.25669	0.2144	0.45994	0.24911	0.34074	0.64041	0.70377	0.47104	0.53589	2.08627
579305.014141596.4	579305	4141596	0.5512	0.23711	0.19934	0.41457	0.22988	0.31057	0.56626	0.61922	0.42542	0.48204	2.30863
579325.014141596.4	579325	4141596	0.50788	0.21946	0.18571	0.37509	0.21275	0.28396	0.50355	0.54825	0.38572	0.43543	2.73928
579345.014141596.4	579345	4141596	0.46971	0.20405	0.17351	0.34115	0.19757	0.26135	0.45084	0.48976	0.35142	0.3961	3.66182
578385.014141616.4	578385	4141616	0.12961	0.08537	0.09111	0.04796	0.10635	0.06821	0.04174	0.04056	0.0586	0.05529	0.07171
578405.014141616.4	578405	4141616	0.14289	0.0959	0.10286	0.05188	0.12121	0.07569	0.04467	0.04335	0.06376	0.06003	0.07613
578425.014141616.4	578425	4141616	0.15834	0.10854	0.11702	0.0563	0.13937	0.08453	0.04792	0.04645	0.06961	0.06541	0.08098
578445.014141616.4	578445	4141616	0.17636	0.12379	0.13421	0.06128	0.16178	0.09503	0.05152	0.04989	0.07627	0.07149	0.0863
578465.014141616.4	578465	4141616	0.19782	0.14268	0.15562	0.067	0.19023	0.10782	0.05558	0.05375	0.08397	0.07852	0.09227
578485.014141616.4	578485	4141616	0.22371	0.16655	0.18284	0.07362	0.22732	0.1237	0.0602	0.05814	0.09298	0.08669	0.09903
578505.014141616.4	578505	4141616	0.25591	0.19794	0.21886	0.08151	0.27784	0.14417	0.06559	0.06325	0.10381	0.09647	0.10697
578525.014141616.4	578525	4141616	0.29791	0.24165	0.26936	0.09132	0.35124	0.17208	0.07215	0.06944	0.11743	0.10866	0.11677
578545.014141616.4	578545	4141616	0.34492	0.29613	0.33204	0.10154	0.4473	0.20598	0.07877	0.07571	0.13176	0.12147	0.12634
578565.014141616.4	578565	4141616	0.40967	0.37857	0.4264	0.11477	0.59954	0.25613	0.08717	0.08361	0.15049	0.13807	0.1388
578585.014141616.4	578585	4141616	0.49337	0.49965	0.5622	0.13039	0.83377	0.328	0.09678	0.09263	0.17282	0.15771	0.15311
578605.014141616.4	578605	4141616	0.60754	0.68812	0.76546	0.14952	1.21139	0.4373	0.10819	0.1033	0.20044	0.18179	0.17031
578625.014141616.4	578625	4141616	0.76983	0.99141	1.07449	0.17333	1.83092	0.60941	0.12187	0.11604	0.23524	0.2118	0.1914
578645.014141616.4	578645	4141616	1.00766	1.48029	1.53995	0.20299	2.82547	0.88119	0.13814	0.13113	0.27918	0.24919	0.21723
578665.014141616.4	578665	4141616	1.37959	2.24858	2.23416	0.24187	4.30284	1.30019	0.1584	0.14982	0.33787	0.29827	0.2512
578685.014141616.4	578685	4141616	1.98135	3.30893	3.2009	0.29391	6.04074	1.87055	0.18383	0.17317	0.41847	0.36427	0.29731
578705.014141616.4	578705	4141616	2.96565	4.54344	4.40835	0.36441	7.43713	2.54105	0.21561	0.2022	0.53217	0.45504	0.36129
578725.014141616.4	578725	4141616	4.55079	5.9013	5.79988	0.46166	8.15189	3.28375	0.25519	0.23818	0.69933	0.58508	0.45255
578745.014141616.4	578745	4141616	7.06894	7.58002	7.45559	0.60545	8.71707	4.19624	0.30705	0.28503	0.97212	0.79312	0.59493
579065.014141616.4	579065	4141616	1.70814	0.70678	0.49229	2.21759	0.77695	1.33351	4.02499	5.64709	2.30356	2.97581	5.08058
579085.014141616.4	579085	4141616	1.47719	0.61773	0.44397	1.73198	0.66417	1.08042	3.04488	3.90752	1.83044	2.31345	5.63907
579105.014141616.4	579105	4141616	1.29413	0.5457	0.40233	1.39822	0.57566	0.89992	2.38787	2.90959	1.49066	1.85143	5.28389
579125.014141616.4	579125	4141616	1.14547	0.48647	0.36625	1.15575	0.50484	0.76526	1.91663	2.27359	1.23815	1.51682	4.03141
579165.014141616.4	579165	4141616	0.91739	0.39323	0.30673	0.83209	0.39894	0.57603	1.30336	1.49756	0.89443	1.07048	2.68402
579185.014141616.4	579185	4141616	0.82847	0.35661	0.28214	0.72065	0.35868	0.50864	1.09951	1.24991	0.77428	0.91867	2.31741
579205.014141616.4	579205	4141616	0.75174	0.3247	0.26024	0.63068	0.32443	0.45254	0.93884	1.05715	0.67686	0.79652	2.05974
579225.014141616.4	579225	4141616	0.68503	0.29686	0.24066	0.55686	0.29502	0.40525	0.81019	0.9051	0.59668	0.69676	1.88903
579245.014141616.4	579245	4141616	0.62671	0.27236	0.22314	0.49556	0.26956	0.36532	0.70588	0.78297	0.53002	0.61469	1.80331
579265.014141616.4	579265	4141616	0.57543	0.25082	0.20741	0.44404	0.24739	0.33131	0.62026	0.68392	0.47395	0.54644	1.80251
579285.014141616.4	579285	4141616	0.52799	0.23046	0.19275	0.39862	0.2274	0.30006	0.54689	0.59808	0.42482	0.48642	1.84139
579305.014141616.4	579305	4141616	0.48846	0.21376	0.18016	0.36172	0.21043	0.27502	0.48805	0.53138	0.38456	0.43822	2.04839
579325.014141616.4	579325	4141616	0.45333	0.1989	0.16875	0.32996	0.19537	0.25319	0.43836	0.47541	0.34995	0.39704	2.43909
579345.014141616.4	579345	4141616	0.42162	0.18579	0.15829	0.30201	0.18182	0.23441	0.39566	0.42842	0.31982	0.36207	3.22103
578385.014141636.4	578385	4141636	0.13409	0.08978	0.09672	0.04894	0.11353	0.07105	0.04146	0.0405	0.05986	0.05706	0.07208
578405.014141636.4	578405	4141636	0.14844	0.10146	0.10991	0.05303	0.13024	0.07923	0.04441	0.04333	0.06516	0.06195	0.07651
578425.014141636.4	578425	4141636	0.16531	0.11567	0.12602	0.05768	0.15103	0.08902	0.04771	0.04649	0.07122	0.06752	0.0814
578445.014141636.4	578445	4141636	0.18543	0.13328	0.14613	0.06302	0.17747	0.10096	0.05145	0.05006	0.07824	0.07393	0.0869
578465.014141636.4	578465	4141636	0.20954	0.15541	0.17155	0.06916	0.21171	0.11568	0.05568	0.05409	0.08637	0.08132	0.09304
578485.014141636.4	578485	4141636	0.23835	0.18344	0.20391	0.07616	0.2566	0.13397	0.06041	0.05858	0.09571	0.08976	0.09983
578505.014141636.4	578505	4141636	0.2745	0.22096	0.24738	0.08452	0.31899	0.15795	0.06594	0.06382	0.10698	0.09986	0.10777
578525.014141636.4	578525	4141636	0.32049	0.27253	0.30707	0.09456	0.40813	0.19021	0.07243	0.06995	0.12063	0.11201	0.1171
578545.014141636.4	578545	4141636	0.37743	0.34274	0.3875	0.10609	0.53421	0.23307	0.07969	0.07679	0.13644	0.12597	0.1274
578565.014141636.4	578565	4141636	0.45363	0.44528	0.50292	0.12033	0.72368	0.29444	0.08843	0.08498	0.15615	0.14319	0.13988
578585.014141636.4	578585	4141636	0.55772	0.59767	0.66947	0.13796	1.00991	0.38378	0.09894	0.09478	0.18079	0.16448	0.15502
578605.014141636.4	578605	4141636	0.70066	0.82263	0.90596	0.15939	1.43423	0.5132	0.11125	0.10622	0.211	0.19028	0.17288
578625.014141636.4	578625	4141636	0.90354	1.15537	1.24116	0.18593	2.0514	0.70144	0.1259	0.11975	0.24884	0.22212	0.19445
578645.014141636.4	578645	4141636	1.20398	1.63856	1.71213	0.22017	2.89955	0.97112	0.14393	0.1363	0.29841	0.26308	0.22197
578665.014141636.4	578665	4141636	1.65413	2.28213	2.33894	0.26476	3.89073	1.32699	0.16611	0.15652	0.36438	0.31641	0.25754
578685.014141636.4	578685	4141636	2.34831	3.05459	3.12522	0.32578	4.7763	1.75656	0.19459	0.1823	0.45757	0.38968	0.30687
578705.014141636.4	578705	4141636	3.40834	3.89331	4.02237	0.41036	5.28375	2.23324	0.23102	0.215	0.59321	0.49229	0.37611
578725.014141636.4	578725	4141636	4.98366	4.77762	4.96114	0.52822	5.42673	2.74799	0.27655	0.25555	0.796	0.63824	0.472
579045.014141636.4	579045	4141636	1.55622	0.67516	0.44292	2.05493	0.7969	1.23356	3.26877	4.83386	2.38409	3.2073	6.24471
579065.014141636.4	579065	4141636	1.34618	0.58633	0.40264	1.5945	0.67313	0.99786	2.46385	3.38796	1.87553	2.45252	5.83041
579085.014141636.4	579085	4141636	1.18211	0.51699	0.36778	1.28583	0.57848	0.83363	1.96249	2.5261	1.51639	1.93944	4.32813
579105.014141636.4	579105	4141636	1.04945	0.46065	0.33726	1.06618	0.50412	0.7116	1.61586	1.97866	1.25237	1.57285	3.41609
579125.014141636.4	579125	4141636	0.93997	0.41342	0.31023	0.90203	0.44424	0.61633	1.35653	1.6049	1.05255	1.30065	2.79989
579165.014141636.4	579165	4141636	0.76996	0.33977	0.26488	0.67457	0.35451	0.47995	0.9919	1.13115	0.77482	0.93425	2.07927
579185.014141636.4	579185	4141636	0.70204	0.31019	0.24557	0.59263	0.32001	0.42811	0.85947	0.96911	0.6754	0.80557	1.84506
579205.014141636.4	579205	4141636	0.64289	0.28436	0.22823	0.52536	0.29064	0.38495	0.75099	0.83891	0.5942	0.70214	1.69304
579225.014141636.4	579225	4141636	0.59083	0.26154	0.21256	0.4692	0.26532	0.34812	0.66092	0.73211	0.52686	0.61725	1.60051
579245.014141636.4	579245	4141636	0.54479	0.24151	0.19839	0.42183	0.24333	0.3167	0.5856	0.64461	0.47038	0.54711	1.57028
579265.014141636.4	579265	4141636	0.5036	0.22336	0.18545	0.38136	0.22402	0.28899	0.52193	0.57038	0.42251	0.48767	1.59113
579285.014141636.4	579285	4141636	0.46614	0.20692	0.1736	0.34585	0.20693	0.26446	0.46673	0.50714	0.38083	0.43687	1.67205
579305.014141636.4	579305	4141636	0.43353	0.19272	0.16296	0.31585	0.19194	0.24373	0.42062	0.45526	0.3458	0.39458	1.86422
579325.014141636.4	579325	4141636	0.40407	0.17989	0.15319	0.28957	0.17856	0.22534	0.38075	0.41066	0.31537	0.35811	2.19596

579345.014141636.4	579345	4141636	0.3776	0.16841	0.14423	0.26667	0.16657	0.20915	0.34645	0.37248	0.289	0.3267	2.79268
578385.014141656.4	578385	4141656	0.14042	0.09579	0.10428	0.04998	0.12262	0.0748	0.04127	0.04037	0.06087	0.05854	0.07247
578405.014141656.4	578405	4141656	0.15619	0.109	0.11937	0.05429	0.14185	0.08392	0.04431	0.04327	0.06637	0.0636	0.07692
578425.014141656.4	578425	4141656	0.17452	0.12502	0.13774	0.05911	0.16578	0.09477	0.04767	0.04647	0.07255	0.06926	0.08173
578445.014141656.4	578445	4141656	0.1968	0.14537	0.16123	0.06474	0.19708	0.10833	0.05154	0.05014	0.07983	0.07588	0.08722
578465.014141656.4	578465	4141656	0.22452	0.17203	0.19213	0.07147	0.23938	0.12576	0.05609	0.05444	0.08857	0.08376	0.09364
578485.014141656.4	578485	4141656	0.25761	0.20601	0.23158	0.07906	0.29513	0.14751	0.06113	0.05918	0.09852	0.09266	0.10059
578505.014141656.4	578505	4141656	0.30073	0.25305	0.28609	0.08844	0.37464	0.17706	0.06724	0.06491	0.11092	0.10363	0.10902
578525.014141656.4	578525	4141656	0.35274	0.31443	0.35642	0.09891	0.48113	0.21478	0.07387	0.0711	0.12485	0.11583	0.11794
578545.014141656.4	578545	4141656	0.42124	0.40044	0.45343	0.11169	0.63277	0.26668	0.08176	0.07844	0.14197	0.13065	0.12853
578565.014141656.4	578565	4141656	0.51352	0.52228	0.58785	0.12745	0.84841	0.33895	0.09122	0.08719	0.16325	0.14882	0.14124
578585.014141656.4	578585	4141656	0.63969	0.69463	0.77307	0.14696	1.15075	0.43967	0.10255	0.09762	0.18978	0.17112	0.15649
578605.014141656.4	578605	4141656	0.81571	0.93714	1.02641	0.17142	1.56534	0.57953	0.11622	0.11013	0.22336	0.19885	0.17509
578625.014141656.4	578625	4141656	1.06746	1.27287	1.36911	0.20297	2.10828	0.77141	0.13315	0.12552	0.2673	0.23436	0.19868
578645.014141656.4	578645	4141656	1.42193	1.70357	1.80582	0.24293	2.73224	1.01603	0.15349	0.14387	0.32403	0.27894	0.22771
578665.014141656.4	578665	4141656	1.93298	2.21664	2.3374	0.29585	3.32383	1.30918	0.17889	0.16664	0.40152	0.33776	0.26563
578685.014141656.4	578685	4141656	2.69188	2.79255	2.9535	0.37072	3.74244	1.64631	0.21268	0.19663	0.51645	0.42141	0.31939
578705.014141656.4	578705	4141656	3.75371	3.36204	3.56448	0.47153	3.87716	1.99425	0.25405	0.23308	0.68148	0.53488	0.38858
578725.014141656.4	578725	4141656	5.29404	3.96759	4.13895	0.62192	3.90188	2.38846	0.30955	0.28147	0.94783	0.70686	0.48647
579005.014141656.4	579005	4141656	1.69705	0.76407	0.43611	2.48064	0.98103	1.44932	4.03809	5.99038	3.0149	4.33793	4.55459
579025.014141656.4	579025	4141656	1.43206	0.64392	0.39544	1.8669	0.79874	1.13064	2.83	4.06457	2.30161	3.18838	6.4592
579045.014141656.4	579045	4141656	1.23296	0.55484	0.36123	1.45675	0.66805	0.91495	2.09918	2.89984	1.81823	2.441	4.65664
579065.014141656.4	579065	4141656	1.08046	0.48691	0.33189	1.17319	0.57034	0.76377	1.6384	2.18643	1.47461	1.93075	3.60888
579085.014141656.4	579085	4141656	0.95888	0.43276	0.30628	0.9721	0.49481	0.65254	1.34051	1.71289	1.22032	1.56457	2.92744
579105.014141656.4	579105	4141656	0.86001	0.38867	0.2836	0.82396	0.43479	0.56756	1.13376	1.39186	1.02724	1.2935	2.45592
579125.014141656.4	579125	4141656	0.77795	0.35165	0.26335	0.71056	0.38608	0.5005	0.97919	1.16276	0.87719	1.08745	2.11668
579145.014141656.4	579145	4141656	0.70851	0.32018	0.2451	0.62091	0.34579	0.44536	0.8565	0.99226	0.75786	0.92628	1.86124
579185.014141656.4	579185	4141656	0.59676	0.26943	0.21358	0.48826	0.28323	0.36051	0.67033	0.75335	0.58208	0.69473	1.52924
579205.014141656.4	579205	4141656	0.55099	0.24864	0.19994	0.43808	0.25857	0.32758	0.59822	0.66556	0.51638	0.61036	1.44135
579225.014141656.4	579225	4141656	0.51034	0.23019	0.18748	0.39552	0.23719	0.29912	0.53645	0.59176	0.4612	0.54041	1.39671
579245.014141656.4	579245	4141656	0.47403	0.21384	0.1761	0.35915	0.21854	0.2747	0.48333	0.52962	0.41446	0.48223	1.40193
579265.014141656.4	579265	4141656	0.44088	0.19852	0.16555	0.32747	0.20199	0.25188	0.43675	0.47402	0.37408	0.4313	1.42833
579285.014141656.4	579285	4141656	0.41111	0.18517	0.15591	0.29958	0.18739	0.23254	0.39595	0.42784	0.33933	0.38881	1.52554
579305.014141656.4	579305	4141656	0.38475	0.17348	0.14706	0.27584	0.17442	0.21591	0.36133	0.38899	0.3098	0.353	1.71342
579325.014141656.4	579325	4141656	0.35995	0.16237	0.13879	0.25403	0.16269	0.20035	0.32956	0.35357	0.28323	0.32106	1.99161
579345.014141656.4	579345	4141656	0.33767	0.15244	0.13116	0.23498	0.15215	0.18665	0.30202	0.32307	0.2602	0.29357	2.47484
578385.014141676.4	578385	4141676	0.14864	0.10343	0.11381	0.05128	0.13386	0.07958	0.04157	0.04051	0.06173	0.05934	0.07281
578405.014141676.4	578405	4141676	0.16585	0.11838	0.13104	0.05579	0.15606	0.08973	0.04473	0.0435	0.06736	0.06445	0.07717
578425.014141676.4	578425	4141676	0.18634	0.13702	0.15261	0.06095	0.18451	0.10216	0.04831	0.04686	0.07384	0.07028	0.08199
578445.014141676.4	578445	4141676	0.21157	0.1611	0.18056	0.06704	0.22232	0.11794	0.05248	0.05076	0.08155	0.07714	0.08756
578465.014141676.4	578465	4141676	0.24334	0.193	0.2176	0.07436	0.2737	0.13847	0.05741	0.05535	0.09087	0.08536	0.09409
578485.014141676.4	578485	4141676	0.2819	0.23406	0.26509	0.08271	0.34134	0.16438	0.06291	0.06047	0.10157	0.09469	0.10118
578505.014141676.4	578505	4141676	0.33295	0.29078	0.33018	0.09313	0.43599	0.19959	0.06965	0.06669	0.11503	0.1063	0.10983
578525.014141676.4	578525	4141676	0.39568	0.36408	0.41303	0.10492	0.55909	0.24427	0.07703	0.07348	0.13032	0.11931	0.11906
578545.014141676.4	578545	4141676	0.47883	0.46386	0.52389	0.11938	0.7257	0.30426	0.08583	0.08155	0.14921	0.13514	0.13001
578565.014141676.4	578565	4141676	0.59037	0.59927	0.67141	0.13724	0.94814	0.38471	0.09634	0.09115	0.17272	0.1545	0.14306
578585.014141676.4	578585	4141676	0.74204	0.78188	0.86644	0.15962	1.23917	0.49216	0.10903	0.10268	0.20246	0.17852	0.15888
578605.014141676.4	578605	4141676	0.94869	1.02183	1.11828	0.18776	1.60176	0.63236	0.12435	0.11652	0.24038	0.20841	0.17811
578625.014141676.4	578625	4141676	1.23662	1.32884	1.43746	0.22445	2.02312	0.81155	0.14346	0.13368	0.29093	0.24712	0.2026
578645.014141676.4	578645	4141676	1.63935	1.69847	1.82289	0.27324	2.44841	1.02916	0.16765	0.15523	0.36043	0.29839	0.23443
578665.014141676.4	578665	4141676	2.19627	2.10513	2.25315	0.33861	2.78133	1.27428	0.1982	0.18222	0.45805	0.36715	0.27565
578685.014141676.4	578685	4141676	2.9475	2.51024	2.68102	0.42658	2.94083	1.53097	0.23634	0.21567	0.5976	0.46039	0.328
578705.014141676.4	578705	4141676	3.96806	2.91406	3.06676	0.55325	2.97676	1.80828	0.28707	0.25969	0.81407	0.59799	0.39844
578985.014141676.4	578985	4141676	1.58257	0.72416	0.39369	2.15919	0.95134	1.30066	3.68319	4.96156	2.62988	3.81661	5.34688
579005.014141676.4	579005	4141676	1.33524	0.60729	0.35585	1.65765	0.7704	1.02573	2.60701	3.50347	2.04968	2.87223	4.99922
579025.014141676.4	579025	4141676	1.14464	0.52126	0.32483	1.31333	0.64252	0.83594	1.92967	2.53309	1.6498	2.2458	3.7947
579045.014141676.4	579045	4141676	0.99785	0.45601	0.29889	1.06479	0.54794	0.69871	1.4766	1.9204	1.3568	1.80422	3.04273
579065.014141676.4	579065	4141676	0.88222	0.40412	0.2766	0.88329	0.47516	0.59605	1.17495	1.50775	1.13573	1.47751	2.52114
579085.014141676.4	579085	4141676	0.7897	0.36271	0.25718	0.74915	0.41767	0.519	0.97434	1.22062	0.96474	1.23249	2.15492
579105.014141676.4	579105	4141676	0.71386	0.32815	0.23992	0.64669	0.37106	0.4579	0.83397	1.01503	0.82974	1.04183	1.87629
579125.014141676.4	579125	4141676	0.65052	0.29912	0.22442	0.56632	0.33259	0.40838	0.73007	0.86545	0.72113	0.89133	1.6623
579145.014141676.4	579145	4141676	0.59677	0.27442	0.2104	0.50183	0.30038	0.36789	0.64904	0.75249	0.6325	0.77131	1.5034
579165.014141676.4	579165	4141676	0.55054	0.25299	0.19768	0.44903	0.2731	0.33422	0.58291	0.66364	0.5594	0.67424	1.39325
579185.014141676.4	579185	4141676	0.51001	0.23416	0.18597	0.40468	0.24961	0.30501	0.52664	0.59139	0.49801	0.59374	1.31137
579205.014141676.4	579205	4141676	0.47407	0.21747	0.17519	0.36689	0.2292	0.27966	0.47785	0.53103	0.44598	0.52661	1.25909
579225.014141676.4	579225	4141676	0.44205	0.20257	0.16526	0.33447	0.21138	0.25744	0.43526	0.4796	0.40167	0.47007	1.24162
579245.014141676.4	579245	4141676	0.41331	0.18919	0.15614	0.30644	0.19574	0.23821	0.39792	0.43519	0.36374	0.42247	1.26606
579265.014141676.4	579265	4141676	0.38719	0.17711	0.14767	0.28183	0.18184	0.22095	0.36471	0.39643	0.3308	0.38151	1.32375
579285.014141676.4	579285	4141676	0.36328	0.16593	0.13975	0.26	0.16936	0.20502	0.33497	0.36164	0.30201	0.34559	1.4141
579305.014141676.4	579305	4141676	0.34082	0.1555	0.13236	0.24027	0.15815	0.19057	0.3078	0.33021	0.2763	0.31412	1.56149
579325.014141676.4	579325	4141676	0.32137	0.14665	0.12565	0.22355	0.14822	0.17847	0.28477	0.30443	0.25453	0.28785	1.83433
579345.014141676.4	579345	4141676	0.30337	0.13868	0.11936	0.20821	0.13919	0.1677	0.26366	0.28177	0.23516	0.26501	2.29303
578385.014141696.4	578385	4141696	0.15857	0.11266	0.12519	0.05304	0.14752	0.08544	0.04255	0.04116	0.0627	0.05956	0.07298
578405.014141696.4	578405	4141696	0.17785	0.13005	0.14535	0.0579	0.17382	0.09707	0.04597	0.04435	0.06864	0.0648	0.07734
578425.014141696.4	578425	4141696	0.20165	0.15245	0.17136	0.06367	0.20851	0.1118	0.04998	0.04807	0.07575	0.071	0.08241
578445.014141696.4	578445	4141696	0.23145	0.1817	0.2053	0.07057	0.25467	0.13073	0.05469	0.05244	0.08429	0.07839	0.08828
578465.014141696.4	578465	4141696	0.26761	0.21886	0.24819	0.07845	0.31414	0.15435	0.05997	0.05731	0.0941	0.08678	0.09466
578485.014141696.4	578485	4141696	0.31266	0.26684	0.30313	0.08767	0.39133	0.18436	0.06599	0.06284	0.10563	0.09652	0.10178
578505.014141696.4	578505	4141696	0.37286	0.33199	0.37695	0.09929	0.49555	0.22464	0.07341	0.06963	0.12031	0.10877	0.11055
578525.014141696.4	578525	4141696	0.44982	0.41639	0.47122	0.11311	0.62888	0.27619	0.08194	0.07742	0.13787	0.12321	0.12047
578565.014141696.4	578565	4141696	0.68078	0.66727	0.74448	0.15035	1.01012	0.4273	0.10369	0.09716	0.18589	0.16157	0.14541
578585.014141696.4	578585	4141696	0.85635	0.84918	0.93828	0.17643	1.26933	0.53615	0.11809	0.11015	0.22029	0.18816	0.16196
578605.014141696.4	578605	4141696	1.09093	1.07459	1.17567	0.20971	1.56476	0.67125	0.13572	0.12596	0.2653	0.22195	0.18231
578625.014141696.4	578625	4141696	1.40419	1.34018	1.45385	0.25276	1.86632	0.83213	0.15751	0.14539	0.32564	0.26562	0.20759
578645.014141696.4	578645	4141696	1.83124	1.64208	1.76871	0.31146	2.13527	1.0198	0.18596	0.17051	0.41205	0.32578	0.24091
578665.014141696.4	578665	4141696	2.38904	1.94987	2.08564	0.38999	2.30803	1.22097	0.22202	0.20207	0.53474	0.4078	0.28278
578685.014141696.4	578685	4141696	3.09966	2.24179	2.36456	0.49727	2.37271	1.42936	0.26848	0.24234	0.71454	0.52429	0.33546
578945.014141696.4	578945	4141696	1.75309	0.8052	0.4135	2.50026	1.06734	1.49734	4.40078	5.44212	3.04112	4.54085	4.25097
578965.014141696.4	578965	4141696	1.47123	0.66319	0.36523	1.88694	0.85161	1.16052	3.30806	4.22652	2.23677	3.22371	5.0304
578985.014141696.4	578985	4141696	1.25047	0.56074	0.32735	1.46886	0.70103	0.92651	2.43433	3.14036	1.74743	2.4394	3.85506
579005.014141696.4	579005	4141696	1.07364	0.48301	0.29702	1.1782	0.59133	0.76159	1.83097	2.31231	1.42068	1.93591	3.08862
579025.014141696.4	579025	4141696	0.93236	0.42256	0.27216	0.96535	0.50834	0.63918	1.41246	1.74795	1.18657	1.58289	2.55537
579045.014141696.4	579045	4141696	0.82089	0.37487	0.25138	0.80404	0.44368	0.54597	1.10847	1.37155	1.0092	1.3213	2.17102
579065.014141696.4	579065	4141696	0.73213	0.33657	0.23369	0.68211	0.39205	0.47496	0.89551	1.10579	0.8697	1.12019	1.88731
579085.014141696.4	579085	4141696	0.66005	0.30471	0.21831	0.58899	0.34989	0.41923	0.7483	0.91094	0.75738	0.96008	1.66742
579105.014141696.4	579105	4141696	0.60049	0.27806	0.20475	0.5162	0.31487	0.37462	0.64381	0.76977	0.66531	0.83097	1.49617
579125.014141696.4	579125	4141696	0.55041	0.25537	0.19257	0.45783	0.28531	0.33748	0.56649	0.66515	0.58873	0.72451	1.3576
579145.014141696.4	579145	4141696	0.50779	0.23593	0.18159	0.41038	0.26013	0.30715	0.50722	0.58553	0.52456	0.63781	1.25783
579165.014141696.4	579165	4141696	0.47095	0.21893	0.17157	0.37099	0.23842	0.28154	0.45965	0.52247	0.47021	0.5656	1.18741
579185.014141696.4	579185	4141696	0.43881	0.20393	0.16236	0.33778	0.21955	0.25916	0.42	0.47118	0.42382	0.50433	1.14308
579205.014141696.4	579205	4141696	0.41007	0.19052	0.15378	0.30904	0.20289	0.2396	0.38555	0.4281	0.38352	0.45222	1.11804
579225.014141696.4	579225	4141696	0.38448	0.17846	0.14584	0.28416	0.18821	0.22235	0.35537	0.39126	0.34867	0.40763	1.1199
579245.014141696.4	579245	4141696	0.36134	0.16744	0.13843	0.26225	0.17512	0.20661	0.32838	0.35872	0.31819	0.36871	1.14388
579265.014141696.4	579265	4141696	0.34043	0.15764	0.13161	0.24309	0.16351	0.19327	0.30445	0.3308	0.29159	0.33583	1.21384
579285.014141696.4	579285	4141696	0.3212	0.14858	0.12519	0.22594	0.15303	0.1809	0.28271	0.30555	0.26804	0.30672	1.31631
579305.014141696.4	579305	4141696	0.30318	0.13985	0.11914	0.21048	0.14351	0.16895	0.2628	0.28159	0.24693	0.28027	1.45048

579325.014141696.4	579325	4141696	0.28712	0.13255	0.11355	0.19667	0.13496	0.15921	0.24504	0.26224	0.22858	0.25832	1.70341
579345.014141696.4	579345	4141696	0.27207	0.12564	0.10832	0.18425	0.1272	0.1502	0.22885	0.24421	0.21205	0.23872	2.10235
578385.014141716.4	578385	4141716	0.17074	0.12403	0.13897	0.0555	0.16453	0.09276	0.04429	0.04251	0.06435	0.05996	0.07318
578405.014141716.4	578405	4141716	0.1931	0.14473	0.16298	0.06095	0.19607	0.10644	0.04812	0.04606	0.07091	0.06558	0.07773
578425.014141716.4	578425	4141716	0.22104	0.17146	0.19394	0.06747	0.2373	0.12385	0.05262	0.05021	0.07881	0.0723	0.083
578445.014141716.4	578445	4141716	0.25547	0.20542	0.23308	0.07508	0.28997	0.14563	0.05777	0.05496	0.08807	0.0801	0.08888
578465.014141716.4	578465	4141716	0.29721	0.24768	0.2814	0.08375	0.35541	0.17236	0.06348	0.0602	0.09866	0.08892	0.09521
578485.014141716.4	578485	4141716	0.35058	0.30215	0.34309	0.09421	0.43881	0.20644	0.07019	0.06635	0.11154	0.09953	0.10255
578505.014141716.4	578505	4141716	0.42219	0.37464	0.42427	0.10759	0.54767	0.25147	0.07856	0.07398	0.12821	0.11309	0.11172
578525.014141716.4	578525	4141716	0.51458	0.467	0.52634	0.12393	0.68298	0.30844	0.08844	0.08296	0.14882	0.12956	0.12244
578605.014141716.4	578605	4141716	1.2255	1.09268	1.19125	0.23674	1.47592	0.69461	0.14968	0.13798	0.30004	0.24237	0.18674
578625.014141716.4	578625	4141716	1.5561	1.3185	1.42401	0.28877	1.6868	0.83937	0.17577	0.16103	0.37621	0.29557	0.21356
578645.014141716.4	578645	4141716	1.97973	1.55591	1.66311	0.35845	1.85044	0.99919	0.2096	0.19062	0.48435	0.36922	0.24744
578665.014141716.4	578665	4141716	2.49662	1.77964	1.87532	0.4502	1.93699	1.16346	0.25261	0.22791	0.63656	0.47189	0.28847
578685.014141716.4	578685	4141716	3.12387	1.98741	2.0382	0.57754	1.97788	1.33777	0.31113	0.27816	0.86441	0.62838	0.34088
578905.014141716.4	578905	4141716	1.95292	0.84846	0.46428	2.89194	1.05263	1.67302	4.11965	4.59261	3.73796	5.58629	3.18918
578925.014141716.4	578925	4141716	1.6184	0.69244	0.39975	2.22909	0.83357	1.31798	3.65015	4.26886	2.60845	3.75711	3.56149
578945.014141716.4	578945	4141716	1.36858	0.58674	0.34923	1.70784	0.6979	1.04628	2.91782	3.56106	1.93675	2.72248	3.36012
578965.014141716.4	578965	4141716	1.17253	0.50561	0.30972	1.33424	0.59646	0.84391	2.23999	2.80749	1.50412	2.06757	2.89866
578985.014141716.4	578985	4141716	1.01187	0.4404	0.27838	1.07349	0.51653	0.69692	1.72563	2.14823	1.21687	1.63839	2.47235
579005.014141716.4	579005	4141716	0.87943	0.38743	0.25307	0.8848	0.45246	0.58763	1.35903	1.6439	1.01808	1.3459	2.12549
579025.014141716.4	579025	4141716	0.77219	0.34513	0.23234	0.7404	0.40053	0.50369	1.08256	1.29064	0.87247	1.13688	1.85732
579045.014141716.4	579045	4141716	0.68602	0.31043	0.21503	0.62774	0.35779	0.43745	0.86927	1.03886	0.76023	0.97717	1.64333
579065.014141716.4	579065	4141716	0.61629	0.28149	0.20033	0.54067	0.32213	0.38509	0.71225	0.85018	0.67015	0.8495	1.47038
579085.014141716.4	579085	4141716	0.55907	0.25746	0.18767	0.4731	0.29207	0.3439	0.59964	0.71034	0.59574	0.74618	1.33514
579105.014141716.4	579105	4141716	0.5115	0.2369	0.17663	0.41958	0.26645	0.3108	0.51794	0.60642	0.53337	0.66091	1.23249
579125.014141716.4	579125	4141716	0.47106	0.21917	0.16675	0.37589	0.24421	0.28278	0.45661	0.52848	0.47982	0.58768	1.14355
579145.014141716.4	579145	4141716	0.43649	0.20374	0.15785	0.33986	0.22484	0.25894	0.40955	0.46845	0.43378	0.52506	1.07611
579165.014141716.4	579165	4141716	0.40662	0.19017	0.1498	0.30983	0.20789	0.23915	0.37247	0.42096	0.39406	0.47256	1.03599
579185.014141716.4	579185	4141716	0.38044	0.17815	0.14239	0.28427	0.19289	0.22169	0.34205	0.3824	0.35938	0.42675	1.01226
579205.014141716.4	579205	4141716	0.35705	0.16733	0.13548	0.26208	0.17947	0.20634	0.31612	0.35012	0.32873	0.387	1.00524
579225.014141716.4	579225	4141716	0.33617	0.15756	0.12905	0.24271	0.16748	0.19272	0.29358	0.32263	0.3017	0.35234	1.01863
579245.014141716.4	579245	4141716	0.31698	0.14815	0.12299	0.22551	0.15663	0.1796	0.27342	0.29695	0.27746	0.32071	1.04149
579265.014141716.4	579265	4141716	0.30021	0.14034	0.1174	0.21032	0.14695	0.1691	0.25553	0.27695	0.25639	0.29464	1.11185
579285.014141716.4	579285	4141716	0.28456	0.13293	0.11214	0.19672	0.13817	0.15924	0.23924	0.25824	0.23734	0.27112	1.21157
579305.014141716.4	579305	4141716	0.2697	0.12561	0.10717	0.1842	0.13014	0.14961	0.22392	0.23987	0.2199	0.24939	1.34041
579325.014141716.4	579325	4141716	0.25645	0.11939	0.10252	0.17328	0.12284	0.14152	0.21069	0.2248	0.20474	0.23095	1.55928
579345.014141716.4	579345	4141716	0.24418	0.11375	0.09816	0.16314	0.11619	0.13424	0.19821	0.21137	0.19101	0.21466	1.90659
578385.014141736.4	578385	4141736	0.18549	0.13771	0.1552	0.05871	0.18475	0.10166	0.04665	0.0445	0.06703	0.06124	0.07345
578405.014141736.4	578405	4141736	0.21199	0.16232	0.18364	0.06496	0.22176	0.11781	0.05099	0.04852	0.07449	0.06754	0.07828
578425.014141736.4	578425	4141736	0.24439	0.19303	0.21896	0.07222	0.2679	0.1377	0.05593	0.05307	0.0832	0.07483	0.08362
578445.014141736.4	578445	4141736	0.28356	0.23068	0.26192	0.08051	0.32398	0.1618	0.06141	0.05812	0.09318	0.08311	0.08938
578465.014141736.4	578465	4141736	0.33247	0.27769	0.31512	0.09034	0.39294	0.19163	0.06774	0.06393	0.10509	0.09287	0.0959
578485.014141736.4	578485	4141736	0.39538	0.33745	0.38202	0.10243	0.47876	0.22932	0.07531	0.07086	0.1199	0.10487	0.10364
578505.014141736.4	578505	4141736	0.48378	0.41975	0.47009	0.11883	0.5901	0.28122	0.08541	0.08032	0.14078	0.12184	0.1143
578625.014141736.4	578625	4141736	1.66876	1.26788	1.35316	0.33055	1.50868	0.83405	0.1986	0.18062	0.44209	0.33944	0.2192
578645.014141736.4	578645	4141736	2.05608	1.4438	1.51834	0.40921	1.60282	0.96621	0.23842	0.21521	0.57167	0.4309	0.25195
578665.014141736.4	578665	4141736	2.51134	1.60547	1.64986	0.51423	1.65455	1.10421	0.29156	0.2611	0.75732	0.56626	0.29258
578865.014141736.4	578865	4141736	2.24123	1.06509	0.53476	2.87123	1.43481	1.79718	3.00656	3.10589	4.63595	6.85042	1.6488
578885.014141736.4	578885	4141736	1.84714	0.80694	0.45761	2.45715	0.99092	1.47507	3.17733	3.41488	3.29585	4.8416	1.96746
578905.014141736.4	578905	4141736	1.52938	0.63706	0.39385	1.99507	0.72954	1.19194	3.0043	3.36536	2.34579	3.32165	2.20209
578925.014141736.4	578925	4141736	1.2891	0.52879	0.34206	1.5794	0.58487	0.96143	2.55399	2.98351	1.73937	2.38712	2.24698
578945.014141736.4	578945	4141736	1.10656	0.45598	0.3007	1.24783	0.49839	0.78302	2.03835	2.47176	1.34689	1.81499	2.13659
578965.014141736.4	578965	4141736	0.95974	0.39989	0.26763	1.00444	0.43782	0.64778	1.60752	1.97342	1.07812	1.42523	1.94865
578985.014141736.4	578985	4141736	0.83723	0.35463	0.24109	0.82861	0.39047	0.54772	1.28866	1.5537	0.89199	1.16151	1.75634
579005.014141736.4	579005	4141736	0.73476	0.31688	0.21949	0.69534	0.35124	0.47023	1.04979	1.23234	0.75971	0.97631	1.57863
579025.014141736.4	579025	4141736	0.65053	0.28557	0.20169	0.58965	0.31801	0.40814	0.85711	0.99681	0.6615	0.8401	1.42471
579045.014141736.4	579045	4141736	0.58197	0.25944	0.18683	0.50573	0.28957	0.35824	0.702	0.81822	0.5854	0.73529	1.29466
579065.014141736.4	579065	4141736	0.52593	0.2377	0.17427	0.44022	0.26509	0.31889	0.58373	0.67993	0.52413	0.65257	1.18962
579085.014141736.4	579085	4141736	0.47953	0.21922	0.1635	0.38879	0.24384	0.28745	0.49575	0.57407	0.47321	0.58472	1.10518
579105.014141736.4	579105	4141736	0.44068	0.20314	0.15415	0.3476	0.22526	0.26154	0.42994	0.49375	0.43001	0.5269	1.0387
579125.014141736.4	579125	4141736	0.40745	0.18915	0.14584	0.31368	0.20877	0.23959	0.37958	0.43263	0.39225	0.47635	0.98282
579145.014141736.4	579145	4141736	0.37893	0.17685	0.13843	0.28549	0.19411	0.22099	0.34064	0.38514	0.3592	0.43243	0.9413
579165.014141736.4	579165	4141736	0.35423	0.16594	0.13174	0.26182	0.18103	0.20501	0.30993	0.34742	0.33013	0.39399	0.91747
579185.014141736.4	579185	4141736	0.33254	0.15623	0.12564	0.24164	0.16929	0.1911	0.28505	0.31689	0.30435	0.36016	0.90886
579205.014141736.4	579205	4141736	0.31313	0.14743	0.11996	0.22405	0.15861	0.17884	0.26417	0.29137	0.28118	0.33023	0.9132
579225.014141736.4	579225	4141736	0.29576	0.13947	0.11466	0.20865	0.14893	0.16792	0.24632	0.26981	0.26041	0.30365	0.93353
579245.014141736.4	579245	4141736	0.28013	0.13214	0.1097	0.19501	0.14011	0.15786	0.23065	0.25105	0.24174	0.27963	0.97104
579265.014141736.4	579265	4141736	0.26579	0.12517	0.10503	0.18284	0.13205	0.14862	0.2167	0.23382	0.22492	0.25797	1.02852
579285.014141736.4	579285	4141736	0.25288	0.11903	0.10066	0.17192	0.12472	0.14061	0.20408	0.21938	0.2097	0.23913	1.12262
579305.014141736.4	579305	4141736	0.24105	0.11354	0.09658	0.16206	0.11803	0.13356	0.19258	0.20691	0.19589	0.22255	1.26697
579325.014141736.4	579325	4141736	0.22994	0.10819	0.0927	0.15305	0.11185	0.12678	0.18198	0.19482	0.18332	0.20719	1.46643
579345.014141736.4	579345	4141736	0.21965	0.10322	0.08906	0.14485	0.10618	0.12052	0.17226	0.18376	0.17193	0.19332	1.78514
578385.014141756.4	578385	4141756	0.20404	0.15414	0.1743	0.06287	0.20786	0.11247	0.04962	0.04716	0.07113	0.06403	0.07409
578405.014141756.4	578405	4141756	0.23451	0.1819	0.20613	0.0698	0.24824	0.13064	0.05434	0.05152	0.07936	0.07092	0.07895
578425.014141756.4	578425	4141756	0.27165	0.21582	0.24475	0.07784	0.29691	0.15263	0.05967	0.05644	0.08896	0.07889	0.08431
578445.014141756.4	578445	4141756	0.31749	0.25739	0.29168	0.08733	0.35545	0.17941	0.0658	0.06207	0.10038	0.08825	0.09034
578465.014141756.4	578465	4141756	0.37422	0.3081	0.34835	0.09862	0.42527	0.21193	0.07288	0.06857	0.11409	0.09934	0.09717
578485.014141756.4	578485	4141756	0.45012	0.37403	0.42119	0.11353	0.51387	0.25423	0.08204	0.07691	0.13257	0.11406	0.10606
578845.014141756.4	578845	4141756	2.08923	0.98642	0.52178	2.30155	1.30027	1.53095	2.31031	2.35396	3.81981	5.37465	1.19636
578865.014141756.4	578865	4141756	1.75949	0.77448	0.4503	2.08119	0.94267	1.3066	2.48549	2.61292	2.92261	4.171	1.37982
578885.014141756.4	578885	4141756	1.46817	0.62224	0.3899	1.76722	0.71498	1.08924	2.46046	2.67164	2.17511	3.04353	1.53095
578905.014141756.4	578905	4141756	1.23628	0.50942	0.33901	1.45232	0.55636	0.89785	2.21675	2.49588	1.63259	2.21438	1.60526
578925.014141756.4	578925	4141756	1.05832	0.42997	0.2969	1.17506	0.45378	0.73937	1.84757	2.1611	1.26293	1.67598	1.59444
578945.014141756.4	578945	4141756	0.91917	0.37288	0.26255	0.9544	0.38724	0.61422	1.48936	1.78965	1.00428	1.31094	1.52926
578965.014141756.4	578965	4141756	0.8046	0.32938	0.23468	0.78938	0.34159	0.51926	1.20902	1.45238	0.81893	1.05264	1.43915
578985.014141756.4	578985	4141756	0.70733	0.29399	0.21189	0.66451	0.3076	0.44565	1.00067	1.17328	0.68658	0.8691	1.3344
579005.014141756.4	579005	4141756	0.62527	0.26472	0.19314	0.56529	0.28034	0.38704	0.83562	0.95865	0.59071	0.73896	1.23246
579025.014141756.4	579025	4141756	0.55721	0.24057	0.17761	0.48424	0.25735	0.33933	0.69563	0.79515	0.51889	0.64331	1.14054
579045.014141756.4	579045	4141756	0.50125	0.2205	0.16463	0.419	0.23748	0.30081	0.57971	0.66532	0.46319	0.57051	1.06157
579065.014141756.4	579065	4141756	0.45501	0.20328	0.15364	0.36743	0.22006	0.26974	0.48877	0.55979	0.41859	0.51249	0.99432
579085.014141756.4	579085	4141756	0.41639	0.18845	0.14422	0.32654	0.20467	0.24447	0.41897	0.47671	0.38172	0.46467	0.93888

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578385.014141176.41	578385	4141176
578405.014141176.41	578405	4141176
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579165.014141176.41	579165	4141176
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579186.274141125.26	579186.3	4141125
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578566.274141145.26	578566.3	4141145
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578990.544142001.46	578990.5	4142001
579010.544142001.46	579010.5	4142001
579030.544142001.46	579030.5	4142001
579050.544142001.46	579050.5	4142001
579070.544142001.46	579070.5	4142001
579090.544142001.46	579090.5	4142001
579110.544142001.46	579110.5	4142001
579130.544142001.46	579130.5	4142001
579150.544142001.46	579150.5	4142001

579170.544142001.46	579170.5	4142001
579190.544142001.46	579190.5	4142001

Cubberley Community Center Master Plan - Mitigation

Construction Modeling Assumptions

AERMOD Sources

PolyAreas		
Offroad Construction Exhaust		
Release Height	5	m
Emissions rate	1	g/s
Init Vert Dimension	1.4	m
SCAQMD LST Guidance, 2008		
Line Volume		
Onroad Hauling Exhaust		
Vehicle Height	13.1	ft
Plume Height	6.8	m
Plume Width	13.22	m
Release Height	3.4	m
Emissions rate	1	g/s
EPA Haul Road Guidance & Caltrans Heigh & Low Clearance Guidance[1]		

[1] USEPA Haul Road Workgroup Final Report Dec 6, 2011, Page 4.

https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf

Meteorology:Moffet Field Airport

Cubberley Community Center Master Plan - Mitigation

Health Risk Assessment Risk Factors

Residential Risk	Abbreviation	UOM	3rd Trimester	0<2	2<16
Daily Breathing Rate	DBR	L/kg-day	361	1090	572
Fraction Of Time At Home [a]	FAH	unitless	1	1	1
Exposure Frequency	EF	days/year	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3
Inhalation Absorption Factor	A	unitless	1	1	1
Conversion Factor	CF_1	m^3/L	0.001	0.001	0.001
Conversion Factor	CF_2	$\mu g/m^3$	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	$mg/kg\text{-}day^{-1}$	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00

Cubberley Community Center Master Plan - Mitigation

Health Risk Assessment Exposure Duration Assumptions for Offroad Equipment

Residential Receptors

OFFROAD

Start Date	*1/1/2030*	*4/2/2030*	*4/2/2032*
End Date	*4/1/2030*	*4/1/2032*	*3/30/2046*

	1/1/2030	*6/1/2035*	*Days*	*90*	*730*	*5110*
Phase	Start Date	End Date	Duration (days)	3rd Tri	0<2	02<16
Demolition - Phase I	1/1/2030	2/26/2030	57	57	0	0
Grading- Phase I	2/27/2030	4/24/2030	57	34	23	0
New Building Construction I- Phase I	4/25/2030	12/31/2030	251	0	251	0
New Building Construction II- Phase I	1/1/2031	6/11/2031	162	0	162	0
Renovation Building Construction I- Phase I	6/12/2031	12/31/2031	203	0	203	0
Renovation Building Construction II- Phase I	1/1/2032	2/5/2032	36	0	36	0
Paving- Phase I	2/6/2032	4/2/2032	57	0	56	0
Architectural Coating- Phase I	4/3/2032	5/31/2032	59	0	0	59
Demolition - Phase II	6/1/2032	7/10/2032	40	0	0	40
Grading- Phase II	7/11/2032	7/23/2032	13	0	0	13
Building Construction I- Phase II	7/24/2032	12/31/2032	161	0	0	161
Building Construction II- Phase II	1/1/2033	10/19/2033	292	0	0	292
Paving- Phase II	10/20/2033	11/9/2033	21	0	0	21
Architectural Coating- Phase II	11/10/2033	11/30/2033	21	0	0	21
Demolition I - Phase III	12/1/2033	12/31/2033	31	0	0	31
Demolition II - Phase III	1/1/2034	1/10/2034	10	0	0	10
Grading- Phase III	1/11/2034	1/23/2034	13	0	0	13
Building Construction I- Phase III	1/24/2034	12/31/2034	342	0	0	342
Building Construction II- Phase III	1/1/2035	4/20/2035	110	0	0	110
Paving- Phase III	4/21/2035	5/11/2035	21	0	0	21
Architectural Coating- Phase III	5/12/2035	6/1/2035	21	0	0	21

Intake Factor for Inhalation, IF (m^3/kg-day)

Phase	Year	Equation	3rd Trimester	0<2	2<16
Demolition - Phase I	2030		0.006564252	0	0
Grading- Phase I	2030	$\frac{DBR \cdot FAH \cdot EF \cdot ED \cdot ASF \cdot A \cdot CF_1}{AT}$	0.003915519	0.009408895	0
New Building Construction I- Phase I	2030		0	0.102679677	0
New Building Construction II- Phase I	2031		0	0.066271345	0
Renovation Building Construction I- Phase I	2031		0	0.083043723	0
Renovation Building Construction II- Phase I	2032		0	0.014726966	0
Paving- Phase I	2032		0	0.022908613	0
Architectural Coating- Phase I	2032		0	0	0.00380408
Demolition - Phase II	2032		0	0	0.002579037
Grading- Phase II	2032		0	0	0.000838187
Building Construction I- Phase II	2032		0	0	0.010380625
Building Construction II- Phase II	2033		0	0	0.018826971
Paving- Phase II	2033		0	0	0.001353995
Architectural Coating- Phase II	2033		0	0	0.001353995
Demolition I - Phase III	2033		0	0	0.001998754
Demolition II - Phase III	2034		0	0	0.000644759
Grading- Phase III	2034		0	0	0.000838187
Building Construction I- Phase III	2034		0	0	0.022050768
Building Construction II- Phase III	2035		0	0	0.007092352
Architectural Coating- Phase III	2035		0	0	0.001353995

Risk Calculation Part 1, R1

Equation	3rd Trimester	0<2	2<16
	7.22068E-06	0	0
	4.30707E-06	1.03498E-05	0
$IF \cdot CPF \cdot CF_2$	0	0.000112948	0
	0	7.28985E-05	0
	0	9.13481E-05	0
	0	1.61997E-05	0
	0	2.51995E-05	0
	0	0	4.184E-06
	0	0	2.837E-06
	0	0	9.22E-07
	0	0	1.142E-05
	0	0	2.071E-05
	0	0	1.489E-06
	0	0	1.489E-06
	0	0	2.199E-06
	0	0	7.092E-07
	0	0	9.22E-07
	0	0	2.426E-05
	0	0	7.802E-06
	0	0	1.489E-06

Cubberley Community Center Master Plan - Mitigation

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition - Phase I	2030	0.72	8	0.011308409
Grading- Phase I	2030	0.51	8	0.00807523
New Building Construction I- Phase I	2030	0.05	8	0.00075125
New Building Construction II- Phase I	2031	0.05	8	0.000750739
Renovation Building Construction I- Phase I	2031	0.01	8	9.11106E-05
Renovation Building Construction II- Phase I	2032	0.01	8	9.11106E-05
Paving- Phase I	2032	0.20	8	0.003129406
Architectural Coating- Phase I	2032	0.008	8	0.000128003

Risk Summary	
Maximum Risk, Uncontrolled	5.159
UTM X	579005.01
UTM Y	4141396.41

AERMOD Column Identifier:			*4*	*5*	*6*	*6*	*7*	*7*	*8*	*9*					
			Demolition - Phase I	Grading- Phase I	New Building Construction I- Phase I	New Building Construction II- Phase I	Renovation Building Construction I- Phase I	Renovation Building Construction II- Phase I	Paving- Phase I	Architectural Coating- Phase I	Child Risk				
Unique Identifier	X (UTM)	Y (UTM)	2030	2030	2030	2031	2031	2032	2032	2032	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.41	578385.01	4141176	0.001151422	0.000552346	5.18889E-05	5.18536E-05	3.36289E-06	3.36289E-06	0.00027085	6.86351E-06	1.0693E-08	2.25444E-08	2.87203E-11	3.32661E-08	0.033266141
578405.014141176.41	578405.01	4141176	0.001282939	0.000626234	5.8868E-05	5.88279E-05	3.67358E-06	3.67358E-06	0.0003105	7.68912E-06	1.19609E-08	2.56384E-08	3.2175E-11	3.76315E-08	0.037631465
578425.014141176.41	578425.01	4141176	0.001441031	0.000716273	6.74172E-05	6.73713E-05	4.03893E-06	4.03893E-06	0.000359318	8.68755E-06	1.34903E-08	2.94282E-08	3.63529E-11	4.29548E-08	0.042954773
578445.014141176.41	578445.01	4141176	0.001644808	0.000827469	7.94973E-05	7.94432E-05	4.56646E-06	4.56646E-06	0.000427884	9.90741E-06	1.54406E-08	3.4608E-08	4.14574E-11	5.00901E-08	0.050090058
578465.014141176.41	578465.01	4141176	0.001864644	0.000956188	9.20958E-05	9.20331E-05	4.95733E-06	4.95733E-06	0.000499829	1.13065E-05	1.75824E-08	4.0136E-08	4.73118E-11	5.77657E-08	0.057765657
578485.014141176.41	578485.01	4141176	0.002132992	0.00111527	0.000107699	0.000107626	5.53497E-06	5.53497E-06	0.000588485	1.3023E-05	2.02052E-08	4.69777E-08	5.44946E-11	6.72374E-08	0.067237421
578505.014141176.41	578505.01	4141176	0.00249848	0.00131489	0.000127322	0.000127235	6.36043E-06	6.36043E-06	0.000699266	1.51645E-05	2.3704E-08	5.557E-08	6.34556E-11	7.93375E-08	0.079337469
578525.014141176.41	578525.01	4141176	0.002895631	0.001553028	0.000151046	0.000150944	7.18498E-06	7.18498E-06	0.000832265	1.77015E-05	2.75974E-08	6.58828E-08	7.40717E-11	9.35543E-08	0.093554278
578545.014141176.41	578545.01	4141176	0.003385172	0.001878218	0.000180833	0.00018071	8.18082E-06	8.18082E-06	0.00099778	2.12011E-05	3.25329E-08	7.90607E-08	8.87157E-11	1.11682E-07	0.111682304
578565.014141176.41	578565.01	4141176	0.003961109	0.002232317	0.00021651	0.000216363	9.32882E-06	9.32882E-06	0.001194557	2.45458E-05	3.82166E-08	9.44364E-08	1.02712E-10	1.32756E-07	0.132755714
578585.014141176.41	578585.01	4141176	0.004667772	0.002669832	0.000261037	0.000260859	1.07146E-05	1.07146E-05	0.001438337	2.95469E-05	4.52036E-08	1.1353E-07	1.23639E-10	1.58857E-07	0.158856905
578605.014141176.41	578605.01	4141176	0.005522688	0.003203201	0.000315818	0.000315603	1.2361E-05	1.2361E-05	0.001736507	3.51368E-05	5.3674E-08	1.36919E-07	1.47029E-10	1.9074E-07	0.190739815
578625.014141176.41	578625.01	4141176	0.006539653	0.003843083	0.000382056	0.000381796	1.42861E-05	1.42861E-05	0.002095294	4.11682E-05	6.37732E-08	1.65096E-07	1.72268E-10	2.29042E-07	0.229041897
578645.014141176.41	578645.01	4141176	0.007777584	0.004553784	0.00046398	0.000463664	1.65912E-05	1.65912E-05	0.002536978	4.9162E-05	7.57729E-08	1.99051E-07	2.05718E-10	2.7503E-07	0.275029981
578665.014141176.41	578665.01	4141176	0.009327175	0.005616484	0.000568163	0.000567777	1.94293E-05	1.94293E-05	0.003094951	5.92371E-05	9.15391E-08	2.43773E-07	2.47877E-10	3.3556E-07	0.335559855
578685.014141176.41	578685.01	4141176	0.01127437	0.0068612	0.000700932	0.000700455	2.29325E-05	2.29325E-05	0.003797503	7.30998E-05	1.1096E-07	2.99404E-07	3.05885E-10	4.1067E-07	0.410670166
578705.014141176.41	578705.01	4141176	0.013614985	0.008350837	0.000861955	0.000861368	2.70708E-05	2.70708E-05	0.004631646	8.84755E-05	1.34277E-07	3.66204E-07	3.70225E-10	5.00851E-07	0.500851273
578725.014141176.41	578725.01	4141176	0.016473977	0.010142327	0.001058715	0.001057994	3.20509E-05	3.20509E-05	0.005618285	0.00010699	1.62637E-07	4.46701E-07	4.47698E-10	6.09786E-07	0.609785917
578745.014141176.41	578745.01	4141176	0.02000842	0.0122905	0.001299077	0.001298193	3.81517E-05	3.81517E-05	0.006768028	0.000129307	1.9741E-07	5.43222E-07	5.41084E-10	7.41173E-07	0.741173422
578765.014141176.41	578765.01	4141176	0.024195358	0.014718964	0.001575447	0.001574375	4.53704E-05	4.53704E-05	0.008007867	0.000154824	2.38102E-07	6.51724E-07	6.47861E-10	8.90475E-07	0.890474611
578785.014141176.41	578785.01	4141176	0.029256323	0.017462765	0.001893046	0.001891758	5.4209E-05	5.4209E-05	0.009318244	0.000184225	2.86464E-07	7.73102E-07	7.70889E-10	1.06034E-06	1.060336824
578805.014141176.41	578805.01	4141176	0.035205338	0.020410386	0.002238471	0.002236948	6.49227E-05	6.49227E-05	0.010593946	0.000216838	3.42115E-07	9.01087E-07	9.07356E-10	1.24411E-06	1.244110064
578825.014141176.41	578825.01	4141176	0.042127102	0.023468152	0.002598575	0.002596807	7.80836E-05	7.80836E-05	0.01173984	0.000252388	4.05265E-07	1.02993E-06	1.05611E-09	1.43625E-06	1.436253397
578845.014141176.41	578845.01	4141176	0.049916447	0.026445166	0.002946622	0.002944617	9.41656E-05	9.41656E-05	0.012629875	0.000289737	4.74332E-07	1.14957E-06	1.2124E-09	1.62511E-06	1.625111554
578865.014141176.41	578865.01	4141176	0.057962153	0.028975863	0.00323508	0.003232878	0.000112787	0.000112787	0.013110207	0.000325603	5.43327E-07	1.24346E-06	1.36248E-09	1.78815E-06	1.788150355
578885.014141176.41	578885.01	4141176	0.066279714	0.031018653	0.003453589	0.003451238	0.000135067	0.000135067	0.013194857	0.000360417	6.12184E-07	1.30973E-06	1.50816E-09	1.92342E-06	1.923422835
578905.014141176.41	578905.01	4141176	0.074357084	0.032381025	0.003576358	0.003573924	0.00016108	0.00016108	0.012883482	0.000392396	6.76376E-07	1.34159E-06	1.64198E-09	2.01961E-06	2.019610072
578925.014141176.41	578925.01	4141176	0.081854898	0.033014043	0.003596567	0.003594119	0.000191261	0.000191261	0.012255441	0.000420989	7.33242E-07	1.33932E-06	1.76163E-09	2.07432E-06	2.074321398
578945.014141176.41	578945.01	4141176	0.088407217	0.03292578	0.003517633	0.003515239	0.000225799	0.000225799	0.011414977	0.000445716	7.80174E-07	1.30627E-06	1.86509E-09	2.08831E-06	2.088312997
578965.014141176.41	578965.01	4141176	0.093261012	0.032067949	0.003342636	0.003340362	0.000262834	0.000262834	0.010430215	0.000464116	8.11527E-07	1.24405E-06	1.94209E-09	2.05752E-06	2.057518393
578985.014141176.41	578985.01	4141176	0.096184801	0.030592604	0.003097233	0.003095125	0.000301225	0.000301225	0.009401736	0.000476107	8.26284E-07	1.1614E-06	1.99227E-09	1.98967E-06	1.989673049
579005.014141176.41	579005.01	4141176	0.096798734	0.028608278	0.002803847	0.002801939	0.000337898	0.000337898	0.008383459	0.000480324	8.2217E-07	1.06463E-06	2.00991E-09	1.88881E-06	1.888813699
579025.014141176.41	579025.01	4141176	0.095333956	0.026371682	0.002498051	0.00249635	0.000370911	0.000370911	0.00744736	0.000477942	8.0196E-07	9.64631E-07	1.99994E-09	1.76859E-06	1.768590919
579045.014141176.41	579045.01	4141176	0.091786508	0.024005155	0.002199323	0.002197827	0.00039587	0.00039587	0.006604173	0.000467968	7.66153E-07	8.66071E-07	1.95821E-09	1.63418E-06	1.634182284
579065.014141176.41	579065.01	4141176	0.086332802	0.021599059	0.001919505	0.001918199	0.000408586	0.000408586	0.005848703	0.00044957	7.1641E-07	7.7151E-07	1.88122E-09	1.4898E-06	1.489800865
579085.014141176.41	579085.01	4141176	0.07932566	0.01921509	0.001663449	0.001662317	0.000406598	0.000406598	0.005168495	0.000422648	6.55546E-07	6.81907E-07	1.76857E-09	1.33922E-06	1.339221371
579105.014141176.41	579105.01	4141176	0.07149911	0.016967108	0.001438434	0.001437455	0.000391186	0.000391186	0.004568901	0.000389642	5.89351E-07	6.00067E-07	1.63045E-09	1.19105E-06	1.191048079
579125.014141176.41	579125.01	4141176	0.063445714	0.014905259	0.001244281	0.001243434	0.000365136	0.000365136	0.00404313	0.000352938	5.22319E-07	5.26604E-07	1.47687E-09	1.0504E-06	1.0503995
579145.014141176.41	579145.01	4141176	0.055623009	0.013049894	0.001078112	0.001077378	0.000332184	0.000332184	0.00358245	0.00031493	4.57843E-07	4.61375E-07	1.31782E-09	9.20535E-07	0.920534978
579165.014141176.41	579165.01	4141176	0.048286905	0.011392776	0.000935374	0.000934738	0.000295747	0.000295747	0.003176003	0.000277397	3.97734E-07	4.03543E-07	1.16077E-09	8.02437E-07	0.802437028
579185.014141176.41	579185.01	4141176	0.041877978	0.009983649	0.000817466	0.000816909	0.000260291	0.000260291	0.002830829	0.000243264	3.45388E-07	3.5454E-07	1.01794E-09	7.00946E-07	0.700945613
579205.014141176.41	579205.01	4141176	0.036199008	0.008751288	0.0007164	0.000715912	0.000226513	0.000226513	0.002526933	0.000212053	2.99074E-07	3.11717E-07	8.87334E-10	6.11678E-07	0.611677989
579225.014141176.41	579225.01	4141176	0.031342951	0.007699328	0.000631321	0.000630891	0.000196194	0.000196194	0.002264344	0.000184709	2.59479E-07	2.75144E-07	7.72913E-10	5.35396E-07	0.535395899
578385.014141196.41	578385.01	4141196	0.001136269	0.00054314	5.09723E-05	5.09377E-05	3.33556E-06	3.33556E-06	0.000266187	6.7675E-06	1.0544E-08	2.21584E-08	2.83185E-11	3.27307E-08	0.032730668
578405.014141196.41	578405.01	4141196	0.001264167	0.000615413	5.77636E-05	5.77243E-05	3.63714E-06	3.63714E-06	0.000305211	7.57392E-06	1.17788E-08	2.5184E-08	3.1693E-11	3.69945E-08	0.036994464
578425.014141196.41	578425.01	4141196	0.001418979	0.000704241	6.61401E-05	6.60951E-05	3.9952E-06	3.9952E-06	0.000353592	8.55442E-06	1.32792E-08	2.89173E-08	3.57959E-11	4.22323E-08	0.042232336

578445.014141196.41	578445.01	4141196	0.001601497	0.000810995	7.77544E-05	7.77015E-05	4.40611E-06	4.40611E-06	0.000420498	9.72053E-06	1.50569E-08	3.39103E-08	4.06754E-11	4.90079E-08	0.049007911
578465.014141196.41	578465.01	4141196	0.001834563	0.000941814	9.0413E-05	9.03515E-05	4.88991E-06	4.88991E-06	0.000493977	1.11375E-05	1.73032E-08	3.95198E-08	4.66048E-11	5.68697E-08	0.056869696
578485.014141196.41	578485.01	4141196	0.002102799	0.001103157	0.000106099	0.000106027	5.57506E-06	5.57506E-06	0.000584792	1.28694E-05	1.9935E-08	4.64663E-08	5.38518E-11	6.64552E-08	0.066455177
578505.014141196.41	578505.01	4141196	0.002427915	0.001301243	0.000125504	0.000125418	6.26386E-06	6.26386E-06	0.000696668	1.49789E-05	2.31357E-08	5.50151E-08	6.26789E-11	7.82135E-08	0.078213522
578525.014141196.41	578525.01	4141196	0.002863515	0.001547941	0.000149837	0.000149735	7.08932E-06	7.08932E-06	0.000836083	1.75863E-05	2.73436E-08	6.56913E-08	7.35896E-11	9.31085E-08	0.093108529
578545.014141196.41	578545.01	4141196	0.003353282	0.001880398	0.000180067	0.000179945	8.06876E-06	8.06876E-06	0.001007888	2.11307E-05	3.2312E-08	7.91836E-08	8.84211E-11	1.11584E-07	0.111583992
578565.014141196.41	578565.01	4141196	0.003950706	0.002256219	0.000217712	0.000217564	9.23771E-06	9.23771E-06	0.001220093	2.50617E-05	3.82445E-08	9.55408E-08	1.0487E-10	1.3389E-07	0.13389011
578585.014141196.41	578585.01	4141196	0.004675122	0.002716265	0.000264305	0.000264125	1.06244E-05	1.06244E-05	0.001480647	2.98502E-05	4.54567E-08	1.15674E-07	1.24908E-10	1.61255E-07	0.161255455
578605.014141196.41	578605.01	4141196	0.005546888	0.003275071	0.000321445	0.000321226	1.22589E-05	1.22589E-05	0.001798	3.56372E-05	5.41582E-08	1.40247E-07	1.49124E-10	1.94554E-07	0.194554096
578625.014141196.41	578625.01	4141196	0.006612479	0.003904939	0.000392603	0.000392336	1.42178E-05	1.42178E-05	0.002191022	4.20681E-05	6.45654E-08	1.70101E-07	1.76033E-10	2.34843E-07	0.234842793
578645.014141196.41	578645.01	4141196	0.007959084	0.004842715	0.000484226	0.000483896	1.66496E-05	1.66496E-05	0.002694356	5.17707E-05	7.83279E-08	2.09776E-07	2.16634E-10	2.8832E-07	0.288320063
578665.014141196.41	578665.01	4141196	0.009655572	0.005957743	0.000601857	0.000601447	1.96535E-05	1.96535E-05	0.003335727	6.31783E-05	9.53802E-08	2.59657E-07	2.64369E-10	3.55301E-07	0.355301073
578685.014141196.41	578685.01	4141196	0.011700584	0.007307437	0.000745894	0.000745386	2.31959E-05	2.31959E-05	0.004110725	7.69437E-05	1.1596E-07	3.20298E-07	3.2197E-10	4.36579E-07	0.436579438
578705.014141196.41	578705.01	4141196	0.014228353	0.008969158	0.000925841	0.000925211	2.74899E-05	2.74899E-05	0.005058027	9.38618E-05	1.41369E-07	3.95263E-07	3.92764E-10	5.37025E-07	0.537024901
578725.014141196.41	578725.01	4141196	0.017358747	0.01099491	0.001149113	0.001148331	3.27169E-05	3.27169E-05	0.006193814	0.000114505	1.72698E-07	4.86896E-07	4.79144E-10	6.60072E-07	0.660072468
578745.014141196.41	578745.01	4141196	0.021245673	0.013431287	0.001423116	0.001422148	3.91302E-05	3.91302E-05	0.007519586	0.000139455	2.11258E-07	5.97119E-07	5.83548E-10	8.0896E-07	0.808960166
578765.014141196.41	578765.01	4141196	0.026049032	0.016290565	0.001751435	0.001750243	4.70386E-05	4.70386E-05	0.009002299	0.000169066	2.58256E-07	7.25926E-07	7.07455E-10	9.8489E-07	0.984890225
578785.014141196.41	578785.01	4141196	0.031750732	0.019445234	0.002120119	0.002118676	5.65341E-05	5.65341E-05	0.010521594	0.000202404	3.13014E-07	8.66383E-07	8.46958E-10	1.18024E-06	1.1802442
578805.014141196.41	578805.01	4141196	0.038580446	0.022870989	0.002526117	0.002524398	6.8282E-05	6.8282E-05	0.012004995	0.000239826	3.77084E-07	1.01592E-06	1.00355E-09	1.394E-06	1.394004178
578825.014141196.41	578825.01	4141196	0.046444426	0.026346648	0.002940267	0.002938266	8.26155E-05	8.26155E-05	0.01328295	0.000279857	4.48837E-07	1.16258E-06	1.17106E-09	1.61259E-06	1.612590045
578845.014141196.41	578845.01	4141196	0.055315307	0.029692216	0.003335642	0.003333372	0.000100287	0.000100287	0.01422728	0.000321686	5.273E-07	1.29636E-06	1.34609E-09	1.82501E-06	1.825010929
578865.014141196.41	578865.01	4141196	0.064822965	0.032610927	0.003670121	0.003667624	0.000121726	0.000121726	0.014706579	0.000363241	6.08523E-07	1.4031E-06	1.51998E-09	2.01314E-06	2.013144493
578885.014141196.41	578885.01	4141196	0.074223306	0.034751348	0.003897052	0.0038944	0.000146667	0.000146667	0.014641456	0.000401326	6.85619E-07	1.46846E-06	1.67934E-09	2.15576E-06	2.155756706
578905.014141196.41	578905.01	4141196	0.083383343	0.036096681	0.004009491	0.004006763	0.000176314	0.000176314	0.014125824	0.0004364	7.57555E-07	1.49347E-06	1.82611E-09	2.25285E-06	2.252849151
578925.014141196.41	578925.01	4141196	0.091834004	0.036581114	0.003999049	0.003996327	0.00021112	0.00021112	0.013267866	0.000467622	8.20661E-07	1.47866E-06	1.95676E-09	2.30128E-06	2.301282632
578945.014141196.41	578945.01	4141196	0.099000142	0.036190757	0.003869075	0.003866442	0.000250883	0.000250883	0.012192008	0.00049381	8.70724E-07	1.42764E-06	2.06634E-09	2.30043E-06	2.300431904
578965.014141196.41	578965.01	4141196	0.104303673	0.034986741	0.003636398	0.003633923	0.000294531	0.000294531	0.011013693	0.000513703	9.03834E-07	1.34695E-06	2.14958E-09	2.25293E-06	2.252933764
578985.014141196.41	578985.01	4141196	0.106945883	0.033009763	0.003319723	0.003317464	0.000338528	0.000338528	0.009796354	0.0005245	9.14397E-07	1.24171E-06	2.19476E-09	2.1583E-06	2.158299689
579005.014141196.41	579005.01	4141196	0.10724793	0.030624501	0.002969242	0.002967222	0.000382253	0.000382253	0.008663791	0.000528622	9.06305E-07	1.12807E-06	2.21201E-09	2.03658E-06	2.036581886
579025.014141196.41	579025.01	4141196	0.105092887	0.028016687	0.002616027	0.002614247	0.00042126	0.00042126	0.007648518	0.000525248	8.79512E-07	1.01406E-06	2.19789E-09	1.89577E-06	1.895769124
579045.014141196.41	579045.01	4141196	0.100207767	0.025238323	0.002272968	0.002271422	0.00044817	0.00044817	0.006729098	0.000511286	8.32271E-07	9.0129E-07	2.13947E-09	1.7357E-06	1.735700855
579065.014141196.41	579065.01	4141196	0.093295616	0.022506392	0.001963138	0.001961802	0.000459727	0.000459727	0.005926281	0.000488035	7.70594E-07	7.96462E-07	2.04218E-09	1.5691E-06	1.569098543
579085.014141196.41	579085.01	4141196	0.08454302	0.019795457	0.00168084	0.001679696	0.000451996	0.000451996	0.005198756	0.000453848	6.95718E-07	6.9679E-07	1.89912E-09	1.39441E-06	1.394407512
579105.014141196.41	579105.01	4141196	0.075081388	0.017286321	0.001437991	0.001437012	0.000428363	0.000428363	0.004565177	0.000413145	6.16592E-07	6.07193E-07	1.7288E-09	1.22551E-06	1.225513658
579125.014141196.41	579125.01	4141196	0.065697557	0.015042054	0.001233831	0.001232992	0.000393428	0.000393428	0.004019534	0.00036947	5.39168E-07	5.28526E-07	1.54604E-09	1.06924E-06	1.069240137
579145.014141196.41	579145.01	4141196	0.056989291	0.013090997	0.00106489	0.001064165	0.000352803	0.000352803	0.003554316	0.000326258	4.67885E-07	4.60852E-07	1.36522E-09	9.30102E-07	0.930102306
579165.014141196.41	579165.01	4141196	0.049014488	0.011371862	0.000921319	0.000920692	0.000309873	0.000309873	0.003146555	0.000284591	4.02897E-07	4.01492E-07	1.19087E-09	8.0558E-07	0.805579821
579185.014141196.41	579185.01	4141196	0.041963582	0.009881739	0.000800074	0.00079953	0.000268181	0.000268181	0.002791148	0.000246281	3.45567E-07	3.50103E-07	1.03056E-09	6.967E-07	0.696699956
579205.014141196.41	579205.01	4141196	0.035976345	0.00862265	0.000699459	0.000698983	0.000230503	0.000230503	0.002487033	0.00021275	2.96912E-07	3.06662E-07	8.90248E-10	6.04464E-07	0.604463801
579225.014141196.41	579225.01	4141196	0.030973618	0.007565521	0.000615875	0.000615456	0.000197757	0.000197757	0.002227042	0.00018409	2.56236E-07	2.70118E-07	7.70321E-10	5.27124E-07	0.527123577
579245.014141196.41	579245.01	4141196	0.026836211	0.006681445	0.000546399	0.000546028	0.000170047	0.000170047	0.002005198	0.000159993	2.22553E-07	2.39489E-07	6.69489E-10	4.62711E-07	0.462711319
578385.014141216.41	578385.01	4141216	0.001123603	0.000534499	5.01309E-05	5.00968E-05	3.31825E-06	3.31825E-06	0.000261556	6.68302E-06	1.04153E-08	2.1794E-08	2.7965E-11	3.22373E-08	0.032237316
578405.014141216.41	578405.01	4141216	0.001248222	0.000605238	5.67419E-05	5.67033E-05	3.61254E-06	3.61254E-06	0.000299922	7.47024E-06	1.16198E-08	2.47529E-08	3.12591E-11	3.6404E-08	0.03640402
578425.014141216.41	578425.01	4141216	0.001396928	0.000691159	6.47954E-05	6.47513E-05	3.95511E-06	3.95511E-06	0.000347051	8.41618E-06	1.30636E-08	2.8363E-08	3.52174E-11	4.14618E-08	0.041461817
578445.014141216.41	578445.01	4141216	0.001574922	0.000796056	7.61467E-05	7.60949E-05	4.35509E-06	4.35509E-06	0.000413207	9.55924E-06	1.48007E-08	3.32678E-08	4.00005E-11	4.81085E-08	0.048108457
578465.014141216.41	578465.01	4141216	0.001804596	0.000926067	8.86325E-05	8.85722E-05	4.92909E-06	4.92909E-06	0.000486873	1.09622E-05	1.7019E-08	3.88513E-08	4.5871E-11	5.59162E-08	0.05591618
578485.014141216.41	578485.01	4141216	0.002067969	0.001086522	0.000104108	0.000104037	5.49853E-06	5.49853E-06	0.000578314	1.26761E-05	1.96119E-08	4.57528E-08	5.3043E-11	6.54177E-08	0.0654177
578505.014141216.41	578505.01	4141216	0.002385848	0.001283396	0.00012328	0.000123196	6.16819E-06	6.16819E-06	0.000691317	1.47587E-05	2.27551E-08	5.42721E-08	6.17577E-11	7.7089E-08	0.077088982
578525.014141216.41	578525.01	4141216	0.002824954	0.001564657	0.000148034	0.000147933	6.99001E-06	6.99001E-06	0.000836396	1.74212E-05	2.71372E-08	6.55265E-08	7.28987E-11	9.27366E-08	0.09273661
578545.014141216.41	578545.01	4141216	0.003318339	0.001879106	0.000178888	0.000178766	7.96307E-06	7.96307E-06	0.001016024	2.10347E-05	3.20541E-08	7.91447E-08	8.80194E-11	1.11287E-07	0.111286869
578565.014141216.41	578565.01	4141216	0.003925036	0.00227027	0.000217757	0.000217609	9.12746E-06	9.12746E-06	0.001240465	2.50873E-05	3.81196E-08	9.61961E-08	1.04977E-10	1.34421E-07	0.134420697
578585.014141216.41	578585.01	4141216	0.004670486	0.002756237	0.000266641	0.00026646	1.05233E-05	1.05233E-05	0.001520453	3.00909E-05	4.55954E-08	1.17514E-07	1.25915E-10	1.63235E-07	0.163235161
578605.014141216.41	578605.01	4141216	0.005572445	0.003351059	0.00032714	0.000326917	1.21706E-05	1.21706E-05	0.001864281	3.618E-05	5.46701E-08	1.43752E-07	1.51395E-10	1.98573E-07	0.198573401
578625.014141216.41	578625.01	4141216	0.006704077	0.004104882	0.000404706	0.000404431	1.41923E-05	1.41923E-05	0.002302179	4.38601E-05	6.6088E-08	1.77218E-07	1.83532E-10	2.43489E-07	0.243489194
578645.014141216.41	578645.01	4141216	0.008147369	0.005075928	0.000505839	0.000505495	1.67152E-05	1.67152E-05	0.002869571	5.37061E-05	8.06919E-08	2.20627E-07	2.24733E-10	3.01544E-07	0.301543971
578665.014141216.41	578665.01	4141216	0.009914195	0.006276795	0.000632305	0.000631875	1.97291E-05	1.97291E-05	0.003573093	6.58267E-05	9.86218E-08	2.74605E-07	2.75451E-10	3.73503E-07	0.373502677
578685.014141216.41	578685.01	4141216	0.012134262	0.007793081	0.000794214	0.000793674	2.343E-05	2.343E-05	0.0044615	8.10769E-05	1.21183E-07	3.43166E-07	3.39265E-10	4.64688E-07	0.464688495
578705.014141216.41	578705.01	4141216	0.01486479	0.009654018	0.000995985	0.000995308	2.78753E-05	2.78753E-05	0.005543335	9.97538E-05	1.48914E-07	4.27655E-07	4.17419E-10	5.76986E-07	0.57698648
578725.014141216.41	578725.01	4141216	0.018289429	0.01195134	0.001250021	0.00124917	3.33374E-05	3.33374E-05	0.006856872	0.000122821	1.83537E-07	5.32318E-07	5.13944E-10	7.16369E-07	0.716369484
578745.014141216.41	578745.01	4141216	0.022612294	0.014754737	0.001567161	0.001566095	4.01306E-05	4.01306E-05	0.00841131	0.000151101	2.26826E-07	6.60158E-07	6.3228E-10	8.87616E-07	0.887616019
578765.014141216.41	578765.01	4141216	0.028038521	0.018082539	0.00195259	0.001951261	4.86166E-05	4.86166E-05	0.010165123	0.000185038	2.8034E-07	8.11319E-07	7.7429E-10	1.09243E-06	1.092433368
578785.014141216.41	578785.01	4141216	0.034639917	0.02181814	0.00239416	0.002392531	5.90497E-05	5.90497E-05	0.011984466	0.000223928	3.44096E-07	9.78993E-07	9.37024E-10	1.32403E-06	1.324025522
578805.014141216.41	578805.01	4141216	0.042437518	0.025779606	0.002869424	0.002867471	7.17852E-05	7.17852E-05	0.01369744	0.000266625	4.17462E-07	1.15283E-06	1.11569E-09	1.57141E-06	1.571408797
578825.014141216.41	578825.01	4141216	0.051529817	0.02980107	0.003354716	0.003352433	8.75883E-05	8.75883E-05	0.015145322	0.00031246	5.00436E-07	1.3228E-06	1.30748E-09	1.82455E-06	1.824546346
578845.014141216.41	578845.01	4141216	0.061736787	0.033585688	0.003807127	0.003804536	0.000107134	0.000107134	0.016136405	0.000359642	5.90437E-07	1.47311E-06	1.50492E-09	2.06505E-06	2.065048801
578925.014141216.41	578925.01	4141216	0.103443103	0.040612026	0.004454585	0.004451553	0.000233624	0.000233624	0.014331332	0.000520875	9.21848E-07	1.63424E-06	2.1796E-09	2.55827E-06	2.558267554
578945.014141216.41	578945.01	4141216	0.111205195	0.039796751	0.004254985	0.004252089	0.00027939	0.00027939	0.012966254	0.000548136	9.74384E-07	1.55924E-06	2.29367E-09	2.53592E-06	2.535917639
578965.014141216.41	578965.01	4141216	0.117193902	0.038212068	0.003954868	0.003952176	0.000331929	0.000331929	0.011587751	0.000570691	1.0108E-06	1.45799E-06	2.38805E-09	2.47118E-06	2.471180261
578985.014141216.41	578985.01	4141216	0.120005059	0.035789176	0.003567298	0.00356487	0.000385568	0.000385568	0.010214724	0.000583058	1.02066E-06	1.33207E-06	2.4398E-09	2.35518E-06	2.355178578

579005.014141216.41	579005.01	4141216	0.119661057	0.032872565	0.003144682	0.003142542	0.000437462	0.000437462	0.008946877	0.000586122	1.00562E-06	1.197E-06	2.45262E-09	2.20507E-06	2.205070536
579025.014141216.41	579025.01	4141216	0.116021333	0.029681153	0.002723245	0.002721392	0.000481193	0.000481193	0.007810715	0.000578483	9.65591E-07	1.06174E-06	2.42065E-09	2.02975E-06	2.029752224
579045.014141216.41	579045.01	4141216	0.109465057	0.02645098	0.002333842	0.002332254	0.000510215	0.000510215	0.006821259	0.000559793	9.04338E-07	9.34146E-07	2.34245E-09	1.84083E-06	1.840826873
579065.014141216.41	579065.01	4141216	0.100593384	0.023326755	0.001990431	0.001989076	0.000518742	0.000518742	0.005966713	0.000529678	8.26822E-07	8.1739E-07	2.21643E-09	1.64643E-06	1.6464283
579085.014141216.41	579085.01	4141216	0.089891106	0.020308153	0.001686925	0.001685777	0.000503505	0.000503505	0.005206862	0.00048736	7.36543E-07	7.08971E-07	2.03935E-09	1.44755E-06	1.447553525
579105.014141216.41	579105.01	4141216	0.078620241	0.017550381	0.00143002	0.001429047	0.000469275	0.000469275	0.004548842	0.000437823	6.43282E-07	6.12433E-07	1.83207E-09	1.25755E-06	1.257547571
579125.014141216.41	579125.01	4141216	0.067897269	0.015154138	0.001220286	0.001219456	0.000423833	0.000423833	0.003993748	0.00038671	5.55534E-07	5.2979E-07	1.61818E-09	1.08694E-06	1.086942006
579145.014141216.41	579145.01	4141216	0.058071619	0.013073474	0.001046575	0.001045862	0.000373153	0.000373153	0.003517202	0.000336683	4.75625E-07	4.58521E-07	1.40885E-09	9.35555E-07	0.935554555
579165.014141216.41	579165.01	4141216	0.049256149	0.011260181	0.000900148	0.000899536	0.000321725	0.000321725	0.003100615	0.000289509	4.04161E-07	3.9652E-07	1.21145E-09	8.01892E-07	0.801892176
579185.014141216.41	579185.01	4141216	0.041775976	0.00973687	0.000779956	0.000779425	0.000274443	0.000274443	0.002746085	0.000247939	3.43588E-07	3.44403E-07	1.0375E-09	6.89029E-07	0.689028861
579205.014141216.41	579205.01	4141216	0.035600228	0.008474873	0.000681722	0.000681258	0.000233384	0.000233384	0.002446507	0.000212633	2.9356E-07	3.01125E-07	8.8976E-10	5.95575E-07	0.595574678
579225.014141216.41	579225.01	4141216	0.030560635	0.007432765	0.000601196	0.000600787	0.000198875	0.000198875	0.002193275	0.000183227	2.52682E-07	2.65286E-07	7.66711E-10	5.18734E-07	0.518734201
579245.014141216.41	579245.01	4141216	0.026332647	0.006545943	0.000532937	0.000532574	0.000169423	0.000169423	0.001972183	0.0001582	2.18333E-07	2.34686E-07	6.61985E-10	4.53681E-07	0.453681351
578385.014141236.41	578385.01	4141236	0.001110146	0.000524648	4.92144E-05	4.91809E-05	3.30003E-06	3.30003E-06	0.000256017	6.5883E-06	1.02757E-08	2.13803E-08	2.75687E-11	3.16835E-08	0.031683527
578405.014141236.41	578405.01	4141236	0.001245169	0.000595629	5.69598E-05	5.6921E-05	3.6672E-06	3.6672E-06	0.00030036	7.37936E-06	1.15564E-08	2.47109E-08	3.08788E-11	3.62981E-08	0.036298146
578425.014141236.41	578425.01	4141236	0.001389464	0.000678885	6.4863E-05	6.48188E-05	3.92778E-06	3.92778E-06	0.000347239	8.29458E-06	1.29569E-08	2.82503E-08	3.47086E-11	4.12419E-08	0.041241867
578445.014141236.41	578445.01	4141236	0.001563727	0.000781601	7.46217E-05	7.45709E-05	4.31773E-06	4.31773E-06	0.000405602	9.41204E-06	1.46576E-08	3.26392E-08	3.93846E-11	4.73362E-08	0.047336151
578465.014141236.41	578465.01	4141236	0.001774515	0.000908706	8.67394E-05	8.66803E-05	4.87169E-06	4.87169E-06	0.000478392	1.07791E-05	1.67271E-08	3.81E-08	4.51051E-11	5.48721E-08	0.054872122
578485.014141236.41	578485.01	4141236	0.002031329	0.001066899	0.000101885	0.000101815	5.42564E-06	5.42564E-06	0.000569646	1.24611E-05	1.92628E-08	4.49103E-08	5.21432E-11	6.42252E-08	0.064225196
578505.014141236.41	578505.01	4141236	0.002387544	0.001271364	0.00012147	0.000121387	6.1035E-06	6.1035E-06	0.000687499	1.46154E-05	2.27155E-08	5.3708E-08	6.11578E-11	7.64847E-08	0.076484725
578525.014141236.41	578525.01	4141236	0.002789671	0.001553916	0.000146193	0.000146094	6.90983E-06	6.90983E-06	0.000835958	1.76029E-05	2.68361E-08	6.50538E-08	7.36593E-11	9.19636E-08	0.09196356
578545.014141236.41	578545.01	4141236	0.003272993	0.001869173	0.000176777	0.000176656	7.84827E-06	7.84827E-06	0.001018841	2.08644E-05	3.16839E-08	7.87084E-08	8.7307E-11	1.1048E-07	0.110479551
578565.014141236.41	578565.01	4141236	0.003883308	0.002272773	0.000216473	0.000216326	9.00082E-06	9.00082E-06	0.001254235	2.50053E-05	3.78291E-08	9.63167E-08	1.04635E-10	1.3425E-07	0.13425042
578585.014141236.41	578585.01	4141236	0.004651262	0.002787085	0.000267791	0.000267608	1.04103E-05	1.04103E-05	0.001555941	3.0247E-05	4.55894E-08	1.18929E-07	1.26568E-10	1.64645E-07	0.164644799
578605.014141236.41	578605.01	4141236	0.005584545	0.003421313	0.000331827	0.000331602	1.20722E-05	1.20722E-05	0.001929498	3.66651E-05	5.506E-08	1.46983E-07	1.53425E-10	2.02196E-07	0.202196335
578625.014141236.41	578625.01	4141236	0.006758584	0.004228836	0.00041445	0.000414168	1.41076E-05	1.41076E-05	0.002407671	4.4792E-05	6.70154E-08	1.8296E-07	1.87432E-10	2.50163E-07	0.25016304
578645.014141236.41	578645.01	4141236	0.008262941	0.005276032	0.000523036	0.00052268	1.66514E-05	1.66514E-05	0.003031643	5.52729E-05	8.23883E-08	2.29971E-07	2.31289E-10	3.1259E-07	0.31259018
578665.014141236.41	578665.01	4141236	0.010152011	0.006606345	0.000662813	0.000662362	1.97583E-05	1.97583E-05	0.003827545	6.85199E-05	1.01758E-07	2.901E-07	2.86721E-10	3.92145E-07	0.39214483
578685.014141236.41	578685.01	4141236	0.01254634	0.008304728	0.000844015	0.00084344	2.35904E-05	2.35904E-05	0.004844414	8.53586E-05	1.26362E-07	3.67381E-07	3.57182E-10	4.941E-07	0.494100245
578705.014141236.41	578705.01	4141236	0.015541938	0.010427786	0.001074536	0.001073805	2.82552E-05	2.82552E-05	0.006106628	0.000106352	1.57137E-07	4.64493E-07	4.4503E-10	6.22075E-07	0.622074573
578725.014141236.41	578725.01	4141236	0.019326523	0.013069113	0.001367674	0.001366743	3.40025E-05	3.40025E-05	0.007650239	0.000132471	1.9584E-07	5.8581E-07	5.54325E-10	7.82205E-07	0.782204969
578745.014141236.41	578745.01	4141236	0.024103082	0.016287819	0.001733916	0.001732736	4.11173E-05	4.11173E-05	0.009471021	0.000164432	2.44193E-07	7.33818E-07	6.88065E-10	9.78699E-07	0.978699248
578765.014141236.41	578765.01	4141236	0.030183047	0.020145356	0.002184681	0.002183195	5.00981E-05	5.00981E-05	0.011540278	0.000203144	3.0471E-07	9.10603E-07	8.50054E-10	1.21616E-06	1.216162746
578785.014141236.41	578785.01	4141236	0.037871974	0.024610313	0.002719038	0.002717188	6.15635E-05	6.15635E-05	0.013743693	0.000248877	3.7946E-07	1.11285E-06	1.04142E-09	1.49336E-06	1.493355204
578805.014141236.41	578805.01	4141236	0.046932949	0.029280864	0.003287119	0.003284882	7.55271E-05	7.55271E-05	0.015763161	0.000298479	4.65002E-07	1.31913E-06	1.24898E-09	1.78538E-06	1.785383421
578825.014141236.41	578825.01	4141236	0.057570543	0.03398622	0.003862787	0.003860158	9.30549E-05	9.30549E-05	0.017414861	0.000351506	5.62079E-07	1.5183E-06	1.47087E-09	2.08185E-06	2.081845868
578945.014141236.41	578945.01	4141236	0.125884866	0.043935145	0.00469234	0.004689147	0.000313832	0.000313832	0.013765285	0.000612421	1.09821E-06	1.70717E-06	2.56267E-09	2.80794E-06	2.807938159
578965.014141236.41	578965.01	4141236	0.13192774	0.041654458	0.004286312	0.004283395	0.000374671	0.000374671	0.012100442	0.000634406	1.13202E-06	1.57272E-06	2.65466E-09	2.70739E-06	2.707387273
578985.014141236.41	578985.01	4141236	0.135148375	0.038762718	0.003819695	0.003817096	0.000441705	0.000441705	0.010588876	0.00065009	1.14282E-06	1.42521E-06	2.72029E-09	2.57075E-06	2.570747272
579005.014141236.41	579005.01	4141236	0.133824613	0.035192013	0.003310453	0.0033082	0.000503622	0.000503622	0.009177921	0.000651414	1.11788E-06	1.26474E-06	2.72583E-09	2.38535E-06	2.385347238
579025.014141236.41	579025.01	4141236	0.128550258	0.031411433	0.002821111	0.002819191	0.000554706	0.000554706	0.007945217	0.000640263	1.06351E-06	1.10913E-06	2.67917E-09	2.17532E-06	2.175317168
579045.014141236.41	579045.01	4141236	0.119696566	0.027638847	0.002379766	0.002378147	0.000584936	0.000584936	0.006882158	0.000614855	9.83333E-07	9.64544E-07	2.57285E-09	1.95045E-06	1.950449247
579065.014141236.41	579065.01	4141236	0.108158031	0.024035195	0.001998597	0.001997237	0.000587236	0.000587236	0.005969748	0.000574849	8.84496E-07	8.33682E-07	2.40545E-09	1.72058E-06	1.720582821
579085.014141236.41	579085.01	4141236	0.095348205	0.020754148	0.001682147	0.001681003	0.000562151	0.000562151	0.005197348	0.000523619	7.77868E-07	7.18767E-07	2.19108E-09	1.49883E-06	1.498825881
579105.014141236.41	579105.01	4141236	0.082118497	0.017770431	0.001416092	0.001415128	0.000514322	0.000514322	0.004525496	0.000463961	6.6949E-07	6.16379E-07	1.94144E-09	1.28781E-06	1.287810563
579125.014141236.41	579125.01	4141236	0.069675064	0.01517263	0.001198267	0.001197452	0.000454409	0.000454409	0.003952283	0.000402793	5.68451E-07	5.28133E-07	1.68548E-09	1.09827E-06	1.098269617
579145.014141236.41	579145.01	4141236	0.058573034	0.012950811	0.001020093	0.001019399	0.00039119	0.00039119	0.003462719	0.00034459	4.78717E-07	4.52898E-07	1.44193E-09	9.33057E-07	0.933057076
579165.014141236.41	579165.01	4141236	0.049182418	0.011102714	0.000876266	0.00087567	0.000331842	0.000331842	0.003050451	0.000292952	4.02951E-07	3.90277E-07	1.22585E-09	7.94453E-07	0.794452925
579185.014141236.41	579185.01	4141236	0.041373622	0.009565917	0.000758786	0.000758269	0.00027918	0.00027918	0.002700083	0.00024848	3.39947E-07	3.38051E-07	1.03976E-09	6.79037E-07	0.679037182
579205.014141236.41	579205.01	4141236	0.035038991	0.008304728	0.000663241	0.00066279	0.000234763	0.000234763	0.002404604	0.000211468	2.88774E-07	2.95023E-07	8.84886E-10	5.84682E-07	0.58468227
579225.014141236.41	579225.01	4141236	0.029966039	0.007275459	0.00058554	0.000585141	0.000198452	0.000198452	0.00215638	0.000181274	2.47711E-07	2.59773E-07	7.58537E-10	5.08243E-07	0.508242879
579245.014141236.41	579245.01	4141236	0.025719166	0.006398166	0.000519354	0.000519001	0.000167713	0.000167713	0.00193801	0.000155695	2.13267E-07	2.29588E-07	6.51503E-10	4.43507E-07	0.443506509
578385.014141256.41	578385.01	4141256	0.001101665	0.000516734	4.85233E-05	4.84902E-05	3.29638E-06	3.29638E-06	0.000251135	6.52046E-06	1.01804E-08	2.10465E-08	2.72848E-11	3.12542E-08	0.031254186
578405.014141256.41	578405.01	4141256	0.00123126	0.000585131	5.60057E-05	5.59676E-05	3.6508E-06	3.6508E-06	0.000294133	7.28336E-06	1.14107E-08	2.42663E-08	3.04771E-11	3.57075E-08	0.035707484
578425.014141256.41	578425.01	4141256	0.001375555	0.000668548	6.38187E-05	6.37753E-05	3.98973E-06	3.98973E-06	0.000340917	8.20242E-06	1.28119E-08	2.77967E-08	3.43229E-11	4.06429E-08	0.0406429
578445.014141256.41	578445.01	4141256	0.001543937	0.000768116	7.32244E-05	7.31745E-05	4.37513E-06	4.37513E-06	0.000397841	9.28276E-06	1.44566E-08	3.20506E-08	3.88436E-11	4.6546E-08	0.046546041
578465.014141256.41	578465.01	4141256	0.001747149	0.000891344	8.48913E-05	8.48335E-05	4.82704E-06	4.82704E-06	0.000469129	1.0605E-05	1.64547E-08	3.73387E-08	4.43766E-11	5.38377E-08	0.05383773
578485.014141256.41	578485.01	4141256	0.001998422	0.001047519	9.96984E-05	9.96306E-05	5.36824E-06	5.36824E-06	0.00056007	1.22614E-05	1.89417E-08	4.4056E-08	5.13076E-11	6.3049E-08	0.063049029
578505.014141256.41	578505.01	4141256	0.002348304	0.001275886	0.000118998	0.000118917	6.03152E-06	6.03152E-06	0.000678799	1.43977E-05	2.24517E-08	5.30686E-08	6.02472E-11	7.55806E-08	0.075580566
578525.014141256.41	578525.01	4141256	0.002740706	0.001531871	0.000143256	0.000143158	6.81325E-06	6.81325E-06	0.00082826	1.73482E-05	2.63876E-08	6.40755E-08	7.25934E-11	9.05357E-08	0.090535677
578545.014141256.41	578545.01	4141256	0.003220069	0.001851489	0.000173869	0.000173751	7.73438E-06	7.73438E-06	0.001016431	2.06302E-05	3.12256E-08	7.79122E-08	8.63268E-11	1.09224E-07	0.109224082
578565.014141256.41	578565.01	4141256	0.003831741	0.002266152	0.000214151	0.000214006	8.87235E-06	8.87235E-06	0.001262371	2.48492E-05	3.74282E-08	9.60081E-08	1.03981E-10	1.3354E-07	0.133540286
578585.014141256.41	578585.01	4141256	0.004612813	0.002804285	0.000267257	0.000267075	1.028E-05	1.028E-05	0.001583855	3.02803E-05	4.53859E-08	1.19697E-07	1.26708E-10	1.6521E-07	0.165209727
578605.014141256.41	578605.01	4141256	0.005589181	0.003488176	0.000335741	0.000335513	1.19801E-05	1.19801E-05	0.001994996	3.71272E-05	5.53815E-08	1.50043E-07	1.55358E-10	2.0558E-07	0.205579587
578625.014141256.41	578625.01	4141256	0.006795449	0.004347461	0.000422924	0.000422636	1.40101E-05	1.40101E-05	0.002514227	4.56688E-05	6.77926E-08	1.88437E-07	1.91101E-10	2.56421E-07	0.25642071
578645.014141256.41	578645.01	4141256	0.008336785	0.005461439	0.000537617	0.000537251	1.65266E-05	1.65266E-05	0.003191587	5.66719E-05	8.372E-08	2.38616E-07	2.37143E-10	3.22573E-07	0.322573046
578665.014141256.41	578665.01	4141256	0.0103533	0.006937511	0.000692059	0.000691588	1.97236E-05	1.97236E-05	0.004094859	7.11721E-05	1.04638E-07	3.05693E-07	2.97819E-10	4.10629E-07	0.410629499
578685.014141256.41	578685.01	4141256	0.012912846	0.008830587	0.00089347	0.000892862	2.36505E-05	2.36505E-05	0.005254835	8.96736E-05	1.31273E-07	3.92361E-07	3.75238E-10	5.2401E-07	0.524009565
578705.014141256.41	578705.01	4141256	0.016231185	0.011285376	0.001160254	0.001159464	2.8586E-05	2.8586E-05	0.006751536	0.000113582	1.65807E-07	5.05582E-07	4.75282E-10	6.71864E-07	0.671864178

578725.014141256.41	578725.01	4141256	0.020414279	0.014337247	0.001500014	0.001498993	3.46157E-05	3.46157E-05	0.008578671	0.000143288	2.09156E-07	6.46986E-07	5.99585E-10	8.56742E-07	0.85674173
578745.014141256.41	578745.01	4141256	0.025767792	0.018101354	0.001931179	0.001929865	4.21441E-05	4.21441E-05	0.010757269	0.000180058	2.64025E-07	8.21762E-07	7.53449E-10	1.08654E-06	1.086539749
578765.014141256.41	578765.01	4141256	0.032651673	0.022636161	0.002466483	0.002464804	5.16953E-05	5.16953E-05	0.013237605	0.000224804	3.33263E-07	1.03168E-06	9.40688E-10	1.36589E-06	1.36588716
578785.014141256.41	578785.01	4141256	0.041422588	0.0278807	0.003102409	0.003100298	6.39378E-05	6.39378E-05	0.015860047	0.000277615	4.19183E-07	1.27152E-06	1.16168E-09	1.69186E-06	1.691862191
578805.014141256.41	578805.01	4141256	0.052270744	0.033570507	0.003804971	0.003802381	7.96125E-05	7.96125E-05	0.018327928	0.00033705	5.22021E-07	1.52481E-06	1.41038E-09	2.04825E-06	2.048245238
578965.014141256.41	578965.01	4141256	0.149725479	0.045540824	0.004647739	0.004644576	0.000427309	0.000427309	0.01259567	0.000710256	1.27727E-06	1.69823E-06	2.97206E-09	2.97847E-06	2.978470726
578985.014141256.41	578985.01	4141256	0.152372778	0.041798278	0.004058353	0.004055591	0.000507123	0.000507123	0.010867894	0.0007248	1.28026E-06	1.51504E-06	3.03292E-09	2.79833E-06	2.798331793
579005.014141256.41	579005.01	4141256	0.150515824	0.037673046	0.003470139	0.003467777	0.000586191	0.000586191	0.009376513	0.000728548	1.24909E-06	1.33397E-06	3.0486E-09	2.58611E-06	2.5861096
579025.014141256.41	579025.01	4141256	0.142838546	0.033159316	0.002901164	0.00289919	0.000645466	0.000645466	0.008039756	0.000711928	1.17421E-06	1.15423E-06	2.97905E-09	2.33142E-06	2.331423614
579045.014141256.41	579045.01	4141256	0.131109803	0.028812581	0.002410027	0.002408386	0.000676592	0.000676592	0.006917864	0.000678622	1.0708E-06	9.93071E-07	2.83968E-09	2.06671E-06	2.066710141
579065.014141256.41	579065.01	4141256	0.116441666	0.024742423	0.001998176	0.001996816	0.000669779	0.000669779	0.005966462	0.000627051	9.47355E-07	8.49718E-07	2.62389E-09	1.7997E-06	1.79969677
579085.014141256.41	579085.01	4141256	0.100748422	0.021107843	0.001664816	0.001663683	0.000628354	0.000628354	0.005169184	0.000562388	8.18385E-07	7.25617E-07	2.3533E-09	1.54636E-06	1.546355517
579105.014141256.41	579105.01	4141256	0.084970478	0.017835195	0.001387432	0.001386488	0.000560652	0.000560652	0.004474768	0.000488615	6.90362E-07	6.15429E-07	2.0446E-09	1.30784E-06	1.307835569
579125.014141256.41	579125.01	4141256	0.070790186	0.015071205	0.001166827	0.001166033	0.000483317	0.000483317	0.003893231	0.00041641	5.76066E-07	5.22863E-07	1.74246E-09	1.10067E-06	1.10067152
579145.014141256.41	579145.01	4141256	0.058702402	0.01277889	0.000991035	0.00099036	0.00040747	0.00040747	0.003405951	0.000350928	4.78911E-07	4.4604E-07	1.46846E-09	9.26419E-07	0.926419381
579165.014141256.41	579165.01	4141256	0.048782892	0.010905113	0.000850656	0.000850077	0.000339748	0.000339748	0.002998096	0.000294747	3.99215E-07	3.83004E-07	1.23336E-09	7.83452E-07	0.783452025
579185.014141256.41	579185.01	4141256	0.04079418	0.009379299	0.000737683	0.000737181	0.000282413	0.000282413	0.002655676	0.000248035	3.34959E-07	3.31427E-07	1.0379E-09	6.67424E-07	0.667423958
579205.014141256.41	579205.01	4141256	0.034351892	0.008125135	0.000645226	0.000644787	0.000234868	0.000234868	0.002364235	0.000209514	2.83039E-07	2.88811E-07	8.76707E-10	5.72727E-07	0.572727362
579225.014141256.41	579225.01	4141256	0.029195371	0.007096835	0.000569365	0.000568978	0.000196306	0.000196306	0.002116542	0.00017819	2.41377E-07	2.53685E-07	7.45634E-10	4.95807E-07	0.495807372
579245.014141256.41	579245.01	4141256	0.025033424	0.006245383	0.000506305	0.000505961	0.000165062	0.000165062	0.001903899	0.000152636	2.07658E-07	2.24437E-07	6.38702E-10	4.32734E-07	0.432733751
579265.014141256.41	579265.01	4141256	0.021631063	0.005531129	0.000453079	0.000452771	0.000139571	0.000139571	0.001719108	0.000131598	1.80014E-07	1.99758E-07	5.50672E-10	3.80322E-07	0.380322192
578385.014141276.41	578385.01	4141276	0.00112971	0.000527313	4.9575E-05	4.95413E-05	3.38476E-06	3.38476E-06	0.000254296	6.67918E-06	1.04284E-08	2.14406E-08	2.7949E-11	3.1897E-08	0.031896966
578405.014141276.41	578405.01	4141276	0.001221421	0.000576248	5.52545E-05	5.52169E-05	3.64625E-06	3.64625E-06	0.000288312	7.21039E-06	1.13014E-08	2.38876E-08	3.01718E-11	3.52192E-08	0.035219198
578425.014141276.41	578425.01	4141276	0.001360062	0.000656112	6.27144E-05	6.26717E-05	3.97333E-06	3.97333E-06	0.000333313	8.09105E-06	1.26465E-08	2.72694E-08	3.38569E-11	3.99497E-08	0.039949723
578445.014141276.41	578445.01	4141276	0.001549365	0.000756245	7.20374E-05	7.19884E-05	4.36055E-06	4.36055E-06	0.000390331	9.18036E-06	1.44447E-08	3.15164E-08	3.84151E-11	4.59995E-08	0.045999455
578465.014141276.41	578465.01	4141276	0.001726342	0.000876243	8.32987E-05	8.3242E-05	4.80062E-06	4.80062E-06	0.00046021	1.04668E-05	1.62394E-08	3.66589E-08	4.37981E-11	5.29421E-08	0.052942079
578485.014141276.41	578485.01	4141276	0.001997291	0.001029107	9.7655E-05	9.75886E-05	5.32724E-06	5.32724E-06	0.000549993	1.20847E-05	1.88542E-08	4.32275E-08	5.05684E-11	6.21323E-08	0.062132276
578505.014141276.41	578505.01	4141276	0.002303297	0.001223559	0.000115986	0.000115907	5.95681E-06	5.95681E-06	0.000665437	1.41161E-05	2.19013E-08	5.16226E-08	5.90688E-11	7.3583E-08	0.073582968
578525.014141276.41	578525.01	4141276	0.002688574	0.001504173	0.000139845	0.00013975	6.72123E-06	6.72123E-06	0.000816212	1.67172E-05	2.58919E-08	6.28416E-08	6.99527E-11	8.88034E-08	0.088803447
578545.014141276.41	578545.01	4141276	0.003164432	0.001827909	0.000170406	0.00017029	7.6296E-06	7.6296E-06	0.001009546	2.0355E-05	3.07223E-08	7.68399E-08	8.51752E-11	1.07647E-07	0.107647365
578565.014141276.41	578565.01	4141276	0.003766266	0.002246529	0.000210463	0.00021032	8.73569E-06	8.73569E-06	0.001261964	2.45816E-05	3.68709E-08	9.50947E-08	1.02862E-10	1.32068E-07	0.132068493
578585.014141276.41	578585.01	4141276	0.004551861	0.002803639	0.000264666	0.000264485	1.01288E-05	1.01288E-05	0.001600879	3.01536E-05	4.4943E-08	1.19622E-07	1.26177E-10	1.64691E-07	0.16469079
578605.014141276.41	578605.01	4141276	0.005541573	0.003520154	0.000335486	0.000335258	1.18161E-05	1.18161E-05	0.00204031	3.72539E-05	5.51755E-08	1.5145E-07	1.55889E-10	2.06782E-07	0.206781837
578625.014141276.41	578625.01	4141276	0.006816822	0.004460838	0.000430053	0.000429761	1.39108E-05	1.39108E-05	0.002621816	4.64983E-05	6.84352E-08	1.93636E-07	1.94571E-10	2.62265E-07	0.262265363
578645.014141276.41	578645.01	4141276	0.008418206	0.005665823	0.000553026	0.000552649	1.64391E-05	1.64391E-05	0.003371434	5.82502E-05	8.51882E-08	2.48117E-07	2.43747E-10	3.33549E-07	0.333548611
578665.014141276.41	578665.01	4141276	0.010520891	0.007273036	0.000720006	0.000719516	1.96444E-05	1.96444E-05	0.004378351	7.3823E-05	1.07293E-07	3.21494E-07	3.08912E-10	4.29096E-07	0.429096174
578685.014141276.41	578685.01	4141276	0.013262389	0.009395853	0.000944863	0.00094422	2.36724E-05	2.36724E-05	0.005712574	9.42727E-05	1.36232E-07	4.19297E-07	3.94483E-10	5.55924E-07	0.555923531
578705.014141276.41	578705.01	4141276	0.01685654	0.012187864	0.001247737	0.001246888	2.87618E-05	2.87618E-05	0.007460534	0.000121056	1.7421E-07	5.49062E-07	5.06557E-10	7.23778E-07	0.723777922
578725.014141276.41	578725.01	4141276	0.021585943	0.015810089	0.001652338	0.001651213	3.52234E-05	3.52234E-05	0.00969058	0.000155745	2.2396E-07	7.18615E-07	6.51712E-10	9.43227E-07	0.943227352
578745.014141276.41	578745.01	4141276	0.027601338	0.020246458	0.002164067	0.002162594	4.31719E-05	4.31719E-05	0.012324038	0.000198354	2.86503E-07	9.26825E-07	8.30011E-10	1.21416E-06	1.214158209
578765.014141276.41	578765.01	4141276	0.035542894	0.025699257	0.002815311	0.002813395	5.34719E-05	5.34719E-05	0.015372799	0.000251221	3.67332E-07	1.18219E-06	1.05123E-09	1.55058E-06	1.550577512
578785.014141276.41	578785.01	4141276	0.04571232	0.031974599	0.003587672	0.00358523	6.66693E-05	6.66693E-05	0.018554716	0.000313298	4.67791E-07	1.47225E-06	1.31099E-09	1.94135E-06	1.941348087
578985.014141276.41	578985.01	4141276	0.173237584	0.045142473	0.004299234	0.004296308	0.000589643	0.000589643	0.011111549	0.000814525	1.44532E-06	1.60942E-06	3.40837E-09	3.05815E-06	3.058150407
579005.014141276.41	579005.01	4141276	0.169603626	0.040118145	0.003597303	0.003594855	0.000686912	0.000686912	0.00948961	0.000816473	1.39744E-06	1.39659E-06	3.41652E-09	2.79745E-06	2.797450796
579025.014141276.41	579025.01	4141276	0.159650191	0.035016861	0.002968273	0.002966253	0.000761941	0.000761941	0.008117522	0.000798781	1.3036E-06	1.20041E-06	3.34249E-09	2.50736E-06	2.507359215
579045.014141276.41	579045.01	4141276	0.14392551	0.029981713	0.002424	0.00242235	0.000791013	0.000791013	0.006934919	0.000753945	1.16837E-06	1.0205E-06	3.15487E-09	2.19203E-06	2.192030927
579065.014141276.41	579065.01	4141276	0.125375875	0.02542478	0.001987155	0.001985803	0.000769202	0.000769202	0.005955791	0.000687302	1.01481E-06	8.65156E-07	2.87601E-09	1.88284E-06	1.882837368
579085.014141276.41	579085.01	4141276	0.105554609	0.021282914	0.001628809	0.0016277	0.000700482	0.000700482	0.005110789	0.000601505	8.53843E-07	7.27025E-07	2.51699E-09	1.58338E-06	1.583384821
579105.014141276.41	579105.01	4141276	0.087293678	0.017802652	0.001350966	0.001350047	0.000608367	0.000608367	0.004414684	0.0005125	7.06997E-07	6.11935E-07	2.14455E-09	1.32108E-06	1.321075913
579125.014141276.41	579125.01	4141276	0.071456591	0.014912931	0.001132457	0.001131687	0.000510946	0.000510946	0.003833053	0.000428538	5.80196E-07	5.16294E-07	1.79321E-09	1.09828E-06	1.09828349
579145.014141276.41	579145.01	4141276	0.05852633	0.012579351	0.000961631	0.000960976	0.000421909	0.000421909	0.003352032	0.000355923	4.7678E-07	4.38706E-07	1.48936E-09	9.16975E-07	0.916975219
579165.014141276.41	579165.01	4141276	0.048108798	0.010682318	0.000824956	0.000824394	0.000345364	0.000345364	0.002946899	0.000295036	3.93388E-07	3.75237E-07	1.23457E-09	7.69859E-07	0.769859169
579185.014141276.41	579185.01	4141276	0.039881252	0.009151819	0.000715236	0.000714749	0.000282661	0.000282661	0.002606545	0.000245578	3.27387E-07	3.23691E-07	1.02762E-09	6.52106E-07	0.65210551
579205.014141276.41	579205.01	4141276	0.033414425	0.007915017	0.0006264	0.000625974	0.0002325	0.0002325	0.002319359	0.000205941	2.75365E-07	2.81753E-07	8.61758E-10	5.5798E-07	0.557980224
579225.014141276.41	579225.01	4141276	0.028312524	0.006908924	0.000553672	0.000553295	0.000192716	0.000192716	0.002075672	0.000174257	2.34193E-07	2.47408E-07	7.29174E-10	4.8233E-07	0.482330183
579245.014141276.41	579245.01	4141276	0.024233694	0.006079356	0.000493158	0.000492823	0.000160993	0.000160993	0.00186644	0.000148714	2.01168E-07	2.18895E-07	6.2229E-10	4.20685E-07	0.420685109
579265.014141276.41	579265.01	4141276	0.02099734	0.005399583	0.000443042	0.000442741	0.000136064	0.000136064	0.001688502	0.000128332	1.74871E-07	1.95383E-07	5.37002E-10	3.70791E-07	0.370791385
578385.014141296.41	578385.01	4141296	0.001104605	0.000506801	4.88989E-05	4.88656E-05	3.37747E-06	3.37747E-06	0.000248318	6.46286E-06	1.01588E-08	2.09513E-08	2.70438E-11	3.11371E-08	0.031137133
578405.014141296.41	578405.01	4141296	0.001246413	0.000588927	5.53897E-05	5.5352E-05	3.68269E-06	3.68269E-06	0.000286747	7.396E-06	1.15365E-08	2.40084E-08	3.09485E-11	3.55759E-08	0.035575866
578425.014141296.41	578425.01	4141296	0.001351807	0.000646987	6.19556E-05	6.19135E-05	3.97425E-06	3.97425E-06	0.000326898	8.02321E-06	1.25476E-08	2.68724E-08	3.3573E-11	3.94535E-08	0.039453548
578445.014141296.41	578445.01	4141296	0.001512047	0.00074171	7.07528E-05	7.07046E-05	4.34507E-06	4.34507E-06	0.000381193	9.05363E-06	1.41126E-08	3.08953E-08	3.78848E-11	4.50458E-08	0.045045805
578465.014141296.41	578465.01	4141296	0.001732561	0.000862031	8.19013E-05	8.18456E-05	4.78786E-06	4.78786E-06	0.000450979	1.03477E-05	1.62231E-08	3.60182E-08	4.33E-11	5.22846E-08	0.052284556
578485.014141296.41	578485.01	4141296	0.001974448	0.001033064	9.5852E-05	9.57868E-05	5.30537E-06	5.30537E-06	0.000539603	1.19375E-05	1.87063E-08	4.26693E-08	4.99525E-11	6.14256E-08	0.061425557
578505.014141296.41	578505.01	4141296	0.002269937	0.00122582	0.000113484	0.000113407	5.91399E-06	5.91399E-06	0.000653107	1.39075E-05	2.16702E-08	5.08659E-08	5.81958E-11	7.25942E-08	0.072594243
578525.014141296.41	578525.01	4141296	0.002641305	0.001475344	0.000136472	0.000136379	6.65017E-06	6.65017E-06	0.000802129	1.64317E-05	2.54264E-08	6.1554E-08	6.87583E-11	8.70492E-08	0.087049178
578545.014141296.41	578545.01	4141296	0.003107664	0.001798354	0.000166477	0.000166364	7.53667E-06	7.53667E-06	0.000997686	2.00427E-05	3.01851E-08	7.54951E-08	8.38683E-11	1.05764E-07	0.105764091
578565.014141296.41	578565.01	4141296	0.003701581	0.002221576	0.000206278	0.000206138	8.62089E-06	8.62089E-06	0.001256988	2.42872E-05	3.62964E-08	9.39212E-08	1.0163E-10	1.30319E-07	0.130319282
578585.014141296.41	578585.01	4141296	0.004469535	0.002783209	0.00025991	0.000259733	9.96386E-06	9.96386E-06	0.001604916	2.98579E-05	4.42606E-08	1.18611E-07	1.2494E-10	1.62996E-07	0.162996118
578605.014141296.41	578605.01	4141296	0.005472139	0.003534044	0.000332939	0.000332713	1.16439E-05	1.16439E-05	0.002074952	3.72283E-05	5.47339E-08	1.51976E-07	1.55781E-10	2.06865E-07	0.206865226

578625.014141296.41	578625.01	4141296	0.006783123	0.004538602	0.00043251	0.000432216	1.37468E-05	1.37468E-05	0.002710222	4.69949E-05	6.85268E-08	1.97107E-07	1.9665E-10	2.6583E-07	0.265830459
578645.014141296.41	578645.01	4141296	0.00848436	0.005872711	0.000567239	0.000566853	1.63562E-05	1.63562E-05	0.003561702	5.98502E-05	8.6557E-08	2.57684E-07	2.50443E-10	3.44492E-07	0.344491885
578665.014141296.41	578665.01	4141296	0.010666656	0.007623098	0.000747269	0.00074676	1.95551E-05	1.95551E-05	0.004686504	7.65828E-05	1.09854E-07	3.37938E-07	3.2046E-10	4.48112E-07	0.448112072
578685.014141296.41	578685.01	4141296	0.013592481	0.010006744	0.000998051	0.000997372	2.36678E-05	2.36678E-05	0.00622661	9.92188E-05	1.41247E-07	4.48455E-07	4.1518E-10	5.90117E-07	0.590116657
578705.014141296.41	578705.01	4141296	0.017498179	0.013209784	0.00134434	0.001343425	2.89249E-05	2.89249E-05	0.008291204	0.000129479	1.83244E-07	5.98537E-07	5.41802E-10	7.82323E-07	0.782322902
578725.014141296.41	578725.01	4141296	0.02270491	0.017428607	0.001816013	0.001814777	3.56343E-05	3.56343E-05	0.010966814	0.000169229	2.39011E-07	7.97982E-07	7.08135E-10	1.0377E-06	1.037700721
578745.014141296.41	578745.01	4141296	0.029652909	0.02283142	0.002444103	0.00244244	4.42424E-05	4.42424E-05	0.014269996	0.000220224	3.12451E-07	1.05476E-06	9.21523E-10	1.36813E-06	1.368132865
579005.014141296.41	579005.01	4141296	0.192591133	0.042718127	0.003702328	0.003699808	0.000817829	0.000817829	0.009568095	0.000923569	1.57463E-06	1.45907E-06	3.86466E-09	3.03756E-06	3.037562719
579025.014141296.41	579025.01	4141296	0.178690611	0.036779603	0.002997534	0.002995494	0.000909712	0.000909712	0.008137143	0.000900853	1.44868E-06	1.24048E-06	3.76961E-09	2.69293E-06	2.692930881
579045.014141296.41	579045.01	4141296	0.157976434	0.031067509	0.002413257	0.002411615	0.000934215	0.000934215	0.006923528	0.000842486	1.27451E-06	1.04486E-06	3.52537E-09	2.32289E-06	2.322890902
579065.014141296.41	579065.01	4141296	0.133649333	0.025817398	0.001942696	0.001941374	0.000882751	0.000882751	0.005891357	0.000750218	1.07624E-06	8.71548E-07	3.13928E-09	1.95092E-06	1.950922989
579085.014141296.41	579085.01	4141296	0.109924291	0.021358014	0.001583659	0.001582581	0.000779573	0.000779573	0.005045948	0.000642391	8.85718E-07	7.26286E-07	2.68808E-09	1.61469E-06	1.614691984
579105.014141296.41	579105.01	4141296	0.089044106	0.017692425	0.001309925	0.001309034	0.000656379	0.000656379	0.00435269	0.000535291	7.19161E-07	6.0677E-07	2.23992E-09	1.32817E-06	1.328171182
579125.014141296.41	579125.01	4141296	0.071595797	0.014698533	0.00109627	0.001095524	0.000535911	0.000535911	0.003773218	0.000438498	5.80278E-07	5.08529E-07	1.83489E-09	1.09064E-06	1.090641549
579145.014141296.41	579145.01	4141296	0.057619622	0.012287754	0.000928132	0.000927501	0.00043074	0.00043074	0.00328766	0.000356916	4.68977E-07	4.28792E-07	1.49351E-09	8.99262E-07	0.899262235
579165.014141296.41	579165.01	4141296	0.047005097	0.010411798	0.000798091	0.000797548	0.000347006	0.000347006	0.002891289	0.000292723	3.84253E-07	3.66221E-07	1.2249E-09	7.51699E-07	0.75169892
579185.014141296.41	579185.01	4141296	0.03869025	0.008896238	0.00069269	0.000692219	0.000279886	0.000279886	0.002554284	0.000241256	3.17687E-07	3.15241E-07	1.00953E-09	6.33937E-07	0.633937459
579205.014141296.41	579205.01	4141296	0.032302809	0.007688426	0.000607874	0.000607461	0.000227926	0.000227926	0.002271855	0.000201062	2.66363E-07	2.74277E-07	8.4134E-10	5.41481E-07	0.541481052
579225.014141296.41	579225.01	4141296	0.027338756	0.006714069	0.000538586	0.00053822	0.000187674	0.000187674	0.002033018	0.000169509	2.26322E-07	2.40972E-07	7.09308E-10	4.68003E-07	0.468003216
579245.014141296.41	579245.01	4141296	0.023389634	0.005910584	0.000480605	0.000480278	0.000155943	0.000155943	0.001827197	0.00014426	1.94346E-07	2.13284E-07	6.03656E-10	4.08234E-07	0.408233703
579265.014141296.41	579265.01	4141296	0.020311033	0.005260931	0.000432961	0.000432666	0.000131627	0.000131627	0.001654423	0.000124524	1.69319E-07	1.90739E-07	5.21068E-10	3.60579E-07	0.360578512
579285.014141296.41	579285.01	4141296	0.017809839	0.004715611	0.000392348	0.000392081	0.000112212	0.000112212	0.001504368	0.000108484	1.4891E-07	1.7168E-07	4.53948E-10	3.21043E-07	0.321043397
578385.014141316.41	578385.01	4141316	0.001109016	0.000505186	4.89214E-05	4.88881E-05	3.40207E-06	3.40207E-06	0.000245564	6.47566E-06	1.01837E-08	2.0872E-08	2.70973E-11	3.10828E-08	0.031082797
578405.014141316.41	578405.01	4141316	0.001217689	0.000565508	5.45633E-05	5.45262E-05	3.67176E-06	3.67176E-06	0.000279143	7.15407E-06	1.12282E-08	2.34197E-08	2.99361E-11	3.46779E-08	0.034677873
578425.014141316.41	578425.01	4141316	0.001382227	0.000661927	6.22862E-05	6.22438E-05	4.02345E-06	4.02345E-06	0.000325646	8.2357E-06	1.28316E-08	2.70622E-08	3.44622E-11	3.99282E-08	0.039928212
578445.014141316.41	578445.01	4141316	0.001528897	0.000749381	7.01668E-05	7.0119E-05	4.36055E-06	4.36055E-06	0.000374872	9.01523E-06	1.42673E-08	3.07082E-08	3.77241E-11	4.50132E-08	0.045013247
578465.014141316.41	578465.01	4141316	0.001714016	0.000844669	8.04063E-05	8.03516E-05	4.77329E-06	4.77329E-06	0.000439713	1.02005E-05	1.60144E-08	3.52752E-08	4.2684E-11	5.13323E-08	0.051332333
578485.014141316.41	578485.01	4141316	0.001949004	0.000990588	9.38312E-05	9.37673E-05	5.27986E-06	5.27986E-06	0.000526084	1.17481E-05	1.83397E-08	4.15108E-08	4.91597E-11	5.98996E-08	0.059899596
578505.014141316.41	578505.01	4141316	0.0022411	0.001202079	0.000111117	0.000111042	5.88575E-06	5.88575E-06	0.000639181	1.39792E-05	2.13597E-08	4.98265E-08	5.84957E-11	7.12447E-08	0.071244715
578525.014141316.41	578525.01	4141316	0.002602291	0.001447162	0.000133362	0.000133271	6.60461E-06	6.60461E-06	0.000786858	1.6497E-05	2.50233E-08	6.02947E-08	6.90315E-11	8.53871E-08	0.085387083
578545.014141316.41	578545.01	4141316	0.00305508	0.00176581	0.00016245	0.00016234	7.46561E-06	7.46561E-06	0.000982101	1.97227E-05	2.96652E-08	7.40098E-08	8.25292E-11	1.03758E-07	0.103757569
578565.014141316.41	578565.01	4141316	0.003638707	0.00219081	0.000201651	0.000201513	8.52704E-06	8.52704E-06	0.001246536	2.39634E-05	3.57099E-08	9.24695E-08	1.00275E-10	1.2828E-07	0.128279692
578585.014141316.41	578585.01	4141316	0.004395126	0.002760275	0.000254929	0.000254756	9.83813E-06	9.83813E-06	0.001605855	2.95725E-05	4.36245E-08	1.17458E-07	1.23746E-10	1.61206E-07	0.161206225
578605.014141316.41	578605.01	4141316	0.005397617	0.00353792	0.00032904	0.000328816	1.14954E-05	1.14954E-05	0.002103117	3.71413E-05	5.42125E-08	1.51985E-07	1.55417E-10	2.06353E-07	0.206352914
578625.014141316.41	578625.01	4141316	0.006719004	0.004593594	0.000431699	0.000431405	1.35709E-05	1.35709E-05	0.002786454	4.73008E-05	6.83007E-08	1.99428E-07	1.9793E-10	2.67926E-07	0.26792613
578645.014141316.41	578645.01	4141316	0.008487865	0.006045682	0.000576066	0.000575674	1.62122E-05	1.62122E-05	0.003737762	6.11341E-05	8.73273E-08	2.65536E-07	2.55815E-10	3.53119E-07	0.353118995
578665.014141316.41	578665.01	4141316	0.010806541	0.008002391	0.000774855	0.000774327	1.9494E-05	1.9494E-05	0.005031897	7.96011E-05	1.12497E-07	3.55686E-07	3.3309E-10	4.68517E-07	0.468516529
578685.014141316.41	578685.01	4141316	0.013904367	0.010674727	0.001053208	0.001052491	2.36569E-05	2.36569E-05	0.006810807	0.000104626	1.46376E-07	4.80337E-07	4.37805E-10	6.2715E-07	0.627150076
578705.014141316.41	578705.01	4141316	0.018123308	0.014352752	0.001448479	0.001447493	2.90424E-05	2.90424E-05	0.009257909	0.000138852	1.92681E-07	6.54088E-07	5.81026E-10	8.4735E-07	0.847349928
578725.014141316.41	578725.01	4141316	0.023888222	0.019328789	0.002004689	0.002003325	3.60315E-05	3.60315E-05	0.012519594	0.000184981	2.5574E-07	8.91875E-07	7.74049E-10	1.14839E-06	1.148389049
579025.014141316.41	579025.01	4141316	0.200386246	0.038433975	0.002983817	0.002981786	0.00110271	0.00110271	0.008109573	0.001024003	1.61246E-06	1.27512E-06	4.28493E-09	2.89186E-06	2.891864281
579045.014141316.41	579045.01	4141316	0.172530243	0.031905717	0.002363359	0.00236175	0.001112116	0.001112116	0.006863381	0.000944084	1.38321E-06	1.06188E-06	3.95051E-09	2.44904E-06	2.449036173
579065.014141316.41	579065.01	4141316	0.142006925	0.026138631	0.00188811	0.001886825	0.001017503	0.001017503	0.005827923	0.000822026	1.13797E-06	8.77624E-07	3.43976E-09	2.01903E-06	2.019031113
579085.014141316.41	579085.01	4141316	0.113739974	0.021349696	0.001533039	0.001531996	0.000864627	0.000864627	0.004982515	0.000684698	9.13234E-07	7.24344E-07	2.86511E-09	1.64044E-06	1.640442989
579105.014141316.41	579105.01	4141316	0.089947987	0.017483599	0.001264708	0.001263847	0.000701435	0.000701435	0.00428738	0.00055507	7.24789E-07	5.99407E-07	2.32268E-09	1.32652E-06	1.326518433
579125.014141316.41	579125.01	4141316	0.070864369	0.014386749	0.001056709	0.00105599	0.000554454	0.000554454	0.003705905	0.000443908	5.73653E-07	4.9825E-07	1.85753E-09	1.07376E-06	1.07376071
579145.014141316.41	579145.01	4141316	0.056272225	0.011962322	0.000895513	0.000894904	0.000435041	0.000435041	0.003224164	0.000355199	4.57846E-07	4.18226E-07	1.48632E-09	8.77558E-07	0.877558015
579165.014141316.41	579165.01	4141316	0.045494407	0.010101143	0.000771053	0.000770529	0.000344159	0.000344159	0.002831079	0.000287681	3.72007E-07	3.56159E-07	1.2038E-09	7.29369E-07	0.729369463
579185.014141316.41	579185.01	4141316	0.037339461	0.008631775	0.000671475	0.000671018	0.000274664	0.000274664	0.002501553	0.00023559	3.06794E-07	3.06672E-07	9.85825E-10	6.14452E-07	0.614451754
579205.014141316.41	579205.01	4141316	0.031092696	0.007456021	0.000590355	0.000589953	0.000221528	0.000221528	0.002222504	0.000195198	2.56624E-07	2.66685E-07	8.16803E-10	5.24126E-07	0.524125673
579225.014141316.41	579225.01	4141316	0.026321678	0.006517599	0.000524313	0.000523956	0.000181432	0.000181432	0.001988362	0.000164137	2.18132E-07	2.3449E-07	6.86828E-10	4.53308E-07	0.453308454
579245.014141316.41	579245.01	4141316	0.022636381	0.005762161	0.000470042	0.000469723	0.000151043	0.000151043	0.001791522	0.000140093	1.88268E-07	2.08359E-07	5.86216E-10	3.97213E-07	0.397213391
579265.014141316.41	579265.01	4141316	0.019711461	0.005139803	0.000424419	0.00042413	0.000127445	0.000127445	0.00162316	0.000121023	1.64468E-07	1.86661E-07	5.06418E-10	3.51635E-07	0.351634596
579285.014141316.41	579285.01	4141316	0.01732075	0.004613702	0.000385106	0.000384844	0.000108603	0.000108603	0.001476109	0.000105492	1.44939E-07	1.68179E-07	4.41431E-10	3.1356E-07	0.31355988
578385.014141336.41	578385.01	4141336	0.001119646	0.000506801	4.92745E-05	4.9241E-05	3.4376E-06	3.4376E-06	0.000244156	6.52302E-06	1.02674E-08	2.09226E-08	2.72955E-11	3.12174E-08	0.031217359
578405.014141336.41	578405.01	4141336	0.001224588	0.000564459	5.4691E-05	5.46538E-05	3.70183E-06	3.70183E-06	0.000276201	7.17583E-06	1.12735E-08	2.33617E-08	3.00272E-11	3.46652E-08	0.034665222
578425.014141336.41	578425.01	4141336	0.001350111	0.000635359	6.1302E-05	6.12603E-05	4.00796E-06	4.00796E-06	0.000316164	7.96689E-06	1.24853E-08	2.63637E-08	3.33374E-11	3.88823E-08	0.038882333
578445.014141336.41	578445.01	4141336	0.001529236	0.000742437	6.98513E-05	6.98037E-05	4.38333E-06	4.38333E-06	0.000368894	9.1522E-06	1.42398E-08	3.04295E-08	3.82973E-11	4.47077E-08	0.044707687
578465.014141336.41	578465.01	4141336	0.001729508	0.000863404	8.08496E-05	8.07946E-05	4.83615E-06	4.83615E-06	0.000438148	1.04629E-05	1.6207E-08	3.55188E-08	4.37821E-11	5.17696E-08	0.051769571
578485.014141336.41	578485.01	4141336	0.001934077	0.000993415	9.24038E-05	9.23409E-05	5.27895E-06	5.27895E-06	0.000513942	1.16188E-05	1.82441E-08	4.09687E-08	4.86188E-11	5.92614E-08	0.059261422
578505.014141336.41	578505.01	4141336	0.002210681	0.001174461	0.000108608	0.000108534	5.8575E-06	5.8575E-06	0.000621563	1.34723E-05	2.10211E-08	4.86275E-08	5.63746E-11	6.97049E-08	0.069704949
578525.014141336.41	578525.01	4141336	0.002563842	0.001414861	0.000130132	0.000130043	6.56634E-06	6.56634E-06	0.000767362	1.62064E-05	2.46066E-08	5.88648E-08	6.78156E-11	8.35392E-08	0.08353921
578545.014141336.41	578545.01	4141336	0.003012786	0.00173359	0.000158769	0.000158661	7.42552E-06	7.42552E-06	0.000964577	1.94295E-05	2.92211E-08	7.25465E-08	8.13027E-11	1.01849E-07	0.101848844
578565.014141336.41	578565.01	4141336	0.003575606	0.002151645	0.000196497	0.000196363	8.4496E-06	8.4496E-06	0.001228292	2.35858E-05	3.50856E-08	9.06386E-08	9.86944E-11	1.25823E-07	0.125822851
578585.014141336.41	578585.01	4141336	0.004315515	0.002723775	0.000248754	0.000248585	9.72697E-06	9.72697E-06	0.001595684	2.9191E-05	4.28924E-08	1.15665E-07	1.22149E-10	1.58679E-07	0.158679213
578605.014141336.41	578605.01	4141336	0.005305227	0.003519185	0.000322685	0.000322465	1.13478E-05	1.13478E-05	0.00211504	3.6875E-05	5.34647E-08	1.50895E-07	1.54303E-10	2.04514E-07	0.204513831
578625.014141336.41	578625.01	4141336	0.006637923	0.004630256	0.000428205	0.000427914	1.34097E-05	1.34097E-05	0.002852015	4.74737E-05	6.78731E-08	2.00793E-07	1.98653E-10	2.68864E-07	0.268864449
578645.014141336.41	578645.01	4141336	0.008409159	0.006162289	0.000577051	0.000576658	1.59881E-05	1.59881E-05	0.003882497	6.19124E-05	8.72612E-08	2.70549E-07	2.59072E-10	3.58069E-07	0.35806901
578665.014141336.41	578665.01	4141336	0.010876654	0.008362304	0.000796754	0.000796211	1.93774E-05	1.93774E-05	0.005382953	8.24338E-05	1.14554E-07	3.72314E-07	3.44943E-10	4.87212E-07	0.487212483

578685.014141336.41	578685.01	4141336	0.014164573	0.011385105	0.001107185	0.001106432	2.36095E-05	2.36095E-05	0.007462099	0.000110364	1.51314E-07	5.14125E-07	4.61817E-10	6.65901E-07	0.665900783
578705.014141336.41	578705.01	4141336	0.018755222	0.01567176	0.001563803	0.001562739	2.91691E-05	2.91691E-05	0.010416196	0.000149675	2.02925E-07	7.18368E-07	6.26313E-10	9.21919E-07	0.921919295
579025.014141336.41	579025.01	4141336	0.225987917	0.040132277	0.002938697	0.002936697	0.001368301	0.001368301	0.008074743	0.001182531	1.80464E-06	1.312E-06	4.94829E-09	3.12158E-06	3.121583686
579045.014141336.41	579045.01	4141336	0.1882962	0.032682231	0.00229489	0.002293328	0.001341822	0.001341822	0.006802389	0.001069131	1.50039E-06	1.08036E-06	4.47377E-09	2.58523E-06	2.585227711
579065.014141336.41	579065.01	4141336	0.149906075	0.0263393	0.001822736	0.001821496	0.001173311	0.001173311	0.005762488	0.000901747	1.19587E-06	8.82663E-07	3.77335E-09	2.0823E-06	2.082304756
579085.014141336.41	579085.01	4141336	0.116320101	0.021188676	0.001475028	0.001474024	0.000949194	0.000949194	0.004911759	0.000724184	9.31171E-07	7.19211E-07	3.03034E-09	1.65341E-06	1.653412074
579105.014141336.41	579105.01	4141336	0.089496895	0.017127401	0.001214336	0.00121351	0.000737265	0.000737265	0.004210803	0.000568117	7.19997E-07	5.88286E-07	2.37728E-09	1.31066E-06	1.310660033
579125.014141336.41	579125.01	4141336	0.069303696	0.013999541	0.001016675	0.001015983	0.000565064	0.000565064	0.003634492	0.000444369	5.60717E-07	4.86145E-07	1.85946E-09	1.04872E-06	1.048721568
579145.014141336.41	579145.01	4141336	0.054588855	0.011620013	0.000865283	0.000864694	0.000434928	0.000434928	0.003162765	0.000351039	4.44217E-07	4.07507E-07	1.46892E-09	8.53192E-07	0.853192403
579165.014141336.41	579165.01	4141336	0.043762863	0.00977878	0.000745872	0.000745364	0.000337785	0.000337785	0.0027699	0.000280743	3.58115E-07	3.45917E-07	1.17477E-09	7.05207E-07	0.705206849
579185.014141336.41	579185.01	4141336	0.035859869	0.008359801	0.000651499	0.000651056	0.000266954	0.000266954	0.002446163	0.000228598	2.94939E-07	2.97921E-07	9.56564E-10	5.93816E-07	0.59381615
579205.014141336.41	579205.01	4141336	0.029855556	0.007225877	0.000574076	0.000573685	0.000213762	0.000213762	0.002171463	0.00018867	2.467E-07	2.59157E-07	7.89486E-10	5.06646E-07	0.506646046
579225.014141336.41	579225.01	4141336	0.025430802	0.006347292	0.000512413	0.000512064	0.000175495	0.000175495	0.00194793	0.000159185	2.10966E-07	2.28859E-07	6.6611E-10	4.40491E-07	0.440490554
579245.014141336.41	579245.01	4141336	0.021923273	0.005621329	0.000460209	0.000459895	0.00014589	0.00014589	0.00175519	0.000135869	1.82512E-07	2.03605E-07	5.6854E-10	3.86686E-07	0.386685563
579265.014141336.41	579265.01	4141336	0.019128513	0.005019967	0.000415915	0.000415632	0.000122979	0.000122979	0.001589738	0.000117393	1.59742E-07	1.82518E-07	4.91228E-10	3.42751E-07	0.342751201
579285.014141336.41	579285.01	4141336	0.016863325	0.004515345	0.000377917	0.000377659	0.00010499	0.00010499	0.001446787	0.000102537	1.41213E-07	1.64698E-07	4.29063E-10	3.0634E-07	0.30633969
578385.014141356.41	578385.01	4141356	0.001149952	0.000512777	5.00183E-05	4.99842E-05	3.48772E-06	3.48772E-06	0.000244594	6.61902E-06	1.0512E-08	2.11391E-08	2.76972E-11	3.16788E-08	0.031678792
578405.014141356.41	578405.01	4141356	0.001257156	0.00057003	5.54197E-05	5.5382E-05	3.75376E-06	3.75376E-06	0.000276076	7.27184E-06	1.15327E-08	2.35572E-08	3.04289E-11	3.51203E-08	0.035120278
578425.014141356.41	578425.01	4141356	0.001384036	0.000650702	6.19556E-05	6.19135E-05	4.06171E-06	4.06171E-06	0.000315131	8.05649E-06	1.27963E-08	2.66237E-08	3.37123E-11	3.94537E-08	0.039453743
578445.014141356.41	578445.01	4141356	0.001531724	0.00073638	6.97386E-05	6.96911E-05	4.40884E-06	4.40884E-06	0.00036298	8.98067E-06	1.42317E-08	3.01996E-08	3.75795E-11	4.44689E-08	0.044468928
578465.014141356.41	578465.01	4141356	0.001711301	0.000844265	7.94598E-05	7.94057E-05	4.81884E-06	4.81884E-06	0.000424379	1.01289E-05	1.59931E-08	3.47137E-08	4.23841E-11	5.07491E-08	0.050749136
578485.014141356.41	578485.01	4141356	0.001950022	0.000992365	9.28245E-05	9.27613E-05	5.34546E-06	5.34546E-06	0.000510625	1.18838E-05	1.83547E-08	4.09596E-08	4.97275E-11	5.9364E-08	0.059364004
578505.014141356.41	578505.01	4141356	0.002216335	0.001166144	0.000108255	0.000108182	5.90761E-06	5.90761E-06	0.000614083	1.37053E-05	2.10261E-08	4.82927E-08	5.73495E-11	6.93762E-08	0.069376156
578525.014141356.41	578525.01	4141356	0.002534554	0.001384175	0.000127427	0.00012734	6.54812E-06	6.54812E-06	0.000746864	1.59479E-05	2.42629E-08	5.75262E-08	6.67336E-11	8.18559E-08	0.081855909
578545.014141356.41	578545.01	4141356	0.00296744	0.001693053	0.000154705	0.0001546	7.38452E-06	7.38452E-06	0.000939322	1.90724E-05	2.8719E-08	7.0731E-08	7.98083E-11	9.95298E-08	0.09952983
578565.014141356.41	578565.01	4141356	0.003527997	0.00211353	0.000191937	0.000191806	8.41316E-06	8.41316E-06	0.001207669	2.32504E-05	3.45777E-08	8.88732E-08	9.72911E-11	1.23548E-07	0.123548184
578585.014141356.41	578585.01	4141356	0.004242802	0.002679927	0.000242293	0.000242128	9.64862E-06	9.64862E-06	0.001577189	2.87763E-05	4.21785E-08	1.13536E-07	1.20414E-10	1.55835E-07	0.155834888
578605.014141356.41	578605.01	4141356	0.005213403	0.003486884	0.000315135	0.00031492	1.12321E-05	1.12321E-05	0.002114946	3.65281E-05	5.26626E-08	1.49143E-07	1.52852E-10	2.01958E-07	0.201958329
578625.014141356.41	578625.01	4141356	0.006522803	0.004629529	0.000420325	0.000420039	1.32356E-05	1.32356E-05	0.00289154	4.73405E-05	6.70388E-08	2.00298E-07	1.98096E-10	2.67535E-07	0.267535085
578645.014141356.41	578645.01	4141356	0.008314394	0.006265571	0.000574782	0.000574391	1.57968E-05	1.57968E-05	0.004023602	6.26164E-05	8.70218E-08	2.74731E-07	2.62017E-10	3.62015E-07	0.362015146
578665.014141356.41	578665.01	4141356	0.010830741	0.008658584	0.000807639	0.00080709	1.91551E-05	1.91551E-05	0.005707629	8.46943E-05	1.15498E-07	3.8556E-07	3.54402E-10	5.01413E-07	0.501413223
578685.014141356.41	578685.01	4141356	0.014364845	0.0121445	0.001158684	0.001157895	2.35393E-05	2.35393E-05	0.008193097	0.000116511	1.56031E-07	5.49966E-07	4.87537E-10	7.06484E-07	0.706484346
579025.014141356.41	579025.01	4141356	0.256407876	0.041907455	0.002863016	0.002861067	0.001748467	0.001748467	0.008042666	0.001396011	2.03194E-06	1.35639E-06	5.84159E-09	3.39416E-06	3.394164595
579045.014141356.41	579045.01	4141356	0.204911532	0.033372583	0.002210299	0.002208795	0.001638582	0.001638582	0.006743869	0.001224355	1.62334E-06	1.10223E-06	5.1233E-09	2.73069E-06	2.73069411
579065.014141356.41	579065.01	4141356	0.156220577	0.02631887	0.001744907	0.001743719	0.001341635	0.001341635	0.005684972	0.000983403	1.24138E-06	8.8414E-07	4.11504E-09	2.12963E-06	2.129631063
579085.014141356.41	579085.01	4141356	0.116828075	0.020809867	0.001409594	0.001408634	0.00102181	0.00102181	0.004825074	0.000754271	9.33207E-07	7.08758E-07	3.15624E-09	1.64512E-06	1.645121638
579105.014141356.41	579105.01	4141356	0.087566323	0.016636831	0.001162305	0.001161514	0.000759061	0.000759061	0.00412415	0.000572412	7.03944E-07	5.73701E-07	2.39525E-09	1.28004E-06	1.280040901
579125.014141356.41	579125.01	4141356	0.066836314	0.01353247	0.000976851	0.000976186	0.000565294	0.000565294	0.003554661	0.000438754	5.40889E-07	4.71925E-07	1.83596E-09	1.01465E-06	1.014650073
579145.014141356.41	579145.01	4141356	0.052230713	0.011207208	0.000834158	0.000833591	0.000426523	0.000426523	0.003088223	0.000342	4.25411E-07	3.94669E-07	1.4311E-09	8.21512E-07	0.82151161
579165.014141356.41	579165.01	4141356	0.041786606	0.009434856	0.000721569	0.000721077	0.000327178	0.000327178	0.002702211	0.000271484	3.42364E-07	3.34995E-07	1.13602E-09	6.78495E-07	0.678495437
579185.014141356.41	579185.01	4141356	0.034298856	0.008081771	0.000632395	0.000631965	0.000256911	0.000256911	0.002386047	0.000220387	2.8247E-07	2.88899E-07	9.22208E-10	5.72291E-07	0.572290662
579205.014141356.41	579205.01	4141356	0.028736815	0.007018828	0.000559899	0.000559518	0.000205966	0.000205966	0.002122645	0.000182371	2.3773E-07	2.52311E-07	7.63128E-10	4.90804E-07	0.490804382
579225.014141356.41	579225.01	4141356	0.024515499	0.006170606	0.000500175	0.000499835	0.000168505	0.000168505	0.001902147	0.000153642	2.03596E-07	2.22851E-07	6.42912E-10	4.27089E-07	0.427089364
579245.014141356.41	579245.01	4141356	0.02120632	0.005476056	0.000449856	0.00044955	0.000140152	0.000140152	0.001714382	0.000131312	1.7671E-07	1.98532E-07	5.49472E-10	3.75791E-07	0.375791497
579265.014141356.41	579265.01	4141356	0.018568181	0.004901422	0.00040696	0.000406683	0.000118437	0.000118437	0.001553468	0.000113738	1.55186E-07	1.78225E-07	4.75936E-10	3.33886E-07	0.333886112
579285.014141356.41	579285.01	4141356	0.016405108	0.004412225	0.000369961	0.000369709	0.000101213	0.000101213	0.00141421	9.9453E-05	1.3746E-07	1.60926E-07	4.1616E-10	2.98801E-07	0.298801494
579305.014141356.41	579305.01	4141356	0.014614874	0.003995785	0.00033765	0.00033742	8.75509E-05	8.75509E-05	0.001292632	8.78176E-05	1.22739E-07	1.46079E-07	3.67471E-10	2.69186E-07	0.269186075
578385.014141376.41	578385.01	4141376	0.001170081	0.000527555	5.10324E-05	5.09977E-05	3.54603E-06	3.54603E-06	0.000246347	6.74318E-06	1.0721E-08	2.15309E-08	2.82168E-11	3.22801E-08	0.032280116
578405.014141376.41	578405.01	4141376	0.001278416	0.000585939	5.64865E-05	5.64481E-05	3.81662E-06	3.81662E-06	0.000277516	7.47792E-06	1.17547E-08	2.39631E-08	3.12913E-11	3.57491E-08	0.035749054
578425.014141376.41	578425.01	4141376	0.001403147	0.000655224	6.28872E-05	6.28444E-05	4.12002E-06	4.12002E-06	0.0003151	8.2613E-06	1.29538E-08	2.68491E-08	3.45693E-11	3.98374E-08	0.039837437
578445.014141376.41	578445.01	4141376	0.001551966	0.000740418	7.07002E-05	7.06521E-05	4.47353E-06	4.47353E-06	0.000362291	9.20852E-06	1.43953E-08	3.04097E-08	3.85329E-11	4.48435E-08	0.044843491
578465.014141376.41	578465.01	4141376	0.001725889	0.000843539	8.00307E-05	7.99762E-05	4.8726E-06	4.8726E-06	0.000420686	1.03362E-05	1.60953E-08	3.4725E-08	4.32518E-11	5.08635E-08	0.050863494
578485.014141376.41	578485.01	4141376	0.00193272	0.000971208	9.14572E-05	9.1395E-05	5.33271E-06	5.33271E-06	0.000494571	1.17084E-05	1.81386E-08	4.00807E-08	4.89937E-11	5.82683E-08	0.058268287
578505.014141376.41	578505.01	4141376	0.00220039	0.001143049	0.000106738	0.000106665	5.90579E-06	5.90579E-06	0.000596465	1.35222E-05	2.08115E-08	4.73275E-08	5.65835E-11	6.81956E-08	0.06819563
578525.014141376.41	578525.01	4141376	0.002548237	0.001376827	0.00012742	0.000127333	6.6201E-06	6.6201E-06	0.000738947	1.59427E-05	2.43301E-08	5.7257E-08	6.67122E-11	8.16538E-08	0.081653815
578545.014141376.41	578545.01	4141376	0.002933175	0.001653807	0.000151332	0.000151229	7.36721E-06	7.36721E-06	0.000912159	1.8746E-05	2.83026E-08	6.90117E-08	7.84424E-11	9.73928E-08	0.09739276
578565.014141376.41	578565.01	4141376	0.003477336	0.00206419	0.000186971	0.000186844	8.3758E-06	8.3758E-06	0.001175999	2.28267E-05	3.39993E-08	8.66379E-08	9.55182E-11	1.20733E-07	0.120732739
578585.014141376.41	578585.01	4141376	0.004186712	0.00263414	0.000236426	0.000236265	9.61399E-06	9.61399E-06	0.001552905	2.83833E-05	4.15763E-08	1.11356E-07	1.1877E-10	1.53051E-07	0.153051361
578605.014141376.41	578605.01	4141376	0.005129607	0.003442228	0.000307006	0.000306797	1.11556E-05	1.11556E-05	0.002101771	3.61134E-05	5.18652E-08	1.4683E-07	1.51116E-10	1.98847E-07	0.198846537
578625.014141376.41	578625.01	4141376	0.006412094	0.004612894	0.000410844	0.000410564	1.3109E-05	1.3109E-05	0.002917013	4.71229E-05	6.61677E-08	1.98993E-07	1.97185E-10	2.65358E-07	0.265357761
578645.014141376.41	578645.01	4141376	0.008197579	0.006342043	0.000568073	0.000567686	1.56309E-05	1.56309E-05	0.004149123	6.31348E-05	8.65077E-08	2.77422E-07	2.64187E-10	3.64193E-07	0.36419344
578665.014141376.41	578665.01	4141376	0.010753279	0.008953573	0.000813552	0.000812998	1.89656E-05	1.89656E-05	0.006049986	8.69919E-05	1.1621E-07	3.98319E-07	3.64017E-10	5.14892E-07	0.51489243
578685.014141376.41	578685.01	4141376	0.014448867	0.012914634	0.001201084	0.001200267	2.33936E-05	2.33936E-05	0.008984211	0.000122742	1.59955E-07	5.85734E-07	5.13612E-10	7.46203E-07	0.746202717
579005.014141376.41	579005.01	4141376	0.355258747	0.055060874	0.003686679	0.00368417	0.002115012	0.002115012	0.009631372	0.001766383	2.80236E-06	1.72501E-06	7.39141E-09	4.53476E-06	4.534761897
579025.014141376.41	579025.01	4141376	0.290578947	0.043504816	0.002739878	0.002738013	0.002296611	0.002296611	0.007982519	0.00168373	2.28556E-06	1.40748E-06	7.04555E-09	3.70008E-06	3.700076631
579045.014141376.41	579045.01	4141376	0.219608053	0.033676373	0.002097311	0.002095884	0.00199487	0.00199487	0.006651114	0.001400009	1.73077E-06	1.12036E-06	5.85832E-09	2.85699E-06	2.856988386
579065.014141376.41	579065.01	4141376	0.159364993	0.025971716	0.001656042	0.001654914	0.00149917	0.00149917	0.00558408	0.00105371	1.26259E-06	8.78437E-07	4.40923E-09	2.14543E-06	2.145431096
579085.014141376.41	579085.01	4141376	0.114884499	0.020221748	0.001342131	0.001341218	0.001070653	0.001070653	0.004723775	0.000769611	9.1664E-07	6.92837E-07	3.22043E-09	1.6127E-06	1.61269789
579105.014141376.41	579105.01	4141376	0.083974207	0.016003329	0.001110003	0.001109247	0.00076141	0.00076141	0.004021599	0.000565552	6.75278E-07	5.55096E-07	2.36655E-09	1.23274E-06	1.232740392

579125.014141376.41	579125.01	4141376	0.063349592	0.012968173	0.000936524	0.000935887	0.000552232	0.000552232	0.003457336	0.00042564	5.13282E-07	4.54735E-07	1.78108E-09	9.69798E-07	0.969797972
579145.014141376.41	579145.01	4141376	0.049435613	0.01075128	0.00080344	0.000802893	0.000410834	0.000410834	0.003001507	0.000328971	4.03265E-07	3.8037E-07	1.37657E-09	7.85012E-07	0.785012163
579165.014141376.41	579165.01	4141376	0.039769977	0.009092386	0.000698798	0.000698323	0.000313872	0.000313872	0.002630046	0.000260916	3.26328E-07	3.23971E-07	1.0918E-09	6.5139E-07	0.651390084
579185.014141376.41	579185.01	4141376	0.032798117	0.007814077	0.000614448	0.00061403	0.000245792	0.000245792	0.002323271	0.000211743	2.7048E-07	2.80016E-07	8.86038E-10	5.51382E-07	0.551382272
579205.014141376.41	579205.01	4141376	0.027604843	0.0068054	0.000545182	0.000544811	0.000196918	0.000196918	0.002067442	0.000175369	2.28637E-07	2.45004E-07	7.33829E-10	4.74375E-07	0.474374831
579225.014141376.41	579225.01	4141376	0.023641472	0.00599602	0.000487637	0.000487305	0.000161201	0.000161201	0.00185314	0.000147956	1.96533E-07	2.16694E-07	6.19119E-10	4.13846E-07	0.413845528
579245.014141376.41	579245.01	4141376	0.020528267	0.005332478	0.000438971	0.000438672	0.000134396	0.000134396	0.001671165	0.000126756	1.71195E-07	1.93316E-07	5.30409E-10	3.65041E-07	0.365041498
579265.014141376.41	579265.01	4141376	0.018002195	0.004773753	0.000397058	0.000396788	0.0001136	0.0001136	0.001514069	0.000109843	1.50549E-07	1.73551E-07	4.59637E-10	3.24559E-07	0.324559162
579285.014141376.41	579285.01	4141376	0.015951076	0.004305067	0.000361066	0.00036082	9.74847E-05	9.74847E-05	0.001379411	9.63489E-05	1.3372E-07	1.56886E-07	4.03171E-10	2.91009E-07	0.291008974
579305.014141376.41	579305.01	4141376	0.014247238	0.003904697	0.000329746	0.000329522	8.46691E-05	8.46691E-05	0.001262496	8.53279E-05	1.19693E-07	1.42599E-07	3.57054E-10	2.62648E-07	0.262648272
578385.014141396.41	578385.01	4141396	0.001195299	0.000537568	5.23396E-05	5.2304E-05	3.61618E-06	3.61618E-06	0.000249883	6.94287E-06	1.09462E-08	2.19741E-08	2.90523E-11	3.29493E-08	0.032949329
578405.014141396.41	578405.01	4141396	0.001300919	0.000593852	5.76735E-05	5.76342E-05	3.8804E-06	3.8804E-06	0.000279644	7.59184E-06	1.19513E-08	2.4326E-08	3.1768E-11	3.6309E-08	0.036309033
578425.014141396.41	578425.01	4141396	0.001422372	0.000660392	6.39014E-05	6.38579E-05	4.17651E-06	4.17651E-06	0.000315413	8.34706E-06	1.31148E-08	2.7105E-08	3.49282E-11	4.02548E-08	0.040254751
578445.014141396.41	578445.01	4141396	0.001568702	0.000742921	7.15566E-05	7.15079E-05	4.52547E-06	4.52547E-06	0.000360664	9.27124E-06	1.45269E-08	3.05593E-08	3.87954E-11	4.5125E-08	0.045124992
578465.014141396.41	578465.01	4141396	0.00174828	0.000847495	8.11801E-05	8.11249E-05	4.94184E-06	4.94184E-06	0.00041934	1.04233E-05	1.6274E-08	3.4953E-08	4.3616E-11	5.12706E-08	0.051270623
578485.014141396.41	578485.01	4141396	0.001958164	0.000974761	9.26968E-05	9.26337E-05	5.41197E-06	5.41197E-06	0.000492412	1.18006E-05	1.83376E-08	4.03019E-08	4.93793E-11	5.86889E-08	0.058688891
578505.014141396.41	578505.01	4141396	0.002205592	0.001131986	0.00010667	0.000106597	5.94497E-06	5.94497E-06	0.000585011	1.34684E-05	2.08014E-08	4.69161E-08	5.63586E-11	6.77738E-08	0.067773842
578525.014141396.41	578525.01	4141396	0.00254066	0.001354216	0.000126315	0.000126229	6.64105E-06	6.64105E-06	0.000719795	1.57827E-05	2.4178E-08	5.63375E-08	6.60427E-11	8.05815E-08	0.080581488
578545.014141396.41	578545.01	4141396	0.002921867	0.001625059	0.000149604	0.000149502	7.39181E-06	7.39181E-06	0.000888908	1.85374E-05	2.80971E-08	6.78099E-08	7.75693E-11	9.59846E-08	0.095984567
578565.014141396.41	578565.01	4141396	0.003432781	0.00201049	0.000182479	0.000182355	8.35029E-06	8.35029E-06	0.001137476	2.238E-05	3.34463E-08	8.42739E-08	9.36488E-11	1.17814E-07	0.117813885
578585.014141396.41	578585.01	4141396	0.004111285	0.002559929	0.000228959	0.000228803	9.54931E-06	9.54931E-06	0.001503836	2.7742E-05	4.07121E-08	1.07957E-07	1.16086E-10	1.48785E-07	0.148785443
578605.014141396.41	578605.01	4141396	0.005027266	0.003361718	0.000296639	0.000296437	1.10617E-05	1.10617E-05	0.002056614	3.54017E-05	5.07794E-08	1.42923E-07	1.48138E-10	1.9385E-07	0.193850329
578625.014141396.41	578625.01	4141396	0.006290189	0.004560002	0.000398583	0.000398312	1.29969E-05	1.29969E-05	0.002910034	4.66263E-05	6.50597E-08	1.9598E-07	1.95107E-10	2.61234E-07	0.261234358
578645.014141396.41	578645.01	4141396	0.008064931	0.006384115	0.000556894	0.000556515	1.54961E-05	1.54961E-05	0.004249013	6.341E-05	8.57311E-08	2.78283E-07	2.65338E-10	3.64279E-07	0.364279171
578665.014141396.41	578665.01	4141396	0.010613959	0.009208831	0.000810201	0.00080965	1.87697E-05	1.87697E-05	0.006379638	8.89965E-05	1.16303E-07	4.08624E-07	3.72405E-10	5.253E-07	0.52529957
579005.014141396.41	579005.01	4141396	0.426367378	0.058703933	0.003512479	0.003510089	0.002940763	0.002940763	0.009596886	0.0022093	3.3315E-06	1.81829E-06	9.24479E-09	5.15904E-06	5.159036465
579025.014141396.41	579025.01	4141396	0.326996885	0.044833353	0.002578915	0.00257716	0.003071677	0.003071677	0.007893237	0.00207131	2.55424E-06	1.47243E-06	8.66737E-09	4.03533E-06	4.035333245
579045.014141396.41	579045.01	4141396	0.230106553	0.0335462	0.001970981	0.001969639	0.002367246	0.002367246	0.0065301	0.001573792	1.80601E-06	1.13254E-06	6.58551E-09	2.94514E-06	2.945140878
579065.014141396.41	579065.01	4141396	0.157484292	0.02520045	0.001560896	0.001559833	0.001603858	0.001603858	0.005448201	0.001091182	1.24568E-06	8.60611E-07	4.56604E-09	2.11086E-06	2.110860747
579085.014141396.41	579085.01	4141396	0.109508594	0.019340256	0.001271882	0.001271016	0.001077667	0.001077667	0.00458896	0.000761185	8.74026E-07	6.68019E-07	3.18517E-09	1.54523E-06	1.5452301
579105.014141396.41	579105.01	4141396	0.079006989	0.015259035	0.001059571	0.00105885	0.000744254	0.000744254	0.003901868	0.000548236	6.36206E-07	5.3316E-07	2.29409E-09	1.17166E-06	1.171659992
579125.014141396.41	579125.01	4141396	0.059658302	0.012403311	0.000900193	0.000899581	0.000532566	0.000532566	0.003356162	0.000409407	4.84195E-07	4.37474E-07	1.71316E-09	9.23383E-07	0.923382661
579145.014141396.41	579145.01	4141396	0.046764906	0.010321274	0.000775869	0.000775341	0.000392922	0.000392922	0.002913946	0.000315129	3.82129E-07	3.66664E-07	1.31865E-09	7.50112E-07	0.750111898
579165.014141396.41	579165.01	4141396	0.037791797	0.008753226	0.000676486	0.000676026	0.000298454	0.000298454	0.002551717	0.000249317	3.10583E-07	3.12683E-07	1.04327E-09	6.24309E-07	0.624309129
579185.014141396.41	579185.01	4141396	0.031332095	0.007545252	0.000595937	0.000595531	0.000233386	0.000233386	0.002254236	0.000202424	2.58737E-07	2.7072E-07	8.47039E-10	5.30304E-07	0.530304401
579205.014141396.41	579205.01	4141396	0.026520932	0.006592698	0.000529707	0.000529346	0.000187421	0.000187421	0.002008014	0.000168128	2.19894E-07	2.37408E-07	7.03529E-10	4.58006E-07	0.45800612
579225.014141396.41	579225.01	4141396	0.02279108	0.005818122	0.000473956	0.000473634	0.000153682	0.000153682	0.001800191	0.000142111	1.89626E-07	2.10168E-07	5.94663E-10	4.00389E-07	0.400388509
579245.014141396.41	579245.01	4141396	0.019835175	0.005178726	0.000426598	0.000426307	0.000128378	0.000128378	0.001623661	0.000121956	1.65529E-07	1.87581E-07	5.10323E-10	3.5362E-07	0.353620021
579265.014141396.41	579265.01	4141396	0.017442429	0.004642853	0.00038594	0.000385677	0.000108953	0.000108953	0.001472385	0.000105999	1.45943E-07	1.6858E-07	4.43552E-10	3.14967E-07	0.31496659
579285.014141396.41	579285.01	4141396	0.015485056	0.004191206	0.000350984	0.000350745	9.38394E-05	9.38394E-05	0.001342703	9.32142E-05	1.29864E-07	1.52517E-07	3.90053E-10	2.82772E-07	0.282771811
579305.014141396.41	579305.01	4141396	0.013847146	0.003803433	0.000320476	0.000320258	8.17508E-05	8.17508E-05	0.001229763	8.27141E-05	1.16367E-07	1.3869E-07	3.46116E-10	2.55403E-07	0.255403064
578385.014141416.41	578385.01	4141416	0.001220064	0.000548066	5.36543E-05	5.36178E-05	3.68543E-06	3.68543E-06	0.000253889	7.07983E-06	1.11702E-08	2.24354E-08	2.96255E-11	3.36352E-08	0.033635241
578405.014141416.41	578405.01	4141416	0.00132625	0.000604108	5.90408E-05	5.90006E-05	3.95056E-06	3.95056E-06	0.00028318	7.72752E-06	1.21784E-08	2.47828E-08	3.23357E-11	3.69935E-08	0.036993512
578425.014141416.41	578425.01	4141416	0.001451095	0.000671617	6.5479E-05	6.54344E-05	4.25487E-06	4.25487E-06	0.000319137	8.4981E-06	1.33706E-08	2.76165E-08	3.55602E-11	4.10227E-08	0.041022689
578445.014141416.41	578445.01	4141416	0.00159867	0.000753661	7.32319E-05	7.31821E-05	4.60746E-06	4.60746E-06	0.000363668	9.42228E-06	1.47896E-08	3.10662E-08	3.94274E-11	4.58952E-08	0.045895211
578465.014141416.41	578465.01	4141416	0.001773158	0.000853875	8.25775E-05	8.25213E-05	5.012E-06	5.012E-06	0.000419246	1.05321E-05	1.64811E-08	3.52838E-08	4.40713E-11	5.1809E-08	0.051809018
578485.014141416.41	578485.01	4141416	0.001984286	0.000979525	9.41542E-05	9.40901E-05	5.4885E-06	5.4885E-06	0.000490691	1.19004E-05	1.85468E-08	4.05868E-08	4.97971E-11	5.91834E-08	0.059183404
578505.014141416.41	578505.01	4141416	0.002230923	0.001133197	0.000108015	0.000107941	6.02424E-06	6.02424E-06	0.000580223	1.35414E-05	2.09895E-08	4.70663E-08	5.66639E-11	6.81125E-08	0.068112524
578525.014141416.41	578525.01	4141416	0.002540886	0.001335805	0.000125985	0.000125899	6.67203E-06	6.67203E-06	0.000701957	1.5665E-05	2.41003E-08	5.56393E-08	6.55499E-11	7.98052E-08	0.079805192
578545.014141416.41	578545.01	4141416	0.002929896	0.001605759	0.000149424	0.000149322	7.45012E-06	7.45012E-06	0.000869505	1.84324E-05	2.8072E-08	6.7094E-08	7.71301E-11	9.52431E-08	0.095243072
578565.014141416.41	578565.01	4141416	0.003412538	0.001966238	0.000179917	0.000179795	8.36578E-06	8.36578E-06	0.001101332	2.20434E-05	3.31096E-08	8.24308E-08	9.22401E-11	1.15633E-07	0.115632589
578585.014141416.41	578585.01	4141416	0.004060623	0.002489674	0.000223407	0.000223255	9.52744E-06	9.52744E-06	0.001451231	2.71673E-05	4.00437E-08	1.04871E-07	1.13681E-10	1.45028E-07	0.145028044
578605.014141416.41	578605.01	4141416	0.004933972	0.003263039	0.000286632	0.000286437	1.09898E-05	1.09898E-05	0.001989707	3.45633E-05	4.96808E-08	1.38348E-07	1.4463E-10	1.88174E-07	0.188173887
578625.014141416.41	578625.01	4141416	0.006147251	0.00445139	0.000383168	0.000382907	1.28694E-05	1.28694E-05	0.002851765	4.56765E-05	6.35598E-08	1.90509E-07	1.91133E-10	2.5426E-07	0.254260108
578645.014141416.41	578645.01	4141416	0.007867486	0.006325489	0.000536633	0.000536268	1.53039E-05	1.53039E-05	0.004265943	6.28442E-05	8.40529E-08	2.74317E-07	2.62971E-10	3.58633E-07	0.358633332
578665.014141416.41	578665.01	4141416	0.010405658	0.009389554	0.000794891	0.00079435	1.85538E-05	1.85538E-05	0.006663068	9.0416E-05	1.15577E-07	4.14769E-07	3.78345E-10	5.30725E-07	0.530724713
579025.014141416.41	579025.01	4141416	0.36126306	0.045751829	0.002399877	0.002398244	0.003931315	0.003931315	0.00776972	0.002505168	2.80562E-06	1.53801E-06	1.04828E-08	4.35411E-06	4.354110608
579045.014141416.41	579045.01	4141416	0.233439706	0.032904785	0.001845469	0.001844213	0.002649623	0.002649623	0.006380013	0.001695141	1.82732E-06	1.12917E-06	7.0933E-09	2.96358E-06	2.963582527
579065.014141416.41	579065.01	4141416	0.150751944	0.024108437	0.001471963	0.001470961	0.001633375	0.001633375	0.005290917	0.001088656	1.19237E-06	8.31997E-07	4.55547E-09	2.02892E-06	2.028920159
579085.014141416.41	579085.01	4141416	0.10245848	0.018369694	0.001209446	0.001208623	0.001057819	0.001057819	0.004446353	0.000739743	8.18939E-07	6.40645E-07	3.09545E-09	1.46268E-06	1.462679643
579105.014141416.41	579105.01	4141416	0.073643411	0.014503274	0.001013888	0.001013198	0.000716483	0.000716483	0.003775096	0.000525949	5.94222E-07	5.10669E-07	2.20083E-09	1.10709E-06	1.107091897
579125.014141416.41	579125.01	4141416	0.055865461	0.011831342	0.000865065	0.000864476	0.000506353	0.000506353	0.00324438	0.000389882	4.54345E-07	4.19392E-07	1.63146E-09	8.75368E-07	0.875368025
579145.014141416.41	579145.01	4141416	0.044071017	0.009881174	0.000747434	0.000746925	0.000370709	0.000370709	0.002814744	0.000298989	3.60782E-07	3.51938E-07	1.25111E-09	7.1397E-07	0.713970306
579165.014141416.41	579165.01	4141416	0.035868011	0.008412128	0.000652942	0.000652497	0.000281114	0.000281114	0.002465502	0.000236673	2.95223E-07	3.00741E-07	9.90356E-10	5.96954E-07	0.596953857
579185.014141416.41	579185.01	4141416	0.029901242	0.00727126	0.000575713	0.000575321	0.000220038	0.000220038	0.002178755	0.000192525	2.47225E-07	2.6079E-07	8.05619E-10	5.0882E-07	0.508820196
579205.014141416.41	579205.01	4141416	0.025393936	0.006361505	0.000511602	0.000511253	0.000176961	0.000176961	0.001940513	0.000160181	2.10761E-07	2.28826E-07	6.70277E-10	4.40257E-07	0.440256856
579225.014141416.41	579225.01	4141416	0.021903144	0.00562464	0.000457962	0.000457651	0.000145762	0.000145762	0.001741639	0.000135883	1.82381E-07	2.02866E-07	5.68599E-10	3.85816E-07	0.385816281
579245.014141416.41	579245.01	4141416	0.019105443	0.005011488	0.000412144	0.000411863	0.000122249	0.000122249	0.001572088	0.000116943	1.59539E-07	1.81206E-07	4.89348E-10	3.41234E-07	0.341234428
579265.014141416.41	579265.01	4141416	0.016843875	0.00449976	0.000373086	0.000372832	0.000104288	0.000104288	0.001427948	0.000102014	1.41005E-07	1.63089E-07	4.26878E-10	3.04521E-07	0.304520948

579285.014141416.41	579285.01	4141416	0.014954127	0.004060226	0.000338934	0.000338703	9.00055E-05	9.00055E-05	0.001302083	8.98029E-05	1.25467E-07	1.47487E-07	3.75779E-10	2.73329E-07	0.273329321
579305.014141416.41	579305.01	4141416	0.013401369	0.003690461	0.000309793	0.000309582	7.8787E-05	7.8787E-05	0.001194901	7.99543E-05	1.12662E-07	1.34338E-07	3.34568E-10	2.47335E-07	0.247334809
578385.014141436.41	578385.01	4141436	0.001248335	0.000560986	5.51268E-05	5.50892E-05	3.76378E-06	3.76378E-06	0.000259428	7.24239E-06	1.143E-08	2.29907E-08	3.03057E-11	3.4451E-08	0.034451014
578405.014141436.41	578405.01	4141436	0.001357574	0.00061832	6.07236E-05	6.06822E-05	4.03529E-06	4.03529E-06	0.000289157	7.90673E-06	1.24658E-08	2.54023E-08	3.30856E-11	3.79011E-08	0.037901146
578425.014141436.41	578425.01	4141436	0.001484568	0.000686475	6.73346E-05	6.72888E-05	4.34507E-06	4.34507E-06	0.000325083	8.68627E-06	1.36763E-08	2.82746E-08	3.63476E-11	4.19872E-08	0.041987247
578445.014141436.41	578445.01	4141436	0.001636553	0.000769973	7.53805E-05	7.53292E-05	4.70769E-06	4.70769E-06	0.000370052	9.63093E-06	1.51333E-08	3.18059E-08	4.03005E-11	4.69796E-08	0.046979558
578465.014141436.41	578465.01	4141436	0.001813303	0.000870106	8.49138E-05	8.48561E-05	5.11768E-06	5.11768E-06	0.000425036	1.07445E-05	1.68409E-08	3.60432E-08	4.49604E-11	5.2929E-08	0.052929028
578485.014141436.41	578485.01	4141436	0.002023866	0.000993496	9.65056E-05	9.644E-05	5.59237E-06	5.59237E-06	0.000494352	1.2095E-05	1.88927E-08	4.12717E-08	5.06113E-11	6.02151E-08	0.060215087
578505.014141436.41	578505.01	4141436	0.002266318	0.001141757	0.000110148	0.000110073	6.12081E-06	6.12081E-06	0.000579722	1.36886E-05	2.1282E-08	4.75491E-08	5.72798E-11	6.88884E-08	0.068888353
578525.014141436.41	578525.01	4141436	0.002577752	0.001340811	0.000128186	0.000128099	6.7759E-06	6.7759E-06	0.00069792	1.57891E-05	2.43881E-08	5.60095E-08	6.60695E-11	8.04637E-08	0.080463696
578545.014141436.41	578545.01	4141436	0.002952626	0.001595585	0.000150611	0.000150508	7.5312E-06	7.5312E-06	0.000854328	1.84196E-05	2.81923E-08	6.68355E-08	7.70766E-11	9.51048E-08	0.095104802
578565.014141436.41	578565.01	4141436	0.003423508	0.001939428	0.000179977	0.000179855	8.43502E-06	8.43502E-06	0.001073574	2.18885E-05	3.30733E-08	8.14724E-08	9.1592E-11	1.14637E-07	0.11463733
578585.014141436.41	578585.01	4141436	0.004053612	0.002439446	0.000221454	0.000221303	9.58028E-06	9.58028E-06	0.001406574	2.68115E-05	3.97767E-08	1.02868E-07	1.12192E-10	1.42757E-07	0.142757199
578605.014141436.41	578605.01	4141436	0.00488806	0.003175988	0.000280472	0.000280281	1.09971E-05	1.09971E-05	0.001921173	3.38785E-05	4.89743E-08	1.34577E-07	1.41764E-10	1.83693E-07	0.183692821
578625.014141436.41	578625.01	4141436	0.006042309	0.004327596	0.000370171	0.000369919	1.28102E-05	1.28102E-05	0.002767365	4.46525E-05	6.22688E-08	1.8468E-07	1.86848E-10	2.47136E-07	0.247135715
578645.014141436.41	578645.01	4141436	0.00769198	0.006216554	0.000515208	0.000514857	1.51727E-05	1.51727E-05	0.004227577	6.19149E-05	8.23164E-08	2.68228E-07	2.59082E-10	3.50804E-07	0.350803785
579025.014141436.41	579025.01	4141436	0.382898421	0.045825798	0.002218645	0.002217136	0.004378864	0.004378864	0.007587839	0.002775582	2.96216E-06	1.54865E-06	1.16144E-08	4.52243E-06	4.522425648
579045.014141436.41	579045.01	4141436	0.226608975	0.031628172	0.001727899	0.001726723	0.00270639	0.00270639	0.006193219	0.001698923	1.7725E-06	1.09551E-06	7.10912E-09	2.87512E-06	2.875118573
579065.014141436.41	579065.01	4141436	0.139925386	0.022771663	0.001391346	0.001390399	0.001598861	0.001598861	0.005114388	0.001055573	1.10844E-06	7.95023E-07	4.41703E-09	1.90788E-06	1.907875133
579085.014141436.41	579085.01	4141436	0.094112309	0.01731192	0.00115021	0.001149427	0.001016174	0.001016174	0.004285095	0.000707456	7.54118E-07	6.10149E-07	2.96034E-09	1.36723E-06	1.367227588
579105.014141436.41	579105.01	4141436	0.068011936	0.013721188	0.000968091	0.000967433	0.000676498	0.000676498	0.003631488	0.000497283	5.5019E-07	4.86147E-07	2.08087E-09	1.03842E-06	1.038418048
579125.014141436.41	579125.01	4141436	0.052055998	0.011246211	0.000827893	0.00082733	0.000472788	0.000472788	0.003117827	0.000366385	4.24318E-07	3.9963E-07	1.53313E-09	8.25481E-07	0.825481275
579145.014141436.41	579145.01	4141436	0.041460019	0.009439298	0.000716768	0.00071628	0.000345345	0.000345345	0.002706623	0.000281102	3.40025E-07	3.36214E-07	1.17627E-09	6.77416E-07	0.677415651
579165.014141436.41	579165.01	4141436	0.033967519	0.00806134	0.000626618	0.000626192	0.000262167	0.000262167	0.002371839	0.000223022	2.79989E-07	2.87821E-07	9.33232E-10	5.68744E-07	0.568743667
579185.014141436.41	579185.01	4141436	0.02845173	0.006982893	0.00055265	0.000552274	0.000205969	0.000205969	0.002097484	0.000182054	2.35517E-07	2.49959E-07	7.61805E-10	4.86237E-07	0.486237279
579205.014141436.41	579205.01	4141436	0.02425337	0.006120217	0.00049125	0.000490916	0.000166542	0.000166542	0.001870414	0.000152109	2.01486E-07	2.1966E-07	6.365E-10	4.21783E-07	0.421782649
579225.014141436.41	579225.01	4141436	0.020968956	0.005416864	0.000439722	0.000439423	0.000137864	0.000137864	0.001680428	0.000129495	1.74741E-07	1.94935E-07	5.41871E-10	3.70218E-07	0.37021781
579245.014141436.41	579245.01	4141436	0.018332966	0.004832621	0.000395924	0.000395655	0.000116264	0.000116264	0.001519233	0.000111878	1.53191E-07	1.74366E-07	4.68153E-10	3.28025E-07	0.328024665
579265.014141436.41	579265.01	4141436	0.01617012	0.00433874	0.000358181	0.000357937	9.94864E-05	9.94864E-05	0.001380475	9.77698E-05	1.35446E-07	1.56941E-07	4.09116E-10	2.92796E-07	0.292796219
579285.014141436.41	579285.01	4141436	0.014387575	0.003921251	0.00032578	0.000325558	8.63027E-05	8.63027E-05	0.001261401	8.63775E-05	1.20777E-07	1.42181E-07	3.61446E-10	2.6332E-07	0.263319738
579305.014141436.41	579305.01	4141436	0.01289136	0.00356376	0.000297503	0.0002973	7.57002E-05	7.57002E-05	0.001157379	7.69911E-05	1.08434E-07	1.29466E-07	3.22168E-10	2.38222E-07	0.238221739
579325.014141436.41	579325.01	4141436	0.011612266	0.003251249	0.000272659	0.000272473	6.69244E-05	6.69244E-05	0.00106575	6.90524E-05	9.78518E-08	1.18363E-07	2.88949E-10	2.16503E-07	0.216503441
578385.014141456.41	578385.01	4141456	0.001281017	0.000576894	5.68246E-05	5.67859E-05	3.85398E-06	3.85398E-06	0.000266907	7.43696E-06	1.17345E-08	2.36689E-08	3.11199E-11	3.54346E-08	0.035434598
578405.014141456.41	578405.01	4141456	0.001392517	0.000635278	6.25867E-05	6.25441E-05	4.13096E-06	4.13096E-06	0.000296981	8.11409E-06	1.27911E-08	2.61314E-08	3.39533E-11	3.89565E-08	0.038956471
578425.014141456.41	578425.01	4141456	0.001521773	0.000704241	6.9378E-05	6.93308E-05	4.44529E-06	4.44529E-06	0.000333125	8.90515E-06	1.40214E-08	2.90516E-08	3.72635E-11	4.31103E-08	0.043110296
578445.014141456.41	578445.01	4141456	0.001675115	0.000788062	7.75741E-05	7.75213E-05	4.80973E-06	4.80973E-06	0.000377813	9.85365E-06	1.54897E-08	3.26072E-08	4.12325E-11	4.81382E-08	0.04813817
578465.014141456.41	578465.01	4141456	0.001854127	0.000888598	8.73329E-05	8.72734E-05	5.22519E-06	5.22519E-06	0.000432515	1.09762E-05	1.72153E-08	3.68841E-08	4.59299E-11	5.41453E-08	0.054145292
578485.014141456.41	578485.01	4141456	0.002069552	0.001013199	9.93078E-05	9.92402E-05	5.71081E-06	5.71081E-06	0.000501863	1.23459E-05	1.93075E-08	4.21983E-08	5.16611E-11	6.15574E-08	0.061557446
578505.014141456.41	578505.01	4141456	0.002311778	0.001158957	0.000113063	0.000112986	6.23835E-06	6.23835E-06	0.000584761	1.39203E-05	2.16843E-08	4.84083E-08	5.82493E-11	7.01508E-08	0.070150848
578525.014141456.41	578525.01	4141456	0.002634294	0.001360595	0.000131859	0.00013177	6.91985E-06	6.91985E-06	0.000703052	1.60618E-05	2.48816E-08	5.70417E-08	6.72103E-11	8.19904E-08	0.081990441
578545.014141456.41	578545.01	4141456	0.00299458	0.001600188	0.000153465	0.000153361	7.64692E-06	7.64692E-06	0.000848038	1.85527E-05	2.8515E-08	6.72675E-08	7.76336E-11	9.58601E-08	0.095860101
578565.014141456.41	578565.01	4141456	0.003473152	0.001938863	0.000183222	0.000183098	8.57351E-06	8.57351E-06	0.001061275	2.1996E-05	3.34293E-08	8.17746E-08	9.2042E-11	1.15296E-07	0.115295918
578585.014141456.41	578585.01	4141456	0.004093983	0.002417724	0.000223692	0.00022354	9.71239E-06	9.71239E-06	0.001377032	2.67449E-05	3.99746E-08	1.02329E-07	1.11914E-10	1.42416E-07	0.142415768
578605.014141456.41	578605.01	4141456	0.00489688	0.003111871	0.000279428	0.000279237	1.10918E-05	1.10918E-05	0.001859775	3.3442E-05	4.87618E-08	1.32182E-07	1.39938E-10	1.81084E-07	0.181083881
578625.014141456.41	578625.01	4141456	0.005998319	0.004206952	0.000362771	0.000362524	1.28457E-05	1.28457E-05	0.002668037	4.37181E-05	6.14316E-08	1.79557E-07	1.82938E-10	2.41172E-07	0.241171873
578645.014141456.41	578645.01	4141456	0.007574033	0.006065305	0.000497365	0.000497027	1.51362E-05	1.51362E-05	0.004129752	6.07053E-05	8.08133E-08	2.60879E-07	2.54021E-10	3.41946E-07	0.341946151
579045.014141456.41	579045.01	4141456	0.206577147	0.029519891	0.00161325	0.001612152	0.002526911	0.002526911	0.005950033	0.001585971	1.61877E-06	1.02696E-06	6.63647E-09	2.65237E-06	2.652369818
579065.014141456.41	579065.01	4141456	0.125256571	0.021168488	0.001310406	0.001309514	0.001520181	0.001520181	0.004902433	0.000999352	9.95611E-07	7.49589E-07	4.18178E-09	1.74938E-06	1.749382216
579085.014141456.41	579085.01	4141456	0.084678269	0.01614626	0.001086338	0.001085599	0.000944041	0.000944041	0.004090321	0.000658619	6.80978E-07	5.73552E-07	2.75598E-09	1.25729E-06	1.257285132
579105.014141456.41	579105.01	4141456	0.062166394	0.012896626	0.000916909	0.000916285	0.000619766	0.000619766	0.00346419	0.000459415	5.0443E-07	4.57786E-07	1.92241E-09	9.64138E-07	0.964138459
579125.014141456.41	579125.01	4141456	0.048212156	0.010637339	0.000785673	0.000785138	0.000431475	0.000431475	0.002976346	0.00033849	3.9394E-07	3.77476E-07	1.41641E-09	7.72833E-07	0.772832603
579145.014141456.41	579145.01	4141456	0.038780265	0.008971419	0.000681317	0.000680853	0.000316483	0.000316483	0.002588112	0.000261031	3.1866E-07	3.18695E-07	1.09228E-09	6.38447E-07	0.638447179
579165.014141456.41	579165.01	4141456	0.031973282	0.007683662	0.000596065	0.000595659	0.000241819	0.000241819	0.002271197	0.0002083	2.63963E-07	2.73511E-07	8.71629E-10	5.38345E-07	0.538345461
579185.014141456.41	579185.01	4141456	0.026905531	0.006670382	0.000526071	0.000525713	0.000191497	0.000191497	0.00201202	0.000171086	2.23006E-07	2.38076E-07	7.15907E-10	4.61798E-07	0.461797933
579205.014141456.41	579205.01	4141456	0.023008201	0.005855026	0.000467879	0.00046756	0.00015597	0.00015597	0.001797124	0.0001437	1.91353E-07	2.09589E-07	6.0131E-10	4.01543E-07	0.401543378
579225.014141456.41	579225.01	4141456	0.01994611	0.00518995	0.000419168	0.000418882	0.000129996	0.000129996	0.00161759	0.000122925	1.66378E-07	1.86338E-07	5.14378E-10	3.5323E-07	0.353230217
579245.014141456.41	579245.01	4141456	0.017451476	0.004630418	0.000377293	0.000377036	0.000110057	0.000110057	0.001463248	0.000106457	1.45955E-07	1.66733E-07	4.45469E-10	3.13133E-07	0.31313349
579265.014141456.41	579265.01	4141456	0.015419694	0.004161893	0.000341579	0.000341346	9.46239E-05	9.46239E-05	0.001331562	9.33358E-05	1.29266E-07	1.5027E-07	3.90562E-10	2.79927E-07	0.27992681
578385.014141476.41	578385.01	4141476	0.001314829	0.000593852	5.85675E-05	5.85276E-05	3.94873E-06	3.94873E-06	0.000275263	7.64304E-06	1.20517E-08	2.4389E-08	3.19822E-11	3.64727E-08	0.036472728
578405.014141476.41	578405.01	4141476	0.001430853	0.000654659	6.46226E-05	6.45786E-05	4.23573E-06	4.23573E-06	0.000306525	8.34834E-06	1.31514E-08	2.6962E-08	3.49335E-11	4.01484E-08	0.040148368
578425.014141476.41	578425.01	4141476	0.001564405	0.000725963	7.17069E-05	7.16581E-05	4.56009E-06	4.56009E-06	0.000343734	9.165E-06	1.44228E-08	2.99888E-08	3.83508E-11	4.445E-08	0.044449979
578445.014141476.41	578445.01	4141476	0.001717521	0.000809623	7.99931E-05	7.99387E-05	4.92362E-06	4.92362E-06	0.00038814	1.01122E-05	1.58888E-08	3.35523E-08	4.23144E-11	4.94834E-08	0.049483402
578465.014141476.41	578465.01	4141476	0.001901057	0.000912259	9.012E-05	9.00587E-05	5.34819E-06	5.34819E-06	0.000443656	1.12604E-05	1.76561E-08	3.79407E-08	4.7119E-11	5.56439E-08	0.055643942
578485.014141476.41	578485.01	4141476	0.002123832	0.001040251	0.000102673	0.000102604	5.8493E-06	5.8493E-06	0.00051438	1.2671E-05	1.98159E-08	4.34339E-08	5.30216E-11	6.33029E-08	0.063302894
578505.014141476.41	578505.01	4141476	0.00237601	0.00119045	0.000117203	0.000117123	6.3987E-06	6.3987E-06	0.000599125	1.42992E-05	2.22838E-08	4.98825E-08	5.98348E-11	7.22261E-08	0.072226119
578525.014141476.41	578525.01	4141476	0.002710512	0.001396692	0.000136983	0.00013689	7.10481E-06	7.10481E-06	0.000719044	1.64983E-05	2.55874E-08	5.879E-08	6.90368E-11	8.44465E-08	0.084446473
578545.014141476.41	578545.01	4141476	0.003060055	0.001625301	0.000158236	0.000158128	7.80909E-06	7.80909E-06	0.00085558	1.88855E-05	2.9096E-08	6.86212E-08	7.90262E-11	9.77962E-08	0.097796188
578565.014141476.41	578565.01	4141476	0.003536479	0.001953802	0.000188158	0.00018803	8.73387E-06	8.73387E-06	0.001059429	2.22507E-05	3.39509E-08	8.28169E-08	9.31078E-11	1.16861E-07	0.116860967
578585.014141476.41	578585.01	4141476	0.004146002	0.002408841	0.000228057	0.000227902	9.85817E-06	9.85817E-06	0.001354939	2.67987E-05	4.0312E-08	1.02507E-07	1.12139E-10	1.42931E-07	0.142931299

578605.014141476.41	578605.01	4141476	0.00494381	0.003071817	0.000283184	0.000282991	1.12421E-05	1.12421E-05	0.001809735	3.32461E-05	4.89282E-08	1.31221E-07	1.39118E-10	1.80288E-07	0.180287979
578625.014141476.41	578625.01	4141476	0.006018448	0.004105528	0.000363124	0.000362877	1.29732E-05	1.29732E-05	0.002567396	4.30089E-05	6.11401E-08	1.76051E-07	1.7997E-10	2.37371E-07	0.237370884
578645.014141476.41	578645.01	4141476	0.007544631	0.00589193	0.00048947	0.000489137	1.52237E-05	1.52237E-05	0.003980479	5.93907E-05	7.98543E-08	2.53865E-07	2.4852E-10	3.33968E-07	0.333968046
579065.014141476.41	579065.01	4141476	0.107487216	0.019307551	0.001217529	0.001216701	0.001379679	0.001379679	0.004636152	0.000910024	8.5929E-07	6.91252E-07	3.80798E-09	1.55435E-06	1.554349137
579085.014141476.41	579085.01	4141476	0.07512108	0.014951449	0.001014474	0.001013783	0.000846044	0.000846044	0.003873453	0.000595953	6.06822E-07	5.31829E-07	2.49376E-09	1.14114E-06	1.141144874
579105.014141476.41	579105.01	4141476	0.056237169	0.012039037	0.000857988	0.000857404	0.000550279	0.000550279	0.003281432	0.000414423	4.57923E-07	4.25884E-07	1.73415E-09	8.85542E-07	0.885541873
579125.014141476.41	579125.01	4141476	0.044134231	0.009974928	0.000735932	0.000735432	0.000383952	0.000383952	0.002821316	0.000306734	3.61642E-07	3.52361E-07	1.28353E-09	7.15286E-07	0.715286182
579145.014141476.41	579145.01	4141476	0.035826848	0.00844669	0.000639299	0.000638864	0.000284859	0.000284859	0.002459118	0.000238906	2.95075E-07	2.98805E-07	9.99697E-10	5.9488E-07	0.594879732
579165.014141476.41	579165.01	4141476	0.029780129	0.007265688	0.000560861	0.000560479	0.000220935	0.000220935	0.002166175	0.000192869	2.46327E-07	2.57752E-07	8.0706E-10	5.04885E-07	0.504885464
579185.014141476.41	579185.01	4141476	0.025134635	0.006312569	0.000495067	0.00049473	0.000176396	0.000176396	0.001920767	0.000159331	2.08678E-07	2.24689E-07	6.6672E-10	4.34033E-07	0.434033116
579205.014141476.41	579205.01	4141476	0.021563326	0.00554954	0.000440781	0.000440481	0.000144878	0.000144878	0.001718701	0.000134615	1.79604E-07	1.98224E-07	5.63296E-10	3.78391E-07	0.378391167
579225.014141476.41	579225.01	4141476	0.018744253	0.004926375	0.000395346	0.000395077	0.000121574	0.000121574	0.001549682	0.000115702	1.56564E-07	1.76567E-07	4.84152E-10	3.33616E-07	0.333615558
578385.014141496.41	578385.01	4141496	0.001350111	0.000612102	6.04156E-05	6.03744E-05	4.04531E-06	4.04531E-06	0.000284619	7.86065E-06	1.23851E-08	2.51675E-08	3.28928E-11	3.75854E-08	0.03758543
578405.014141496.41	578405.01	4141496	0.001471676	0.000675897	6.68162E-05	6.67707E-05	4.34689E-06	4.34689E-06	0.00031751	8.6005E-06	1.35376E-08	2.78782E-08	3.59887E-11	4.14518E-08	0.0414518
578425.014141496.41	578425.01	4141496	0.001609413	0.000749785	7.4216E-05	7.41655E-05	4.68035E-06	4.68035E-06	0.000356095	9.4466E-06	1.48504E-08	3.1026E-08	3.95292E-11	4.59159E-08	0.045915921
578445.014141496.41	578445.01	4141496	0.001768861	0.000837078	8.29381E-05	8.28816E-05	5.05755E-06	5.05755E-06	0.00040241	1.04348E-05	1.63777E-08	3.47576E-08	4.36642E-11	5.1179E-08	0.051179033
578465.014141496.41	578465.01	4141496	0.001957712	0.000943025	9.35157E-05	9.3452E-05	5.49306E-06	5.49306E-06	0.000459616	1.16175E-05	1.81977E-08	3.93078E-08	4.86134E-11	5.75541E-08	0.05755413
578485.014141496.41	578485.01	4141496	0.002186707	0.001074813	0.000106632	0.00010656	6.00692E-06	6.00692E-06	0.000532249	1.30691E-05	2.04188E-08	4.49945E-08	5.46874E-11	6.5468E-08	0.065467952
578505.014141496.41	578505.01	4141496	0.002446913	0.001229615	0.000121905	0.000121822	6.57272E-06	6.57272E-06	0.000619309	1.47498E-05	2.29644E-08	5.1689E-08	6.17202E-11	7.47151E-08	0.074715139
578525.014141496.41	578525.01	4141496	0.002795552	0.001443609	0.000142948	0.000142851	7.30798E-06	7.30798E-06	0.000743109	1.70346E-05	2.64035E-08	6.10122E-08	7.12811E-11	8.7487E-08	0.087486957
578545.014141496.41	578545.01	4141496	0.003153576	0.001675772	0.000165245	0.000165133	8.02776E-06	8.02776E-06	0.000880896	1.94679E-05	2.99886E-08	7.11073E-08	8.14633E-11	1.01177E-07	0.101177409
578565.014141496.41	578565.01	4141496	0.003628755	0.001999185	0.000195828	0.000195695	8.94889E-06	8.94889E-06	0.001079614	2.27934E-05	3.48127E-08	8.52435E-08	9.53789E-11	1.20152E-07	0.120151584
578585.014141496.41	578585.01	4141496	0.004238392	0.002443726	0.000236704	0.000236543	1.00741E-05	1.00741E-05	0.001364577	2.72633E-05	4.11294E-08	1.04741E-07	1.14083E-10	1.45984E-07	0.145984336
578605.014141496.41	578605.01	4141496	0.005028171	0.003076824	0.000292417	0.000292218	1.14481E-05	1.14481E-05	0.001792179	3.34676E-05	4.95589E-08	1.32568E-07	1.40045E-10	1.82267E-07	0.182266607
578625.014141496.41	578625.01	4141496	0.006083358	0.004043268	0.000371884	0.000371631	1.31582E-05	1.31582E-05	0.00248891	4.26672E-05	6.13406E-08	1.75076E-07	1.7854E-10	2.36595E-07	0.236595212
578645.014141496.41	578645.01	4141496	0.007593823	0.005721623	0.000496299	0.000495961	1.54086E-05	1.54086E-05	0.003802259	5.81593E-05	7.9476E-08	2.489E-07	2.43367E-10	3.2862E-07	0.32861956
579085.014141496.41	579085.01	4141496	0.065280277	0.013673221	0.000930228	0.000929595	0.000729417	0.000729417	0.003635994	0.000522717	5.30259E-07	4.8442E-07	2.1873E-09	1.01687E-06	1.01686705
579105.014141496.41	579105.01	4141496	0.050008497	0.011113212	0.000790338	0.0007898	0.000475701	0.000475701	0.003090977	0.000366124	4.08961E-07	3.90913E-07	1.53204E-09	8.01406E-07	0.801405654
579125.014141496.41	579125.01	4141496	0.039746116	0.00924961	0.000679529	0.000679066	0.000336241	0.000336241	0.002662874	0.000274264	3.26833E-07	3.25251E-07	1.14765E-09	6.53231E-07	0.653230773
579145.014141496.41	579145.01	4141496	0.032555212	0.007859702	0.000591662	0.00059126	0.000253503	0.000253503	0.002326369	0.000216318	2.68923E-07	2.77162E-07	9.05181E-10	5.4699E-07	0.546990084
579165.014141496.41	579165.01	4141496	0.027257901	0.006783516	0.000520429	0.000520075	0.000199538	0.000199538	0.002054799	0.000176564	2.26038E-07	2.40141E-07	7.38832E-10	4.66918E-07	0.466917899
579185.014141496.41	579185.01	4141496	0.023160639	0.005915752	0.000460862	0.000460548	0.000161432	0.000161432	0.001827948	0.000147288	1.92715E-07	2.10278E-07	6.16323E-10	4.0361E-07	0.403609666
579205.014141496.41	579205.01	4141496	0.019958324	0.005213045	0.000411152	0.000410872	0.000133742	0.000133742	0.001638745	0.000125221	1.66566E-07	1.86024E-07	5.23987E-10	3.53113E-07	0.353113213
578385.014141516.41	578385.01	4141516	0.001381774	0.000628899	6.21359E-05	6.20936E-05	4.13096E-06	4.13096E-06	0.000293538	8.06033E-06	1.26861E-08	2.58949E-08	3.37284E-11	3.86147E-08	0.038614679
578405.014141516.41	578405.01	4141516	0.001511595	0.000697377	6.90399E-05	6.89929E-05	4.45167E-06	4.45167E-06	0.000328994	8.85267E-06	1.39184E-08	2.88143E-08	3.70439E-11	4.27698E-08	0.042769764
578425.014141516.41	578425.01	4141516	0.00165883	0.000776756	7.70558E-05	7.70033E-05	4.80791E-06	4.80791E-06	0.000370678	9.75893E-06	1.53234E-08	3.22139E-08	4.08361E-11	4.75782E-08	0.047578186
578445.014141516.41	578445.01	4141516	0.001824951	0.00086841	8.62886E-05	8.62299E-05	5.19968E-06	5.19968E-06	0.000419466	1.07945E-05	1.69177E-08	3.61495E-08	4.51693E-11	5.31124E-08	0.053112366
578465.014141516.41	578465.01	4141516	0.00202183	0.000979606	9.74973E-05	9.74309E-05	5.65159E-06	5.65159E-06	0.000479769	1.20335E-05	1.88182E-08	4.09511E-08	5.03542E-11	5.98197E-08	0.059819687
578485.014141516.41	578485.01	4141516	0.00225795	0.001116562	0.000111305	0.00011123	6.18003E-06	6.18003E-06	0.000555501	1.35401E-05	2.1113E-08	4.68993E-08	5.66585E-11	6.8069E-08	0.068068983
578505.014141516.41	578505.01	4141516	0.002530483	0.001279843	0.000127683	0.000127596	6.77043E-06	6.77043E-06	0.000647599	1.53091E-05	2.37842E-08	5.40164E-08	6.40609E-11	7.78646E-08	0.077864609
578525.014141516.41	578525.01	4141516	0.002899928	0.001507888	0.000150603	0.000150501	7.54487E-06	7.54487E-06	0.000779973	1.77399E-05	2.7434E-08	6.40542E-08	7.42324E-11	9.15625E-08	0.091562462
578545.014141516.41	578545.01	4141516	0.003266773	0.00174756	0.00017423	0.000174111	8.28013E-06	8.28013E-06	0.000922361	2.025E-05	3.11152E-08	7.45917E-08	8.4736E-11	1.05792E-07	0.105791643
578565.014141516.41	578565.01	4141516	0.003767962	0.002089385	0.000207743	0.000207602	9.24773E-06	9.24773E-06	0.001132626	2.3765E-05	3.62064E-08	8.97588E-08	9.94443E-11	1.26065E-07	0.12606462
578585.014141516.41	578585.01	4141516	0.004390603	0.002543132	0.000251421	0.00025125	1.03912E-05	1.03912E-05	0.001423222	2.83334E-05	4.26566E-08	1.10016E-07	1.18561E-10	1.52791E-07	0.152791153
578605.014141516.41	578605.01	4141516	0.005193952	0.003179945	0.000311063	0.000310851	1.17842E-05	1.17842E-05	0.001851263	3.45927E-05	5.12001E-08	1.38624E-07	1.44753E-10	1.89969E-07	0.189969185
578625.014141516.41	578625.01	4141516	0.006269156	0.004135164	0.000396653	0.000396383	1.35226E-05	1.35226E-05	0.002532972	4.37321E-05	6.3078E-08	1.81779E-07	1.82997E-10	2.4504E-07	0.245039636
578645.014141516.41	578645.01	4141516	0.007781429	0.00572235	0.000528287	0.000527927	1.57722E-05	1.57722E-05	0.003755036	5.84704E-05	8.08338E-08	2.537E-07	2.44669E-10	3.34779E-07	0.334778573
579085.014141516.41	579085.01	4141516	0.055021515	0.012237526	0.000834489	0.000833921	0.000600329	0.000600329	0.003385892	0.000442383	4.50001E-07	4.31588E-07	1.85114E-09	8.83439E-07	0.883439269
579105.014141516.41	579105.01	4141516	0.043282708	0.010062948	0.000713958	0.000713473	0.00040176	0.00040176	0.00289276	0.000317251	3.55872E-07	3.52905E-07	1.32753E-09	7.10105E-07	0.710104529
579125.014141516.41	579125.01	4141516	0.035002013	0.008440634	0.000617595	0.000617175	0.000291486	0.000291486	0.002503462	0.000242643	2.89093E-07	2.9654E-07	1.01534E-09	5.86648E-07	0.586648377
579145.014141516.41	579145.01	4141516	0.028995665	0.007209404	0.000539871	0.000539504	0.000223865	0.000223865	0.002192681	0.000194082	2.4042E-07	2.54253E-07	8.12132E-10	4.95484E-07	0.49548443
579165.014141516.41	579165.01	4141516	0.024489264	0.006248774	0.000476413	0.000476089	0.000178635	0.000178635	0.001940513	0.000160042	2.03743E-07	2.21301E-07	6.69693E-10	4.25714E-07	0.425713741
578385.014141536.41	578385.01	4141536	0.001419658	0.000649652	6.43146E-05	6.42708E-05	4.22753E-06	4.22753E-06	0.000304804	8.30098E-06	1.3049E-08	2.68087E-08	3.47353E-11	3.98925E-08	0.039892469
578405.014141536.41	578405.01	4141536	0.001551853	0.000719987	7.14514E-05	7.14028E-05	4.55189E-06	4.55189E-06	0.000341449	9.11123E-06	1.43065E-08	2.9821E-08	3.81258E-11	4.41656E-08	0.044165626
578425.014141536.41	578425.01	4141536	0.001706891	0.000804293	8.00157E-05	7.99612E-05	4.92544E-06	4.92544E-06	0.000386012	1.00725E-05	1.57891E-08	3.34479E-08	4.21484E-11	4.92791E-08	0.049279124
578445.014141536.41	578445.01	4141536	0.001887826	0.000904991	9.02703E-05	9.02088E-05	5.35002E-06	5.35002E-06	0.000440151	1.12041E-05	1.75292E-08	3.78053E-08	4.68833E-11	5.53814E-08	0.055381439
578465.014141536.41	578465.01	4141536	0.002094996	0.001023374	0.000102328	0.000102258	5.82288E-06	5.82288E-06	0.000504898	1.25187E-05	1.9535E-08	4.29533E-08	5.23842E-11	6.25407E-08	0.062540679
578485.014141536.41	578485.01	4141536	0.002342424	0.001168809	0.000117165	0.000117085	6.37137E-06	6.37137E-06	0.000586044	1.4111E-05	2.1948E-08	4.9319E-08	5.90474E-11	7.13261E-08	0.071326069
578505.014141536.41	578505.01	4141536	0.002629205	0.001343234	0.000134947	0.000134855	6.98727E-06	6.98727E-06	0.000685434	1.59927E-05	2.477E-08	5.69989E-08	6.69211E-11	8.18359E-08	0.081835884
578525.014141536.41	578525.01	4141536	0.003032124	0.001595423	0.000160858	0.000160748	7.82458E-06	7.82458E-06	0.000833799	1.86692E-05	2.87656E-08	6.82519E-08	7.8121E-11	9.70956E-08	0.097095611
578545.014141536.41	578545.01	4141536	0.003406884	0.001846321	0.000186122	0.000185996	8.56622E-06	8.56622E-06	0.000984386	2.1283E-05	3.25522E-08	7.94172E-08	8.90585E-11	1.12058E-07	0.112058482
578565.014141536.41	578565.01	4141536	0.003945956	0.002221496	0.000224091	0.000223938	9.59668E-06	9.59668E-06	0.001218246	2.51231E-05	3.80606E-08	9.63585E-08	1.05127E-10	1.34524E-07	0.134524247
578585.014141536.41	578585.01	4141536	0.004611456	0.002717961	0.000273891	0.000273704	1.08039E-05	1.08039E-05	0.001540763	3.00986E-05	4.50043E-08	1.19007E-07	1.25947E-10	1.64137E-07	0.164136865
578605.014141536.41	578605.01	4141536	0.00545642	0.00340484	0.000341842	0.000341609	1.22471E-05	1.22471E-05	0.002009329	3.68238E-05	5.40639E-08	1.50703E-07	1.54089E-10	2.04922E-07	0.20492152
578625.014141536.41	578625.01	4141536	0.006593933	0.004434674	0.000441593	0.000441292	1.40593E-05	1.40593E-05	0.00275394	4.66544E-05	6.67131E-08	1.98854E-07	1.95225E-10	2.65762E-07	0.26576249
578645.014141536.41	578645.01	4141536	0.008144768	0.00606474	0.000593706	0.000593302	1.63216E-05	1.63216E-05	0.004017938	6.17869E-05	8.4932E-08	2.76082E-07	2.58547E-10	3.61273E-07	0.361273027
578665.014141536.41	578665.01	4141536	0.010371281	0.008956318	0.000845893	0.000845317	1.92325E-05	1.92325E-05	0.006454556	8.78841E-05	1.13463E-07	4.1458E-07	3.6775E-10	5.28411E-07	0.528410678
579105.014141536.41	579105.01	4141536	0.036386049	0.008896561	0.00063247	0.00063204	0.000334422	0.000334422	0.002691696	0.000270828	3.0105E-07	3.13384E-07	1.13328E-09	6.15567E-07	0.615567186
579125.014141536.41	579125.01	4141536	0.030050626	0.007551067	0.000551448	0.000551073	0.000250005	0.000250005	0.002339669	0.000212008	2.49509E-07	2.66455E-07	8.87146E-10	5.16851E-07	0.516850893

579185.014141536.41	579185.01	4141536	0.018645191	0.004998002	0.00038425	0.000383988	0.000130618	0.000130618	0.001628637	0.000121558	1.56158E-07	1.78209E-07	5.08657E-10	3.34875E-07	0.334875254
578385.014141556.41	578385.01	4141556	0.001463308	0.00067412	6.69815E-05	6.69359E-05	4.3314E-06	4.3314E-06	0.000318386	8.57874E-06	1.34696E-08	2.79109E-08	3.58976E-11	4.14164E-08	0.041416368
578405.014141556.41	578405.01	4141556	0.001601836	0.000748816	7.46067E-05	7.45559E-05	4.66851E-06	4.66851E-06	0.000357628	9.43508E-06	1.47915E-08	3.11259E-08	3.9481E-11	4.59569E-08	0.04595691
578425.014141556.41	578425.01	4141556	0.001762302	0.00083724	8.36668E-05	8.36098E-05	5.05117E-06	5.05117E-06	0.000404883	1.04373E-05	1.63311E-08	3.49563E-08	4.36749E-11	5.13311E-08	0.051331057
578445.014141556.41	578445.01	4141556	0.001952171	0.000944479	9.46951E-05	9.46307E-05	5.49124E-06	5.49124E-06	0.000463183	1.16367E-05	1.81639E-08	3.96317E-08	4.86937E-11	5.78443E-08	0.057844348
578465.014141556.41	578465.01	4141556	0.002176869	0.001074894	0.00010815	0.000108076	5.99781E-06	5.99781E-06	0.000535473	1.30755E-05	2.03481E-08	4.53575E-08	5.47142E-11	6.57603E-08	0.06576032
578485.014141556.41	578485.01	4141556	0.002438432	0.001231876	0.00012437	0.000124285	6.56999E-06	6.56999E-06	0.000624285	1.47818E-05	2.29129E-08	5.22953E-08	6.18541E-11	7.52701E-08	0.075270086
578505.014141556.41	578505.01	4141556	0.002748509	0.001424713	0.000144345	0.000144247	7.22507E-06	7.22507E-06	0.000736005	1.68464E-05	2.59824E-08	6.08883E-08	7.04937E-11	8.69412E-08	0.086941222
578525.014141556.41	578525.01	4141556	0.003163075	0.001691841	0.000172209	0.000172092	8.07149E-06	8.07149E-06	0.000895605	1.96587E-05	3.01264E-08	7.29429E-08	8.22614E-11	1.03152E-07	0.103151575
578545.014141556.41	578545.01	4141556	0.00358126	0.001979966	0.000202011	0.000201874	8.8842E-06	8.8842E-06	0.001072666	2.26334E-05	3.4387E-08	8.60113E-08	9.47094E-11	1.20493E-07	0.120492992
578565.014141556.41	578565.01	4141556	0.004160024	0.002398747	0.000245539	0.000245372	9.96477E-06	9.96477E-06	0.001339949	2.68793E-05	4.03698E-08	1.05284E-07	1.12476E-10	1.45767E-07	0.145766689
578585.014141556.41	578585.01	4141556	0.004885346	0.002965063	0.000304256	0.000304049	1.12467E-05	1.12467E-05	0.001717919	3.24973E-05	4.80462E-08	1.31718E-07	1.35985E-10	1.799E-07	0.179899973
578605.014141556.41	578605.01	4141556	0.005830616	0.003775816	0.000387833	0.000387569	1.28147E-05	1.28147E-05	0.00228819	4.03541E-05	5.83637E-08	1.70176E-07	1.68861E-10	2.28709E-07	0.228708854
578625.014141556.41	578625.01	4141556	0.00707341	0.004981286	0.00051061	0.000510262	1.47207E-05	1.47207E-05	0.003190617	5.17451E-05	7.25296E-08	2.2841E-07	2.16527E-10	3.01156E-07	0.30115592
578645.014141556.41	578645.01	4141556	0.008774534	0.006918372	0.000703531	0.000703052	1.70942E-05	1.70942E-05	0.004749937	6.95836E-05	9.3156E-08	3.23852E-07	2.91172E-10	4.17299E-07	0.417298802
578665.014141556.41	578665.01	4141556	0.011194533	0.010338071	0.001030024	0.001029324	2.00935E-05	2.00935E-05	0.007741524	0.00010033	1.25359E-07	4.95615E-07	4.19829E-10	6.21394E-07	0.621393849
578685.014141556.41	578685.01	4141556	0.014874063	0.017350358	0.00164146	0.001640343	2.4014E-05	2.4014E-05	0.014356117	0.000162333	1.8213E-07	8.48899E-07	6.79281E-10	1.03171E-06	1.031708535
579165.014141556.41	579165.01	4141556	0.018690199	0.005086264	0.000383836	0.000383575	0.000137556	0.000137556	0.001702084	0.000126491	1.56863E-07	1.81643E-07	5.293E-10	3.39035E-07	0.339034764
579185.014141556.41	579185.01	4141556	0.016333526	0.004511712	0.000344892	0.000344657	0.000114827	0.000114827	0.001523676	0.000108243	1.37371E-07	1.6152E-07	4.52941E-10	2.99344E-07	0.299344421
579205.014141556.41	579205.01	4141556	0.014398431	0.004031558	0.000311604	0.000311392	9.74282E-05	9.74282E-05	0.001372557	9.38657E-05	1.21331E-07	1.44687E-07	3.9278E-10	2.6641E-07	0.266409964
578385.014141576.41	578385.01	4141576	0.001515327	0.000704322	7.03396E-05	7.02917E-05	4.44802E-06	4.44802E-06	0.000335253	8.91411E-06	1.39752E-08	2.9285E-08	3.7301E-11	4.32976E-08	0.043297554
578405.014141576.41	578405.01	4141576	0.001661318	0.000784266	7.85808E-05	7.85273E-05	4.79789E-06	4.79789E-06	0.000377782	9.82421E-06	1.53737E-08	3.27529E-08	4.11093E-11	4.81678E-08	0.048167775
578425.014141576.41	578425.01	4141576	0.001832188	0.000880119	8.85048E-05	8.84446E-05	5.19877E-06	5.19877E-06	0.000429699	1.0902E-05	1.70204E-08	3.69402E-08	4.56193E-11	5.40062E-08	0.054006226
578445.014141576.41	578445.01	4141576	0.002033591	0.000996322	0.000100585	0.000100516	5.65797E-06	5.65797E-06	0.000493789	1.2191E-05	1.89751E-08	4.20518E-08	5.1013E-11	6.10779E-08	0.061077915
578465.014141576.41	578465.01	4141576	0.002268354	0.001136023	0.000115152	0.000115073	6.17639E-06	6.17639E-06	0.000572431	1.37181E-05	2.1272E-08	4.82416E-08	5.7403E-11	6.9571E-08	0.069570976
578485.014141576.41	578485.01	4141576	0.002550046	0.001309479	0.000133332	0.000133241	6.77954E-06	6.77954E-06	0.000672415	1.55856E-05	2.40531E-08	5.59991E-08	6.52178E-11	8.01174E-08	0.080117374
578505.014141576.41	578505.01	4141576	0.002894161	0.001529933	0.000156531	0.000156424	7.48929E-06	7.48929E-06	0.000802849	1.79204E-05	2.74873E-08	6.59541E-08	7.49876E-11	9.35165E-08	0.093516458
578525.014141576.41	578525.01	4141576	0.003340843	0.001828636	0.000188166	0.000188038	8.3758E-06	8.3758E-06	0.000985356	2.10283E-05	3.19992E-08	7.96178E-08	8.79926E-11	1.11705E-07	0.111704976
578545.014141576.41	578545.01	4141576	0.003821903	0.002173933	0.000224609	0.000224456	9.28053E-06	9.28053E-06	0.001203476	2.45484E-05	3.696E-08	9.55563E-08	1.02722E-10	1.32619E-07	0.132619061
578565.014141576.41	578565.01	4141576	0.004457209	0.002659173	0.000275964	0.000275777	1.04203E-05	1.04203E-05	0.00152255	2.93984E-05	4.36373E-08	1.18283E-07	1.23017E-10	1.62044E-07	0.162043553
578585.014141576.41	578585.01	4141576	0.005266213	0.003332405	0.000347003	0.000346766	1.17861E-05	1.17861E-05	0.001986453	3.59803E-05	5.23785E-08	1.50287E-07	1.50559E-10	2.02816E-07	0.202815766
578605.014141576.41	578605.01	4141576	0.006325358	0.004313303	0.000449556	0.00044925	1.34507E-05	1.34507E-05	0.00269977	4.53462E-05	6.42511E-08	1.97647E-07	1.89751E-10	2.62088E-07	0.262087846
578625.014141576.41	578625.01	4141576	0.007754515	0.005830881	0.000604817	0.000604405	1.55107E-05	1.55107E-05	0.00387314	5.9488E-05	8.11069E-08	2.7199E-07	2.48927E-10	3.53346E-07	0.353346235
578645.014141576.41	578645.01	4141576	0.00976956	0.008385399	0.000854405	0.000853823	1.81246E-05	1.81246E-05	0.005984081	8.27358E-05	1.06659E-07	3.98277E-07	3.46207E-10	5.05283E-07	0.505283
578665.014141576.41	578665.01	4141576	0.012637147	0.012983597	0.001265481	0.00126462	2.13645E-05	2.13645E-05	0.010036317	0.000123672	1.4717E-07	6.24707E-07	5.17506E-10	7.72395E-07	0.772394615
578685.014141576.41	578685.01	4141576	0.017008864	0.021963252	0.001967871	0.001966531	2.55292E-05	2.55292E-05	0.018067405	0.000201708	2.17413E-07	1.05097E-06	8.44045E-10	1.26923E-06	1.269229969
578705.014141576.41	578705.01	4141576	0.02427169	0.036653145	0.003111942	0.003109825	3.11024E-05	3.11024E-05	0.029324378	0.000324506	3.33126E-07	1.69984E-06	1.35789E-09	2.03433E-06	2.034327713
579145.014141576.41	579145.01	4141576	0.018217394	0.005080531	0.000376241	0.000375985	0.000141487	0.000141487	0.001771557	0.00012904	1.53424E-07	1.82346E-07	5.39964E-10	3.3631E-07	0.33630967
579165.014141576.41	579165.01	4141576	0.015982513	0.004509047	0.000338746	0.000338516	0.000117444	0.000117444	0.00157794	0.000109895	1.34825E-07	1.62E-07	4.59856E-10	2.97285E-07	0.297284904
579185.014141576.41	579185.01	4141576	0.014136981	0.004033093	0.000306533	0.000306324	9.92341E-05	9.92341E-05	0.001415274	9.50587E-05	1.19449E-07	1.45031E-07	3.97772E-10	2.64878E-07	0.264878073
579205.014141576.41	579205.01	4141576	0.012587842	0.003626747	0.000278699	0.000278509	8.5049E-05	8.5049E-05	0.001277142	8.31045E-05	1.06513E-07	1.30647E-07	3.4775E-10	2.37509E-07	0.237508623
579225.014141576.41	579225.01	4141576	0.011277763	0.003279109	0.000254486	0.000254313	7.37586E-05	7.37586E-05	0.001158788	7.3352E-05	9.55564E-08	1.18354E-07	3.0694E-10	2.14217E-07	0.214217489
579245.014141576.41	579245.01	4141576	0.010157778	0.002976287	0.000233316	0.000233157	6.46047E-05	6.46047E-05	0.001056581	6.5188E-05	8.61651E-08	1.07727E-07	2.72778E-10	1.94164E-07	0.194164489
579265.014141576.41	579265.01	4141576	0.0092012	0.002718849	0.000214655	0.000214509	5.70753E-05	5.70753E-05	0.000967424	5.84819E-05	7.81492E-08	9.85385E-08	2.44717E-10	1.76932E-07	0.176932416
578385.014141596.41	578385.01	4141596	0.001576279	0.00074066	7.44489E-05	7.43983E-05	4.57649E-06	4.57649E-06	0.00035572	9.31092E-06	1.45719E-08	3.09542E-08	3.89614E-11	4.5565E-08	0.045564998
578405.014141596.41	578405.01	4141596	0.001736293	0.000829891	8.37569E-05	8.36999E-05	4.95277E-06	4.95277E-06	0.000403912	1.0317E-05	1.61116E-08	3.4862E-08	4.31714E-11	5.10168E-08	0.051016763
578425.014141596.41	578425.01	4141596	0.001918132	0.000934385	9.46876E-05	9.46232E-05	5.36915E-06	5.36915E-06	0.000461337	1.14806E-05	1.78747E-08	3.94662E-08	4.80403E-11	5.73889E-08	0.057388915
578445.014141596.41	578445.01	4141596	0.002136158	0.001063346	0.00010824	0.000108167	5.85386E-06	5.85386E-06	0.000533658	1.2895E-05	2.00044E-08	4.51935E-08	5.3959E-11	6.52519E-08	0.065251886
578465.014141596.41	578465.01	4141596	0.002392068	0.001220086	0.00012479	0.000124705	6.40417E-06	6.40417E-06	0.000623565	1.45885E-05	2.25273E-08	5.22155E-08	6.10453E-11	7.48039E-08	0.074803885
578485.014141596.41	578485.01	4141596	0.002699883	0.001416153	0.000145585	0.000145486	7.04285E-06	7.04285E-06	0.00073879	1.66724E-05	2.55945E-08	6.10806E-08	6.97653E-11	8.67448E-08	0.086744815
578505.014141596.41	578505.01	4141596	0.003085839	0.001672542	0.000172893	0.000172775	7.81274E-06	7.81274E-06	0.000893821	1.93515E-05	2.94856E-08	7.27974E-08	8.09759E-11	1.02364E-07	0.102363955
578525.014141596.41	578525.01	4141596	0.003571987	0.002012428	0.000209216	0.000209073	8.74024E-06	8.74024E-06	0.00110612	2.2837E-05	3.44598E-08	8.85134E-08	9.5561E-11	1.23069E-07	0.123068778
578545.014141596.41	578545.01	4141596	0.004127117	0.002429917	0.000253705	0.000253532	9.7379E-06	9.7379E-06	0.001376313	2.70303E-05	4.02664E-08	1.08016E-07	1.13108E-10	1.48396E-07	0.148395745
578565.014141596.41	578565.01	4141596	0.004864538	0.003024416	0.000316885	0.000316669	1.09952E-05	1.09952E-05	0.001776282	3.28813E-05	4.81516E-08	1.36122E-07	1.37592E-10	1.84411E-07	0.184411282
578585.014141596.41	578585.01	4141596	0.005799517	0.003852611	0.000403917	0.000403642	1.24794E-05	1.24794E-05	0.00235879	4.08521E-05	5.84699E-08	1.75703E-07	1.70945E-10	2.34343E-07	0.234343377
578605.014141596.41	578605.01	4141596	0.00702795	0.005069468	0.000529038	0.000528678	1.42743E-05	1.42743E-05	0.003256053	5.22994E-05	7.25811E-08	2.34347E-07	2.18846E-10	3.07147E-07	0.307147278
578625.014141596.41	578625.01	4141596	0.00871098	0.006970861	0.000716933	0.000716445	1.65074E-05	1.65074E-05	0.004724933	6.97884E-05	9.29232E-08	3.26192E-07	2.92029E-10	4.19407E-07	0.419406997
578645.014141596.41	578645.01	4141596	0.01110056	0.010107684	0.001007449	0.001006764	1.93264E-05	1.93264E-05	0.007243541	9.80117E-05	1.23688E-07	4.76405E-07	4.10129E-10	6.00503E-07	0.600503093
578665.014141596.41	578665.01	4141596	0.014665536	0.015482073	0.001464638	0.001463641	2.29754E-05	2.29754E-05	0.011605276	0.000145282	1.72577E-07	7.27279E-07	6.0793E-10	9.00464E-07	0.900463949
578685.014141596.41	578685.01	4141596	0.020142198	0.023981171	0.002154	0.002152534	2.76749E-05	2.76749E-05	0.018102141	0.000218109	2.48729E-07	1.10755E-06	9.12674E-10	1.35719E-06	1.357188111
578705.014141596.41	578705.01	4141596	0.028839495	0.034524999	0.003085536	0.003083436	3.372E-05	3.372E-05	0.024525841	0.000307448	3.56942E-07	1.55227E-06	1.28651E-09	1.9105E-06	1.910501742
578725.014141596.41	578725.01	4141596	0.043916205	0.045789379	0.004246789	0.004243899	4.22562E-05	4.22562E-05	0.027922028	0.000406213	5.14323E-07	1.97111E-06	1.69979E-09	2.48714E-06	2.487136396
578745.014141596.41	578745.01	4141596	0.069904172	0.05686601	0.005578846	0.005575049	5.4681E-05	5.4681E-05	0.026545528	0.000506308	7.49681E-07	2.2999E-06	2.11864E-09	3.0517E-06	3.051695305
579105.014141596.41	579105.01	4141596	0.019706372	0.005610589	0.000400717	0.000400444	0.000172992	0.000172992	0.002089066	0.000152656	1.66459E-07	2.03768E-07	6.38787E-10	3.70866E-07	0.370865796
579145.014141596.41	579145.01	4141596	0.015240116	0.004424903	0.00032617	0.000325948	0.00011665	0.00011665	0.001624537	0.000108958	1.29102E-07	1.59881E-07	4.55935E-10	2.89439E-07	0.289439296
579165.014141596.41	579165.01	4141596	0.013552789	0.003965099	0.000296278	0.000296077	9.85188E-05	9.85188E-05	0.001450542	9.41537E-05	1.14938E-07	1.43234E-07	3.93985E-10	2.58566E-07	0.258566014
579185.014141596.41	579185.01	4141596	0.012126572	0.00357337	0.000270225	0.000270041	8.44094E-05	8.44094E-05	0.001304023	8.23352E-05	1.02953E-07	1.29129E-07	3.44531E-10	2.32427E-07	0.232426535
579205.014141596.41	579205.01	4141596	0.01090877	0.003237037	0.000247394	0.000247226	7.31873E-05	7.31873E-05	0.001179254	7.27158E-05	9.27109E-08	1.17055E-07	3.04278E-10	2.1007E-07	0.210070472
579225.014141596.41	579225.01	4141596	0.009862855	0.002944713	0.000227306	0.000227151	6.41E-05	6.41E-05	0.001072197	6.47195E-05	8.38996E-08	1.06622E-07	2.70818E-10	1.90793E-07	0.19079279

579245.014141596.41	579245.01	4141596	0.008958182	0.002689375	0.000209561	0.000209419	5.66353E-05	5.66353E-05	0.000979535	5.79904E-05	7.62675E-08	9.7545E-08	2.4266E-10	1.74055E-07	0.174055109
579265.014141596.41	579265.01	4141596	0.008169194	0.002468275	0.000193747	0.000193616	5.03969E-05	5.03969E-05	0.000898515	5.23608E-05	6.96182E-08	8.96059E-08	2.19103E-10	1.59443E-07	0.159443157
579285.014141596.41	579285.01	4141596	0.007466942	0.002262114	0.000179631	0.000179509	4.50806E-05	4.50806E-05	0.000827352	4.72304E-05	6.36595E-08	8.24845E-08	1.97635E-10	1.46342E-07	0.146341565
579305.014141596.41	579305.01	4141596	0.006869745	0.002092373	0.000167131	0.000167017	4.07091E-05	4.07091E-05	0.000765077	4.31203E-05	5.86162E-08	7.63656E-08	1.80436E-10	1.35162E-07	0.135162272
579325.014141596.41	579325.01	4141596	0.006334066	0.001938863	0.000155809	0.000155703	3.68825E-05	3.68825E-05	0.000709405	3.94812E-05	5.40871E-08	7.08589E-08	1.65208E-10	1.25111E-07	0.12511118
579345.014141596.41	579345.01	4141596	0.005858773	0.001805056	0.000145555	0.000145456	3.35606E-05	3.35606E-05	0.000659491	3.6395E-05	5.00788E-08	6.59537E-08	1.52295E-10	1.16185E-07	0.116184817
578385.014141616.41	578385.01	4141616	0.001645939	0.000783297	7.9302E-05	7.9248E-05	4.71498E-06	4.71498E-06	0.000379816	9.76917E-06	1.52585E-08	3.29192E-08	4.0879E-11	4.82186E-08	0.04821863
578405.014141616.41	578405.01	4141616	0.001821672	0.000883511	8.98571E-05	8.97959E-05	5.1186E-06	5.1186E-06	0.000434674	1.08879E-05	1.6959E-08	3.73433E-08	4.55603E-11	5.43479E-08	0.054347945
578425.014141616.41	578425.01	4141616	0.002026241	0.001003832	0.000102583	0.000102513	5.57506E-06	5.57506E-06	0.000501831	1.22102E-05	1.89544E-08	4.26945E-08	5.10934E-11	6.17E-08	0.061700027
578445.014141616.41	578445.01	4141616	0.002264848	0.001149024	0.000117999	0.000117919	6.08892E-06	6.08892E-06	0.000584604	1.37833E-05	2.13027E-08	4.92025E-08	5.76762E-11	7.05629E-08	0.070562855
578465.014141616.41	578465.01	4141616	0.002549141	0.001328698	0.000137141	0.000137047	6.67932E-06	6.67932E-06	0.000689377	1.56983E-05	2.41293E-08	5.73223E-08	6.56892E-11	8.15173E-08	0.081517312
578485.014141616.41	578485.01	4141616	0.00289303	0.001555289	0.000161354	0.000161244	7.36629E-06	7.36629E-06	0.00082488	1.8074E-05	2.75884E-08	6.76546E-08	7.56304E-11	9.53186E-08	0.095318621
578505.014141616.41	578505.01	4141616	0.00332275	0.001851731	0.000193094	0.000192962	8.1872E-06	8.1872E-06	0.001007105	2.11281E-05	3.1968E-08	8.13002E-08	8.84104E-11	1.13357E-07	0.113356681
578525.014141616.41	578525.01	4141616	0.003888509	0.00226171	0.00023705	0.000236888	9.21948E-06	9.21948E-06	0.001267065	2.52754E-05	3.7819E-08	1.00372E-07	1.05765E-10	1.38297E-07	0.13829689
578545.014141616.41	578545.01	4141616	0.004511037	0.002751877	0.000289006	0.000288809	1.02764E-05	1.02764E-05	0.001587798	3.01242E-05	4.44253E-08	1.23295E-07	1.26054E-10	1.67846E-07	0.167845848
578565.014141616.41	578565.01	4141616	0.00537466	0.003474448	0.000364988	0.000364739	1.16649E-05	1.16649E-05	0.002076079	3.71438E-05	5.37734E-08	1.57344E-07	1.55428E-10	2.11273E-07	0.211272647
578585.014141616.41	578585.01	4141616	0.006476665	0.004481914	0.000468743	0.000468424	1.33012E-05	1.33012E-05	0.002780383	4.67248E-05	6.60698E-08	2.04972E-07	1.9552E-10	2.71238E-07	0.271237667
578605.014141616.41	578605.01	4141616	0.007951394	0.005960973	0.000616356	0.000615936	1.53066E-05	1.53066E-05	0.003845758	6.05056E-05	8.30888E-08	2.74769E-07	2.53185E-10	3.58111E-07	0.35811081
578625.014141616.41	578625.01	4141616	0.009983855	0.008198862	0.000829959	0.000829394	1.78021E-05	1.78021E-05	0.005491137	8.09451E-05	1.07403E-07	3.79348E-07	3.38714E-10	4.8709E-07	0.487090258
578645.014141616.41	578645.01	4141616	0.012827241	0.011580526	0.001136349	0.001135576	2.08917E-05	2.08917E-05	0.00797867	0.000111234	1.425E-07	5.34291E-07	4.65459E-10	6.77256E-07	0.677255736
578665.014141616.41	578665.01	4141616	0.017059526	0.016643856	0.001577543	0.00157647	2.49297E-05	2.49297E-05	0.011529356	0.000155806	1.94868E-07	7.58577E-07	6.51969E-10	9.54097E-07	0.954096798
578685.014141616.41	578685.01	4141616	0.023552136	0.023475743	0.00218061	0.002179126	3.03007E-05	3.03007E-05	0.015677947	0.000215322	2.71174E-07	1.04645E-06	9.01014E-10	1.31853E-06	1.318528411
578705.014141616.41	578705.01	4141616	0.033606103	0.031300075	0.002930418	0.002928423	3.74902E-05	3.74902E-05	0.019009575	0.000284181	3.7747E-07	1.35147E-06	1.18915E-09	1.73013E-06	1.730133323
578725.014141616.41	578725.01	4141616	0.048961565	0.039237138	0.00376979	0.003767224	4.72053E-05	4.72053E-05	0.020273229	0.00035574	5.22533E-07	1.62246E-06	1.48859E-09	2.14648E-06	2.146482648
578745.014141616.41	578745.01	4141616	0.072369179	0.047563184	0.004678946	0.004675761	6.13202E-05	6.13202E-05	0.019950086	0.000433585	7.27412E-07	1.87093E-06	1.81433E-09	2.60015E-06	2.600153857
579065.014141616.41	579065.01	4141616	0.020850331	0.00610552	0.000412023	0.000411743	0.000205904	0.000205904	0.002514071	0.000176055	1.7685E-07	2.25241E-07	7.367E-10	4.02828E-07	0.402828162
579085.014141616.41	579085.01	4141616	0.018151918	0.005368978	0.000372154	0.000371901	0.000163777	0.000163777	0.002162138	0.000145186	1.54194E-07	1.96811E-07	6.07528E-10	3.51613E-07	0.351612572
579105.014141616.41	579105.01	4141616	0.015986697	0.004767131	0.000337544	0.000337315	0.000133979	0.000133979	0.001884027	0.000122397	1.35967E-07	1.73939E-07	5.12171E-10	3.10418E-07	0.31041832
579125.014141616.41	579125.01	4141616	0.014202457	0.004267194	0.000307254	0.000307045	0.000111826	0.000111826	0.001658961	0.000104987	1.2093E-07	1.55083E-07	4.39315E-10	2.76453E-07	0.276452541
579165.014141616.41	579165.01	4141616	0.011437777	0.003467261	0.000257356	0.000257181	8.15422E-05	8.15422E-05	0.001320734	7.98391E-05	9.75222E-08	1.25753E-07	3.34086E-10	2.23609E-07	0.223609047
579185.014141616.41	579185.01	4141616	0.010345158	0.003149905	0.000236621	0.00023646	7.08722E-05	7.08722E-05	0.001190676	7.07471E-05	8.82659E-08	1.14191E-07	2.9604E-10	2.02753E-07	0.202752781
579205.014141616.41	579205.01	4141616	0.009399889	0.002871713	0.000218238	0.00021809	6.22267E-05	6.22267E-05	0.001079895	6.31041E-05	8.02422E-08	1.04175E-07	2.64058E-10	1.84681E-07	0.184680954
579225.014141616.41	579225.01	4141616	0.008576184	0.002628407	0.000201876	0.000201739	5.51092E-05	5.51092E-05	0.000984667	5.6613E-05	7.32466E-08	9.54513E-08	2.36897E-10	1.68935E-07	0.168934762
579245.014141616.41	579245.01	4141616	0.007852785	0.002413686	0.000187227	0.000187099	4.91551E-05	4.91551E-05	0.000901926	5.11153E-05	6.70983E-08	8.77818E-08	2.13891E-10	1.55094E-07	0.155094008
579265.014141616.41	579265.01	4141616	0.007214199	0.002224887	0.000174065	0.000173946	4.41185E-05	4.41185E-05	0.00082948	4.64215E-05	6.16742E-08	8.1015E-08	1.9425E-10	1.42883E-07	0.14288344
579285.014141616.41	579285.01	4141616	0.006621413	0.002045133	0.000161857	0.000161747	3.96477E-05	3.96477E-05	0.000764232	4.20643E-05	5.66196E-08	7.47614E-08	1.76017E-10	1.31557E-07	0.131557035
579305.014141616.41	579305.01	4141616	0.006129044	0.001899052	0.000151354	0.000151251	3.60288E-05	3.60288E-05	0.000708591	3.86031E-05	5.24352E-08	6.95068E-08	1.61534E-10	1.22104E-07	0.122103584
579325.014141616.41	579325.01	4141616	0.005691522	0.00176896	0.000141851	0.000141755	3.29101E-05	3.29101E-05	0.000659147	3.55822E-05	4.87157E-08	6.48134E-08	1.48893E-10	1.13678E-07	0.113677924
579345.014141616.41	579345.01	4141616	0.005292222	0.001654372	0.000133009	0.000132918	3.01257E-05	3.01257E-05	0.000613989	3.29901E-05	4.53389E-08	6.05472E-08	1.38047E-10	1.06024E-07	0.106024125
578385.014141636.41	578385.01	4141636	0.001732222	0.000836513	8.53345E-05	8.52765E-05	4.88171E-06	4.88171E-06	0.000409764	1.03362E-05	1.61107E-08	3.53635E-08	4.32518E-11	5.15174E-08	0.051517443
578405.014141636.41	578405.01	4141636	0.001924126	0.000948597	9.72343E-05	9.71682E-05	5.30993E-06	5.30993E-06	0.000471852	1.15727E-05	1.79792E-08	4.03451E-08	4.84259E-11	5.83727E-08	0.05837266
578425.014141636.41	578425.01	4141636	0.002149955	0.001084746	0.000111733	0.000111657	5.79828E-06	5.79828E-06	0.000548773	1.30512E-05	2.01962E-08	4.64389E-08	5.46124E-11	6.66898E-08	0.066689765
578445.014141636.41	578445.01	4141636	0.002419773	0.001253033	0.000129718	0.00012963	6.36043E-06	6.36043E-06	0.000645847	1.48522E-05	2.28693E-08	5.40289E-08	6.21487E-11	7.69604E-08	0.076960359
578465.014141636.41	578465.01	4141636	0.00274342	0.001462989	0.000152181	0.000152077	7.00823E-06	7.00823E-06	0.000769646	1.70628E-05	2.61105E-08	6.35647E-08	7.13989E-11	8.97466E-08	0.089746631
578485.014141636.41	578485.01	4141636	0.003129489	0.001725031	0.00018021	0.000180087	7.74623E-06	7.74623E-06	0.000927744	1.97739E-05	3.00269E-08	7.55478E-08	8.27435E-11	1.05657E-07	0.105657421
578505.014141636.41	578505.01	4141636	0.00361462	0.002069358	0.000216976	0.000216828	8.63182E-06	8.63182E-06	0.001140512	2.32773E-05	3.50129E-08	9.13995E-08	9.74036E-11	1.2651E-07	0.12650974
578525.014141636.41	578525.01	4141636	0.004231154	0.002529646	0.00026583	0.000265649	9.69873E-06	9.69873E-06	0.00143186	2.78777E-05	4.14472E-08	1.12697E-07	1.16654E-10	1.54261E-07	0.154260583
578545.014141636.41	578545.01	4141636	0.004984407	0.003128667	0.000328687	0.000328463	1.09196E-05	1.09196E-05	0.001820657	3.37505E-05	4.94662E-08	1.40504E-07	1.41228E-10	1.90111E-07	0.19011134
578565.014141636.41	578565.01	4141636	0.005980113	0.003967199	0.000415246	0.000414964	1.2432E-05	1.2432E-05	0.002376533	4.183E-05	6.02675E-08	1.79435E-07	1.75037E-10	2.39878E-07	0.239877882
578585.014141636.41	578585.01	4141636	0.007310434	0.005155953	0.000535033	0.000534669	1.4308E-05	1.4308E-05	0.003177317	5.30827E-05	7.49933E-08	2.34376E-07	2.22124E-10	3.09591E-07	0.309591261
578605.014141636.41	578605.01	4141636	0.00906957	0.006824538	0.000697867	0.000697392	1.65739E-05	1.65739E-05	0.004310412	6.86018E-05	9.48822E-08	3.10696E-07	2.87063E-10	4.05866E-07	0.405865561
578625.014141636.41	578625.01	4141636	0.01145621	0.009177822	0.000919681	0.000919055	1.9361E-05	1.9361E-05	0.005893172	9.01446E-05	1.22251E-07	4.16449E-07	3.77209E-10	5.39077E-07	0.539077355
578645.014141636.41	578645.01	4141636	0.014835501	0.012476069	0.001222014	0.001221182	2.29298E-05	2.29298E-05	0.008013	0.000119959	1.60858E-07	5.6056E-07	5.01967E-10	7.2192E-07	0.721919648
578665.014141636.41	578665.01	4141636	0.019670072	0.016785253	0.001616	0.0016149	2.75236E-05	2.75236E-05	0.010490331	0.00015863	2.14327E-07	7.41282E-07	6.63785E-10	9.56272E-07	0.95627213
578685.014141636.41	578685.01	4141636	0.026853173	0.022012027	0.002109722	0.002108286	3.37583E-05	3.37583E-05	0.012847994	0.000205831	2.88705E-07	9.47192E-07	8.61297E-10	1.23676E-06	1.236758742
578705.014141636.41	578705.01	4141636	0.03743513	0.027711928	0.00267645	0.002674629	4.22817E-05	4.22817E-05	0.014394609	0.000258536	3.89664E-07	1.15137E-06	1.08184E-09	1.54212E-06	1.542117504
578725.014141636.41	578725.01	4141636	0.052504941	0.033360389	0.003253343	0.003251129	5.38327E-05	5.38327E-05	0.014807784	0.000312945	5.22807E-07	1.32867E-06	1.30951E-09	1.85279E-06	1.852786859
579045.014141636.41	579045.01	4141636	0.019015881	0.005839279	0.000370562	0.00037031	0.000192417	0.000192417	0.002602132	0.000163572	1.62458E-07	2.15551E-07	6.84466E-10	3.78693E-07	0.378692998
579065.014141636.41	579065.01	4141636	0.01656761	0.005107018	0.000337687	0.000337457	0.000152203	0.000152203	0.002214868	0.000134836	1.41626E-07	1.8778E-07	5.64218E-10	3.2997E-07	0.329970096
579085.014141636.41	579085.01	4141636	0.014630141	0.004529719	0.000308877	0.000308666	0.000124307	0.000124307	0.001914852	0.000114103	1.25149E-07	1.65892E-07	4.77462E-10	2.91519E-07	0.291518812
579105.014141636.41	579105.01	4141636	0.013042101	0.00405538	0.000283417	0.000283224	0.000104048	0.000104048	0.001676454	9.82805E-05	1.1164E-07	1.48066E-07	4.11254E-10	2.60117E-07	0.260116947
579125.014141636.41	579125.01	4141636	0.011723993	0.003652588	0.000260842	0.000260664	8.8709E-05	8.8709E-05	0.00148362	8.56671E-05	1.00387E-07	1.33194E-07	3.58473E-10	2.33939E-07	0.23393946
579165.014141636.41	579165.01	4141636	0.009643359	0.003017633	0.00022252	0.000222369	6.69372E-05	6.69372E-05	0.00119052	6.73102E-05	8.26287E-08	1.09775E-07	2.81659E-10	1.92685E-07	0.192685171
579185.014141636.41	579185.01	4141636	0.008812417	0.002759387	0.000206369	0.000206228	5.90944E-05	5.90944E-05	0.00107808	6.01843E-05	7.55165E-08	1.00424E-07	2.51841E-10	1.76192E-07	0.176192461
579205.014141636.41	579205.01	4141636	0.00808065	0.002532554	0.000191749	0.000191619	5.25426E-05	5.25426E-05	0.000981413	5.42232E-05	6.92557E-08	9.22196E-08	2.26896E-10	1.61702E-07	0.161702186
579225.014141636.41	579225.01	4141636	0.007434148	0.002331157	0.000178557	0.000178436	4.70413E-05	4.70413E-05	0.000897858	4.91057E-05	6.372E-08	8.4987E-08	2.05482E-10	1.48913E-07	0.148912542
579245.014141636.41	579245.01	4141636	0.006859341	0.002154068	0.000166597	0.000166484	4.2361E-05	4.2361E-05	0.000824974	4.47293E-05	5.88068E-08	7.85921E-08	1.87169E-10	1.37586E-07	0.137586052
579265.014141636.41	579265.01	4141636	0.006345148	0.001993047	0.000155772	0.000155666	3.8353E-05	3.8353E-05	0.000761103	4.0847E-05	5.44005E-08	7.28736E-08	1.70924E-10	1.27445E-07	0.127445024
579285.014141636.41	579285.01	4141636	0.005873587	0.001846967	0.000145788	0.000145688	3.48034E-05	3.48034E-05	0.000704085	3.73998E-05	5.03663E-08	6.76881E-08	1.56499E-10	1.18211E-07	0.118210934

579305.014141636.41	579305.01	4141636	0.005464223	0.001721316	0.000136855	0.000136762	3.18149E-05	3.18149E-05	0.000654108	3.44967E-05	4.68692E-08	6.31473E-08	1.44351E-10	1.10161E-07	0.11016087
579325.014141636.41	579325.01	4141636	0.005093873	0.001607859	0.000128682	0.000128594	2.91909E-05	2.91909E-05	0.00060942	3.19175E-05	4.37064E-08	5.90461E-08	1.33558E-10	1.02886E-07	0.102886031
579345.014141636.41	579345.01	4141636	0.004761066	0.001506434	0.000121184	0.000121102	2.6905E-05	2.6905E-05	0.00056927	2.9648E-05	4.08664E-08	5.53458E-08	1.24062E-10	9.63363E-08	0.096336254
578385.014141656.41	578385.01	4141656	0.001838747	0.000902165	9.27043E-05	9.26412E-05	5.08397E-06	5.08397E-06	0.000446441	1.10326E-05	1.71627E-08	3.83582E-08	4.61656E-11	5.5567E-08	0.055567049
578405.014141656.41	578405.01	4141656	0.002051572	0.001029027	0.000106234	0.000106162	5.54408E-06	5.54408E-06	0.000517291	1.24163E-05	1.92458E-08	4.40199E-08	5.19557E-11	6.33177E-08	0.063317661
578425.014141656.41	578425.01	4141656	0.00229866	0.001181325	0.000122506	0.000122423	6.05977E-06	6.05977E-06	0.00060385	1.40521E-05	2.16859E-08	5.08561E-08	5.8801E-11	7.26009E-08	0.072600884
578445.014141656.41	578445.01	4141656	0.002599351	0.00137287	0.000142986	0.000142888	6.66383E-06	6.66383E-06	0.000714819	1.60797E-05	2.46821E-08	5.95049E-08	6.72853E-11	8.42543E-08	0.08425426
578465.014141656.41	578465.01	4141656	0.002974225	0.001619891	0.000169384	0.000169269	7.38816E-06	7.38816E-06	0.000860618	1.86551E-05	2.84529E-08	7.07183E-08	7.80621E-11	9.92492E-08	0.099249224
578485.014141656.41	578485.01	4141656	0.003418306	0.001925619	0.000201921	0.000201784	8.20451E-06	8.20451E-06	0.001044533	2.17873E-05	3.29763E-08	8.465E-08	9.11689E-11	1.17717E-07	0.117717472
578505.014141656.41	578505.01	4141656	0.0039956	0.002337214	0.000245524	0.000245357	9.21857E-06	9.21857E-06	0.001296513	2.59423E-05	3.89175E-08	1.0347E-07	1.08555E-10	1.42496E-07	0.142496018
578525.014141656.41	578525.01	4141656	0.004676479	0.002849264	0.00029911	0.000298907	1.03401E-05	1.03401E-05	0.001615337	3.10189E-05	4.60393E-08	1.26881E-07	1.29798E-10	1.7305E-07	0.173049755
578545.014141656.41	578545.01	4141656	0.005556387	0.003538404	0.000370291	0.000370039	1.17086E-05	1.17086E-05	0.002050199	3.77493E-05	5.5361E-08	1.58344E-07	1.57961E-10	2.13863E-07	0.213862727
578565.014141656.41	578565.01	4141656	0.00671007	0.004476665	0.000465422	0.000465105	1.33924E-05	1.33924E-05	0.002646413	4.6776E-05	6.77326E-08	2.00935E-07	1.95734E-10	2.68863E-07	0.268863182
578585.014141656.41	578585.01	4141656	0.008233087	0.005753924	0.000592008	0.000591605	1.54651E-05	1.54651E-05	0.003456522	5.88966E-05	8.4231E-08	2.58311E-07	2.46452E-10	3.42788E-07	0.342788144
578605.014141656.41	578605.01	4141656	0.010274933	0.007488564	0.000759695	0.000759178	1.80445E-05	1.80445E-05	0.004537419	7.51568E-05	1.06446E-07	3.34935E-07	3.14493E-10	4.41695E-07	0.441695087
578625.014141656.41	578625.01	4141656	0.013085186	0.009824971	0.000980622	0.000979955	2.13481E-05	2.13481E-05	0.005928534	9.6875E-05	1.36801E-07	4.35574E-07	4.05372E-10	5.72781E-07	0.572780527
578645.014141656.41	578645.01	4141656	0.016879609	0.012763062	0.001255895	0.001255041	2.54627E-05	2.54627E-05	0.007525063	0.000124063	1.76854E-07	5.57802E-07	5.19139E-10	7.35175E-07	0.735174785
578665.014141656.41	578665.01	4141656	0.022157244	0.016272315	0.001588482	0.001587401	3.083E-05	3.083E-05	0.009113956	0.000156748	2.30076E-07	6.96532E-07	6.55911E-10	9.27264E-07	0.927264112
578685.014141656.41	578685.01	4141656	0.029791663	0.020314694	0.00197817	0.001976824	3.83649E-05	3.83649E-05	0.010429621	0.000195319	3.02613E-07	8.44737E-07	8.17312E-10	1.14817E-06	1.148166968
578705.014141656.41	578705.01	4141656	0.040045789	0.024275514	0.002365695	0.002364085	4.81757E-05	4.81757E-05	0.011047584	0.000234893	3.93714E-07	9.74359E-07	9.82906E-10	1.36906E-06	1.369055745
578725.014141656.41	578725.01	4141656	0.054437775	0.028342199	0.002728955	0.002727098	6.23689E-05	6.23689E-05	0.011265954	0.000278624	5.15149E-07	1.09097E-06	1.1659E-09	1.60729E-06	1.607285077
579005.014141656.41	579005.01	4141656	0.020486992	0.006556521	0.000361629	0.000361383	0.000228022	0.000228022	0.003212022	0.000188531	1.76169E-07	2.40513E-07	7.88907E-10	4.17471E-07	0.417470822
579025.014141656.41	579025.01	4141656	0.017474092	0.005584748	0.000329416	0.000329192	0.000175495	0.000175495	0.002644317	0.00015041	1.50229E-07	2.04515E-07	6.29387E-10	3.55373E-07	0.355372857
579045.014141656.41	579045.01	4141656	0.015168986	0.004849256	0.000301995	0.00030179	0.000139614	0.000139614	0.002229733	0.000123992	1.30416E-07	1.77502E-07	5.18845E-10	3.08437E-07	0.308436998
579065.014141656.41	579065.01	4141656	0.013372419	0.004281971	0.000278135	0.000277946	0.000114082	0.000114082	0.001914883	0.000104965	1.15001E-07	1.56517E-07	4.39224E-10	2.71957E-07	0.271957338
579085.014141656.41	579085.01	4141656	0.011919063	0.003824187	0.000257048	0.000256873	9.54156E-05	9.54156E-05	0.001668505	9.05069E-05	1.02535E-07	1.39645E-07	3.78725E-10	2.42559E-07	0.242558766
579105.014141656.41	579105.01	4141656	0.01072874	0.003448042	0.000238237	0.000238074	8.1391E-05	8.1391E-05	0.001471259	7.92567E-05	9.23197E-08	1.25778E-07	3.31649E-10	2.1843E-07	0.218429757
579125.014141656.41	579125.01	4141656	0.009733374	0.003128506	0.000221303	0.000221153	7.05497E-05	7.05497E-05	0.001310032	7.02684E-05	8.37562E-08	1.14096E-07	2.94037E-10	1.98147E-07	0.198146607
579145.014141656.41	579145.01	4141656	0.008886487	0.002854997	0.000206015	0.000205875	6.19425E-05	6.19425E-05	0.001176281	6.27649E-05	7.64631E-08	1.04129E-07	2.62639E-10	1.80855E-07	0.180854761
579185.014141656.41	579185.01	4141656	0.007513081	0.002410214	0.000179549	0.000179427	4.91068E-05	4.91068E-05	0.000967769	5.10539E-05	6.46305E-08	8.79733E-08	2.13634E-10	1.52817E-07	0.152817463
579205.014141656.41	579205.01	4141656	0.006944268	0.002226583	0.000168017	0.000167903	4.41741E-05	4.41741E-05	0.000884933	4.64663E-05	5.97324E-08	8.13123E-08	1.94438E-10	1.41239E-07	0.141239142
579225.014141656.41	579225.01	4141656	0.006436972	0.002062737	0.00015747	0.000157362	3.99629E-05	3.99629E-05	0.000812894	4.24803E-05	5.53637E-08	7.53886E-08	1.77758E-10	1.3093E-07	0.130930034
579245.014141656.41	579245.01	4141656	0.00598113	0.001917302	0.000147794	0.000147693	3.63231E-05	3.63231E-05	0.00074968	3.90549E-05	5.14458E-08	7.01012E-08	1.63425E-10	1.2171E-07	0.121710389
579265.014141656.41	579265.01	4141656	0.005566903	0.0017797	0.000138974	0.000138879	3.31779E-05	3.31779E-05	0.000694227	3.58075E-05	4.78621E-08	6.53027E-08	1.49836E-10	1.13315E-07	0.113314682
579285.014141656.41	579285.01	4141656	0.00519169	0.001660267	0.000130815	0.000130726	3.03663E-05	3.03663E-05	0.000644689	3.30733E-05	4.46384E-08	6.10001E-08	1.38395E-10	1.05777E-07	0.105776873

579305.014141656.41	579305.01	4141656	0.004859902	0.001555935	0.000123348	0.000123264	2.79846E-05	2.79846E-05	0.000600658	3.07271E-05	4.17933E-08	5.71671E-08	1.28577E-10	9.9089E-08	0.099089025
579325.014141656.41	579325.01	4141656	0.004546093	0.001456448	0.000116369	0.00011629	2.57743E-05	2.57743E-05	0.000560758	2.85177E-05	3.90989E-08	5.35976E-08	1.19332E-10	9.28158E-08	0.092815837
579345.014141656.41	579345.01	4141656	0.004264401	0.001367782	0.000109953	0.000109878	2.38491E-05	2.38491E-05	0.000524927	2.65772E-05	3.6683E-08	5.03779E-08	1.11212E-10	8.71721E-08	0.087172143
578385.014141676.41	578385.01	4141676	0.001966419	0.000980091	0.000101329	0.00010126	5.32359E-06	5.32359E-06	0.000489189	1.18595E-05	1.84202E-08	4.18701E-08	4.96257E-11	6.03399E-08	0.060339902
578405.014141676.41	578405.01	4141676	0.002199372	0.001121326	0.000116399	0.00011632	5.81104E-06	5.81104E-06	0.000568206	1.3384E-05	2.07106E-08	4.81754E-08	5.6005E-11	6.8942E-08	0.068942025
578425.014141676.41	578425.01	4141676	0.002476428	0.001294298	0.000134849	0.000134758	6.37046E-06	6.37046E-06	0.00066647	1.52259E-05	2.34561E-08	5.59301E-08	6.37127E-11	7.94499E-08	0.079449908
578445.014141676.41	578445.01	4141676	0.002816812	0.001513056	0.000158153	0.000158046	7.03283E-06	7.03283E-06	0.000792616	1.75223E-05	2.68561E-08	6.5774E-08	7.33218E-11	9.27034E-08	0.092703439
578465.014141676.41	578465.01	4141676	0.003243478	0.001795366	0.000188113	0.000187985	7.83005E-06	7.83005E-06	0.000957629	2.04446E-05	3.11529E-08	7.85063E-08	8.55502E-11	1.09745E-07	0.109744698
578485.014141676.41	578485.01	4141676	0.003752695	0.002144781	0.000224954	0.000224801	8.7366E-06	8.7366E-06	0.001164546	2.40069E-05	3.63347E-08	9.42793E-08	1.00457E-10	1.30714E-07	0.130714497
578505.014141676.41	578505.01	4141676	0.004417969	0.002612498	0.000273898	0.000273712	9.87093E-06	9.87093E-06	0.001444096	2.87161E-05	4.31529E-08	1.1538E-07	1.20162E-10	1.58653E-07	0.158653315
578525.014141676.41	578525.01	4141676	0.005208201	0.0031902	0.000333503	0.000333276	1.11374E-05	1.11374E-05	0.001791992	3.4443E-05	5.13472E-08	1.41337E-07	1.44126E-10	1.92828E-07	0.192827835
578545.014141676.41	578545.01	4141676	0.006224714	0.003950322	0.000410806	0.000410527	1.26835E-05	1.26835E-05	0.00225023	4.18863E-05	6.1961E-08	1.7528E-07	1.75273E-10	2.37416E-07	0.237416298
578565.014141676.41	578565.01	4141676	0.007541917	0.00494947	0.000510647	0.0005103	1.45786E-05	1.45786E-05	0.002847728	5.15633E-05	7.57755E-08	2.19432E-07	2.15766E-10	2.95423E-07	0.295422842
578585.014141676.41	578585.01	4141676	0.009269955	0.006258222	0.000638984	0.000638549	1.69293E-05	1.69293E-05	0.003613713	6.41268E-05	9.389E-08	2.76377E-07	2.68338E-10	3.70535E-07	0.370534835
578605.014141676.41	578605.01	4141676	0.011540118	0.007933913	0.00080045	0.000799905	1.98475E-05	1.98475E-05	0.004553317	8.01195E-05	1.17499E-07	3.47711E-07	3.35259E-10	4.65545E-07	0.465545481
578625.014141676.41	578625.01	4141676	0.014602774	0.010048977	0.001001702	0.001001021	2.36086E-05	2.36086E-05	0.005648765	0.000100309	1.48724E-07	4.35003E-07	4.19743E-10	5.84146E-07	0.584145836
578645.014141676.41	578645.01	4141676	0.018755561	0.012596147	0.001242899	0.001242053	2.85386E-05	2.85386E-05	0.006797038	0.00012485	1.8968E-07	5.35645E-07	5.22433E-10	7.25848E-07	0.725847504
578665.014141676.41	578665.01	4141676	0.024320316	0.015439597	0.001512868	0.001511839	3.5012E-05	3.5012E-05	0.007802328	0.000152893	2.42109E-07	6.41262E-07	6.39778E-10	8.84011E-07	0.884010536
578685.014141676.41	578685.01	4141676	0.03158382	0.018319547	0.001785362	0.001784147	4.34415E-05	4.34415E-05	0.008449082	0.000182656	3.0696E-07	7.38902E-07	7.64322E-10	1.04663E-06	1.046626311
578705.014141676.41	578705.01	4141676	0.041219489	0.021196751	0.00203812	0.002036733	5.51857E-05	5.51857E-05	0.008777795	0.000214828	3.88929E-07	8.25188E-07	8.98946E-10	1.21502E-06	1.215015802
578985.014141676.41	578985.01	4141676	0.019043247	0.006225437	0.000323684	0.000323463	0.000199457	0.000199457	0.003162828	0.000170296	1.64319E-07	2.25724E-07	7.12602E-10	3.90755E-07	0.390755103
579005.014141676.41	579005.01	4141676	0.016217615	0.005286288	0.00029419	0.000293989	0.000156019	0.000156019	0.002591398	0.000136953	1.39871E-07	1.91453E-07	5.73077E-10	3.31896E-07	0.331896355
579025.014141676.41	579025.01	4141676	0.01403317	0.00457599	0.000269819	0.000269635	0.000125422	0.000125422	0.002178004	0.000113295	1.21038E-07	1.65865E-07	4.74082E-10	2.87378E-07	0.287377558
579045.014141676.41	579045.01	4141676	0.012315422	0.004027198	0.000249107	0.000248938	0.000103332	0.000103332	0.001865877	9.60609E-05	1.06271E-07	1.46096E-07	4.01966E-10	2.52769E-07	0.252769216
579065.014141676.41	579065.01	4141676	0.010940998	0.003583948	0.000231197	0.00023104	8.67674E-05	8.67674E-05	0.001624193	8.27653E-05	9.44377E-08	1.30309E-07	3.4633E-10	2.25093E-07	0.225093267
579085.014141676.41	579085.01	4141676	0.009829156	0.0032288	0.000215353	0.000215207	7.40921E-05	7.40921E-05	0.001431109	7.25903E-05	8.48798E-08	1.17461E-07	3.03753E-10	2.02645E-07	0.202644509
579105.014141676.41	579105.01	4141676	0.008915889	0.002928967	0.000201207	0.00020107	6.43232E-05	6.43232E-05	0.001274357	6.43649E-05	7.6994E-08	1.06729E-07	2.69334E-10	1.83992E-07	0.183992096
579125.014141676.41	579125.01	4141676	0.008150083	0.002675243	0.000188414	0.000188285	5.66116E-05	5.66116E-05	0.00114458	5.76204E-05	7.03716E-08	9.7626E-08	2.41112E-10	1.68239E-07	0.168238741
579145.014141676.41	579145.01	4141676	0.007494874	0.002458423	0.000176732	0.000176611	5.03587E-05	5.03587E-05	0.00103527	5.20741E-05	6.47067E-08	8.97845E-08	2.17903E-10	1.54709E-07	0.15470907
579165.014141676.41	579165.01	4141676	0.006924026	0.002269301	0.000165989	0.000165876	4.51626E-05	4.51626E-05	0.000941857	4.74429E-05	5.97702E-08	8.29184E-08	1.98524E-10	1.42887E-07	0.142887081
579185.014141676.41	579185.01	4141676	0.006423176	0.002102467	0.00015614	0.000156034	4.08148E-05	4.08148E-05	0.000861776	4.33776E-05	5.54352E-08	7.68762E-08	1.81513E-10	1.32493E-07	0.132492835
579205.014141676.41	579205.01	4141676	0.005978869	0.001954125	0.000147095	0.000146995	3.71157E-05	3.71157E-05	0.000792366	3.98255E-05	5.1588E-08	7.15134E-08	1.66649E-10	1.23268E-07	0.123268074
579225.014141676.41	579225.01	4141676	0.00557889	0.001821287	0.000138718	0.000138624	3.3905E-05	3.3905E-05	0.000731436	3.66945E-05	4.81278E-08	6.67015E-08	1.53548E-10	1.14983E-07	0.114982864
579245.014141676.41	579245.01	4141676	0.005216456	0.001701612	0.000130935	0.000130846	3.10888E-05	3.10888E-05	0.000677485	3.39847E-05	4.49953E-08	6.23545E-08	1.42209E-10	1.07492E-07	0.107491983

579265.014141676.41	579265.01	4141676	0.004888173	0.001593324	0.000123746	0.000123662	2.86224E-05	2.86224E-05	0.00062973	3.1536E-05	4.21585E-08	5.84293E-08	1.31962E-10	1.0072E-07	0.100719713
579285.014141676.41	579285.01	4141676	0.004589405	0.001492464	0.000117112	0.000117033	2.64494E-05	2.64494E-05	0.000587296	2.92563E-05	3.95668E-08	5.48499E-08	1.22423E-10	9.45391E-08	0.094539058
579305.014141676.41	579305.01	4141676	0.004304885	0.001398065	0.000110847	0.000110772	2.44422E-05	2.44422E-05	0.000548679	2.71852E-05	3.71057E-08	5.15198E-08	1.13756E-10	8.87393E-08	0.088739283
579325.014141676.41	579325.01	4141676	0.004060058	0.001318604	0.000105175	0.000105103	2.27558E-05	2.27558E-05	0.000514506	2.54674E-05	3.49957E-08	4.8601E-08	1.06568E-10	8.37033E-08	0.083703294
579345.014141676.41	579345.01	4141676	0.003831854	0.001247138	9.98262E-05	9.97582E-05	2.1196E-05	2.1196E-05	0.000483243	2.39416E-05	3.30401E-08	4.5912E-08	1.00183E-10	7.90523E-08	0.079052293
578385.014141696.41	578385.01	4141696	0.002111845	0.001067222	0.000110809	0.000110734	5.59328E-06	5.59328E-06	0.000535723	1.27849E-05	1.98456E-08	4.5735E-08	5.34983E-11	6.56341E-08	0.065634066
578405.014141696.41	578405.01	4141696	0.002372278	0.001226143	0.000127705	0.000127618	6.12355E-06	6.12355E-06	0.00062416	1.44886E-05	2.24105E-08	5.28045E-08	6.06275E-11	7.52757E-08	0.075275713
578425.014141696.41	578425.01	4141696	0.002692532	0.001425924	0.00014892	0.000148819	6.75494E-06	6.75494E-06	0.000736631	1.66045E-05	2.55835E-08	6.17161E-08	6.94814E-11	8.7369E-08	0.087369025
578445.014141696.41	578445.01	4141696	0.00308957	0.001679244	0.00017571	0.00017559	7.50934E-06	7.50934E-06	0.000880583	1.92542E-05	2.95414E-08	7.3024E-08	8.05688E-11	1.02646E-07	0.102645949
578465.014141696.41	578465.01	4141696	0.00356147	0.001988929	0.000208239	0.000208097	8.3676E-06	8.3676E-06	0.001058115	2.24504E-05	3.42827E-08	8.68389E-08	9.39434E-11	1.21216E-07	0.121215568
578485.014141696.41	578485.01	4141696	0.004134128	0.002374198	0.000248371	0.000248202	9.36435E-06	9.36435E-06	0.001280334	2.63775E-05	4.0077E-08	1.0399E-07	1.10376E-10	1.44177E-07	0.144177165
578505.014141696.41	578505.01	4141696	0.004882745	0.002883665	0.000300928	0.000300724	1.06217E-05	1.06217E-05	0.001574154	3.15207E-05	4.76769E-08	1.26567E-07	1.31898E-10	1.74376E-07	0.174375705
578525.014141696.41	578525.01	4141696	0.00580585	0.003522254	0.000365934	0.000365685	1.20986E-05	1.20986E-05	0.001941202	3.78978E-05	5.70928E-08	1.54662E-07	1.58583E-10	2.11914E-07	0.211913633
578565.014141696.41	578565.01	4141696	0.008424425	0.005337888	0.000546399	0.000546028	1.59999E-05	1.59999E-05	0.002960324	5.58002E-05	8.38207E-08	2.33084E-07	2.33495E-10	3.17139E-07	0.317138693
578585.014141696.41	578585.01	4141696	0.010326273	0.006611917	0.000670206	0.000669749	1.86795E-05	1.86795E-05	0.003639687	6.82959E-05	1.03041E-07	2.86681E-07	2.85783E-10	3.90007E-07	0.390007372
578605.014141696.41	578605.01	4141696	0.01278981	0.008167933	0.000819381	0.000818824	2.20442E-05	2.20442E-05	0.004414872	8.35973E-05	1.27531E-07	3.50398E-07	3.49812E-10	4.78279E-07	0.478278576
578625.014141696.41	578625.01	4141696	0.015979686	0.009994066	0.000992747	0.000992072	2.63109E-05	2.63109E-05	0.005228392	0.000101749	1.58429E-07	4.22468E-07	4.25769E-10	5.81323E-07	0.581322927
578645.014141696.41	578645.01	4141696	0.020219887	0.012094514	0.001189755	0.001188946	3.20245E-05	3.20245E-05	0.00601381	0.000123166	1.98093E-07	5.01217E-07	5.15385E-10	6.99826E-07	0.699825619
578665.014141696.41	578665.01	4141696	0.025613206	0.01428169	0.001391121	0.001390174	3.94299E-05	3.94299E-05	0.006624608	0.000146494	2.46457E-07	5.77455E-07	6.13002E-10	8.24525E-07	0.82452494
578685.014141696.41	578685.01	4141696	0.032338656	0.016401599	0.001574989	0.001573917	4.91587E-05	4.91587E-05	0.006995974	0.000170949	3.0415E-07	6.43962E-07	7.15334E-10	9.48827E-07	0.948827468
578945.014141696.41	578945.01	4141696	0.020948375	0.006815171	0.000334885	0.000334657	0.000224321	0.000224321	0.003485782	0.000190542	1.80615E-07	2.44721E-07	7.97322E-10	4.26133E-07	0.42613328
578965.014141696.41	578965.01	4141696	0.017640778	0.005702485	0.000297638	0.000297435	0.000174822	0.000174822	0.002851953	0.000152246	1.51939E-07	2.04989E-07	6.37073E-10	3.57565E-07	0.357565466
578985.014141696.41	578985.01	4141696	0.015087566	0.004880911	0.000268181	0.000267999	0.000138266	0.000138266	0.002381478	0.000123919	1.29965E-07	1.75226E-07	5.18539E-10	3.05709E-07	0.305709129
579005.014141696.41	579005.01	4141696	0.013071277	0.004245875	0.000244457	0.000244291	0.000111904	0.000111904	0.002024913	0.000103055	1.12671E-07	1.52425E-07	4.31232E-10	2.65527E-07	0.265526882
579025.014141696.41	579025.01	4141696	0.011445014	0.003738831	0.000224992	0.000224839	9.27962E-05	9.27962E-05	0.001749432	8.74579E-05	9.87442E-08	1.34564E-07	3.65966E-10	2.33674E-07	0.233673741
579045.014141696.41	579045.01	4141696	0.010136066	0.003331113	0.00020863	0.000208488	7.84125E-05	7.84125E-05	0.001531719	7.55575E-05	8.75366E-08	1.20271E-07	3.16169E-10	2.08123E-07	0.208123361
579065.014141696.41	579065.01	4141696	0.009075111	0.003000836	0.000194551	0.000194419	6.72278E-05	6.72278E-05	0.001355878	6.63041E-05	7.84533E-08	1.08603E-07	2.77449E-10	1.87333E-07	0.18733328
579085.014141696.41	579085.01	4141696	0.008208322	0.00272321	0.000182223	0.000182099	5.84456E-05	5.84456E-05	0.001211737	5.88582E-05	7.09987E-08	9.88619E-08	2.46291E-10	1.70107E-07	0.170106918
579105.014141696.41	579105.01	4141696	0.007490351	0.002489997	0.000171225	0.000171108	5.14693E-05	5.14693E-05	0.001091568	5.28139E-05	6.481E-08	9.06263E-08	2.20999E-10	1.55657E-07	0.155657289
579125.014141696.41	579125.01	4141696	0.006886821	0.002290297	0.000161309	0.000161199	4.5866E-05	4.5866E-05	0.0009903	4.77117E-05	5.9592E-08	8.35625E-08	1.99649E-10	1.43354E-07	0.143354101
579145.014141696.41	579145.01	4141696	0.006368896	0.002118779	0.000152218	0.000152115	4.1244E-05	4.1244E-05	0.000903366	4.35491E-05	5.51135E-08	7.74106E-08	1.82231E-10	1.32706E-07	0.132706281
579165.014141696.41	579165.01	4141696	0.005918369	0.001967853	0.000143849	0.000143752	3.73781E-05	3.73781E-05	0.000828229	4.00175E-05	5.12103E-08	7.19844E-08	1.67453E-10	1.23362E-07	0.123362199
579185.014141696.41	579185.01	4141696	0.005519295	0.001833965	0.000136074	0.000135981	3.40772E-05	3.40772E-05	0.000762542	3.68981E-05	4.77521E-08	6.71438E-08	1.544E-10	1.1505E-07	0.115050279
579205.014141696.41	579205.01	4141696	0.005167264	0.001714291	0.00012893	0.000128842	3.12719E-05	3.12719E-05	0.000705431	3.41575E-05	4.46947E-08	6.28369E-08	1.42932E-10	1.07675E-07	0.107674563
579225.014141696.41	579225.01	4141696	0.004848593	0.001606486	0.000122251	0.000122168	2.88074E-05	2.88074E-05	0.000654672	3.17293E-05	4.19294E-08	5.89361E-08	1.32771E-10	1.00998E-07	0.100998291
579245.014141696.41	579245.01	4141696	0.004559663	0.001507322	0.000116031	0.000115952	2.66417E-05	2.66417E-05	0.000609608	2.94893E-05	3.9416E-08	5.53856E-08	1.23397E-10	9.4925E-08	0.094925007
579265.014141696.41	579265.01	4141696	0.004294594	0.001419545	0.000110186	0.000110111	2.4701E-05	2.4701E-05	0.00056902	2.76089E-05	3.7124E-08	5.21597E-08	1.15529E-10	8.93992E-08	0.089399165
579285.014141696.41	579285.01	4141696	0.004052255	0.001337985	0.000104747	0.000104676	2.29754E-05	2.29754E-05	0.000532656	2.5845E-05	3.50228E-08	4.92031E-08	1.08148E-10	8.4334E-08	0.084334029
579305.014141696.41	579305.01	4141696	0.003825861	0.001258605	9.96684E-05	9.96006E-05	2.14283E-05	2.14283E-05	0.000499954	2.41196E-05	3.30462E-08	4.64475E-08	1.00928E-10	7.95946E-08	0.079594613
579325.014141696.41	579325.01	4141696	0.003622988	0.001193034	9.48904E-05	9.48259E-05	2.0027E-05	2.0027E-05	0.000470131	2.27371E-05	3.12989E-08	4.39789E-08	9.51432E-11	7.53729E-08	0.075372924
579345.014141696.41	579345.01	4141696	0.003431537	0.001130694	9.04055E-05	9.0344E-05	1.87515E-05	1.87515E-05	0.000442936	2.14558E-05	2.9648E-08	4.16779E-08	8.97816E-11	7.14157E-08	0.071415673
578385.014141716.41	578385.01	4141716	0.00228068	0.001164933	0.000121229	0.000121147	5.91217E-06	5.91217E-06	0.000586106	1.3832E-05	2.14855E-08	4.99862E-08	5.78797E-11	7.15296E-08	0.071529575
578405.014141716.41	578405.01	4141716	0.002578883	0.001345656	0.000140326	0.000140231	6.50803E-06	6.50803E-06	0.000685434	1.57635E-05	2.44171E-08	5.79718E-08	6.59623E-11	8.24549E-08	0.08245492
578425.014141716.41	578425.01	4141716	0.002946632	0.001572247	0.000164186	0.000164074	7.22052E-06	7.22052E-06	0.000810735	1.81597E-05	2.80485E-08	6.79842E-08	7.59892E-11	9.61087E-08	0.096108666
578445.014141716.41	578445.01	4141716	0.003389696	0.001850277	0.000193282	0.00019315	8.04871E-06	8.04871E-06	0.000965234	2.10692E-05	3.24452E-08	8.025E-08	8.8164E-11	1.12783E-07	0.112783387
578465.014141716.41	578465.01	4141716	0.003909543	0.002183461	0.000227862	0.000227707	8.98169E-06	8.98169E-06	0.001151027	2.45164E-05	3.76339E-08	9.49055E-08	1.02588E-10	1.32642E-07	0.132641967
578485.014141716.41	578485.01	4141716	0.004555027	0.002601355	0.000270841	0.000270656	1.01005E-05	1.01005E-05	0.001383573	2.88006E-05	4.40946E-08	1.13196E-07	1.20516E-10	1.57411E-07	0.15741145
578505.014141716.41	578505.01	4141716	0.005399313	0.003146836	0.000326321	0.000326099	1.15282E-05	1.15282E-05	0.001684559	3.43611E-05	5.25403E-08	1.36888E-07	1.43783E-10	1.89572E-07	0.189572283
578525.014141716.41	578525.01	4141716	0.006452352	0.00382459	0.000394346	0.000394078	1.3253E-05	1.3253E-05	0.002053172	4.12271E-05	6.30631E-08	1.66016E-07	1.72514E-10	2.29252E-07	0.229251692
578605.014141716.41	578605.01	4141716	0.013856985	0.008177704	0.00081422	0.000813666	2.44969E-05	2.44969E-05	0.004167085	8.53842E-05	1.35279E-07	3.4356E-07	3.57289E-10	4.79196E-07	0.479195772
578625.014141716.41	578625.01	4141716	0.017110527	0.009740665	0.000959655	0.000959002	2.94433E-05	2.94433E-05	0.004770028	0.000101827	1.65503E-07	4.02483E-07	4.26096E-10	5.68412E-07	0.568412495
578645.014141716.41	578645.01	4141716	0.021195577	0.011414095	0.001111107	0.001110351	3.58785E-05	3.58785E-05	0.005298585	0.00012022	2.02208E-07	4.61953E-07	5.0306E-10	6.64664E-07	0.664664208
578665.014141716.41	578665.01	4141716	0.026089177	0.013036328	0.001250216	0.001249365	4.40256E-05	4.40256E-05	0.00567114	0.000139409	2.4453E-07	5.14854E-07	5.83355E-10	7.59967E-07	0.759966838
578685.014141716.41	578685.01	4141716	0.031976561	0.014589195	0.001365285	0.001364356	5.49506E-05	5.49506E-05	0.00593473	0.000159978	2.93729E-07	5.60122E-07	6.69425E-10	8.54521E-07	0.854520666
578905.014141716.41	578905.01	4141716	0.023027991	0.006907148	0.000370073	0.000369822	0.00024854	0.00024854	0.003257586	0.000205572	1.96027E-07	2.49065E-07	8.60215E-10	4.45953E-07	0.445952694
578925.014141716.41	578925.01	4141716	0.019320303	0.005817961	0.000321257	0.000321039	0.000199953	0.000199953	0.002686	0.000167841	1.64564E-07	2.09093E-07	7.02329E-10	3.7436E-07	0.374359801
578945.014141716.41	578945.01	4141716	0.016382152	0.005018594	0.00028256	0.000282368	0.000158451	0.000158451	0.002311942	0.000137196	1.39906E-07	1.79741E-07	5.74095E-10	3.20221E-07	0.320220585
578965.014141716.41	578965.01	4141716	0.014060875	0.004373221	0.000251774	0.000251603	0.000125973	0.000125973	0.002013303	0.000112801	1.20365E-07	1.56323E-07	4.72015E-10	2.7716E-07	0.277159796
578985.014141716.41	578985.01	4141716	0.012206296	0.003848332	0.000227193	0.000227039	0.000101866	0.000101866	0.001765642	9.40961E-05	1.04713E-07	1.3749E-07	3.93744E-10	2.42596E-07	0.242596343
579005.014141716.41	579005.01	4141716	0.0107042	0.00341453	0.000207383	0.000207242	8.43147E-05	8.43147E-05	0.001559727	7.98942E-05	9.19982E-08	1.22243E-07	3.34316E-10	2.14575E-07	0.214575308
579025.014141716.41	579025.01	4141716	0.009474072	0.003060431	0.000191133	0.000191003	7.12941E-05	7.12941E-05	0.001387391	6.91586E-05	8.15907E-08	1.09816E-07	2.89393E-10	1.91696E-07	0.191695813
579045.014141716.41	579045.01	4141716	0.008463326	0.002763505	0.000177588	0.000177467	6.12837E-05	6.12837E-05	0.001243063	6.06733E-05	7.30136E-08	9.95124E-08	2.53887E-10	1.7278E-07	0.17277983
579065.014141716.41	579065.01	4141716	0.007630801	0.002512123	0.000166064	0.000165951	5.33644E-05	5.33644E-05	0.001121297	5.38008E-05	6.59194E-08	9.08494E-08	2.25129E-10	1.56994E-07	0.156993931
579085.014141716.41	579085.01	4141716	0.006940875	0.002302813	0.000156027	0.000155921	4.69912E-05	4.69912E-05	0.00101737	4.82929E-05	6.00362E-08	8.35139E-08	2.02081E-10	1.43752E-07	0.143752197
579105.014141716.41	579105.01	4141716	0.006362789	0.002122493	0.000147117	0.000147017	4.18088E-05	4.18088E-05	0.000927681	4.38256E-05	5.50854E-08	7.71748E-08	1.83388E-10	1.32444E-07	0.132443532
579125.014141716.41	579125.01	4141716	0.005877093	0.001966318	0.000139177	0.000139082	3.76214E-05	3.76214E-05	0.000850792	3.99855E-05	5.09057E-08	7.16951E-08	1.67319E-10	1.22768E-07	0.122768092
579145.014141716.41	579145.01	4141716	0.005459813	0.001829928	0.000131942	0.000131852	3.41392E-05	3.41392E-05	0.000783572	3.66894E-05	4.73052E-08	6.68709E-08	1.53526E-10	1.1433E-07	0.114329635
579165.014141716.41	579165.01	4141716	0.005095569	0.001709526	0.000125256	0.000125171	3.11863E-05	3.11863E-05	0.000724144	3.39681E-05	4.41565E-08	6.25674E-08	1.42139E-10	1.06866E-07	0.106866074
579185.014141716.41	579185.01	4141716	0.004773845	0.001601964	0.000119058	0.000118977	2.8657E-05	2.8657E-05	0.00067157	3.15386E-05	4.13702E-08	5.87058E-08	1.31973E-10	1.00208E-07	0.100207936

579205.014141716.41	579205.01	4141716	0.004489099	0.001505304	0.000113341	0.000113264	2.64868E-05	2.64868E-05	0.000625193	2.9392E-05	3.88978E-08	5.52411E-08	1.2299E-10	9.42619E-08	0.094261854
579225.014141716.41	579225.01	4141716	0.004231833	0.001417607	0.00010797	0.000107896	2.45753E-05	2.45753E-05	0.000583603	2.74771E-05	3.66624E-08	5.20818E-08	1.14977E-10	8.88592E-08	0.088859228
579245.014141716.41	579245.01	4141716	0.003993565	0.001332009	0.000102959	0.000102889	2.28824E-05	2.28824E-05	0.000546332	2.55941E-05	3.45733E-08	4.91436E-08	1.07098E-10	8.3824E-08	0.08382403
579265.014141716.41	579265.01	4141716	0.003783228	0.001262481	9.82185E-05	9.81516E-05	2.13627E-05	2.13627E-05	0.00051244	2.41208E-05	3.27551E-08	4.65258E-08	1.00933E-10	7.93818E-08	0.079381798
579285.014141716.41	579285.01	4141716	0.003585444	0.001195942	9.37561E-05	9.36923E-05	1.99915E-05	1.99915E-05	0.000481772	2.2723E-05	3.10403E-08	4.40877E-08	9.50843E-11	7.52232E-08	0.075223151
579305.014141716.41	579305.01	4141716	0.003397272	0.001129402	8.95641E-05	8.95031E-05	1.87232E-05	1.87232E-05	0.000453889	2.13368E-05	2.9395E-08	4.17812E-08	8.92835E-11	7.12655E-08	0.071265466
579325.014141716.41	579325.01	4141716	0.003230021	0.00107344	8.5605E-05	8.55467E-05	1.76217E-05	1.76217E-05	0.000428416	2.01835E-05	2.79463E-08	3.9706E-08	8.44575E-11	6.77368E-08	0.067736787
579345.014141716.41	579345.01	4141716	0.003074756	0.001022889	8.18713E-05	8.18156E-05	1.65903E-05	1.65903E-05	0.00040507	1.91518E-05	2.66075E-08	3.77899E-08	8.01403E-11	6.44775E-08	0.064477514
578385.014141736.41	578385.01	4141736	0.002472584	0.00127088	0.000132273	0.000132183	6.2839E-06	6.2839E-06	0.000638399	1.4984E-05	2.33275E-08	5.44923E-08	6.27004E-11	7.78825E-08	0.077882461
578405.014141736.41	578405.01	4141736	0.002816359	0.001475425	0.000153698	0.000153594	6.96541E-06	6.96541E-06	0.000748616	1.71741E-05	2.66908E-08	6.34408E-08	7.18649E-11	9.02034E-08	0.090203449
578425.014141736.41	578425.01	4141736	0.003225724	0.001722285	0.000179421	0.000179299	7.7526E-06	7.7526E-06	0.000881992	1.97918E-05	3.07099E-08	7.42206E-08	8.28185E-11	1.05013E-07	0.105013336
578445.014141736.41	578445.01	4141736	0.00370373	0.002014689	0.000209651	0.000209509	8.64093E-06	8.64093E-06	0.001040027	2.28651E-05	3.54208E-08	8.69415E-08	9.56789E-11	1.22458E-07	0.122458075
578465.014141736.41	578465.01	4141736	0.004281364	0.002370564	0.000246117	0.00024595	9.68324E-06	9.68324E-06	0.001231703	2.65772E-05	4.11245E-08	1.02342E-07	1.11212E-10	1.43578E-07	0.143577961
578485.014141736.41	578485.01	4141736	0.005002953	0.002814298	0.000291125	0.000290926	1.09551E-05	1.09551E-05	0.001468505	3.11802E-05	4.82461E-08	1.21401E-07	1.30473E-10	1.69778E-07	0.169777631
578505.014141736.41	578505.01	4141736	0.00600239	0.003421071	0.000349459	0.000349221	1.26881E-05	1.26881E-05	0.001773872	3.7492E-05	5.80761E-08	1.46401E-07	1.56885E-10	2.04634E-07	0.204633872
578625.014141736.41	578625.01	4141736	0.017828272	0.009313082	0.000905858	0.000905241	3.27096E-05	3.27096E-05	0.00431398	0.000100518	1.68844E-07	3.76921E-07	4.20616E-10	5.46186E-07	0.546186394
578645.014141736.41	578645.01	4141736	0.021492762	0.010575967	0.001013354	0.001012665	3.95493E-05	3.95493E-05	0.004656931	0.000115789	2.00744E-07	4.19342E-07	4.84516E-10	6.20571E-07	0.620570571
578665.014141736.41	578665.01	4141736	0.025769602	0.011781356	0.001104676	0.001103924	4.83961E-05	4.83961E-05	0.004912572	0.000131971	2.36817E-07	4.56179E-07	5.5223E-10	6.93548E-07	0.693547979
578865.014141736.41	578865.01	4141736	0.025511883	0.008438938	0.000422676	0.000422388	0.000237516	0.000237516	0.004336637	0.000215988	2.2056E-07	3.00698E-07	9.03799E-10	5.22162E-07	0.522162214
578885.014141736.41	578885.01	4141736	0.021634569	0.006590437	0.000362704	0.000362457	0.000211579	0.000211579	0.003084749	0.000182853	1.84602E-07	2.36088E-07	7.65147E-10	4.21454E-07	0.421454457
578905.014141736.41	578905.01	4141736	0.018238654	0.005348305	0.000314203	0.000313989	0.000178194	0.000178194	0.002347461	0.000152061	1.54731E-07	1.92051E-07	6.36297E-10	3.47418E-07	0.347418061
578925.014141736.41	578925.01	4141736	0.015451923	0.004506382	0.000274837	0.00027465	0.00014598	0.00014598	0.001918326	0.000125787	1.30983E-07	1.61745E-07	5.26354E-10	2.93254E-07	0.293253576
578945.014141736.41	578945.01	4141736	0.01323604	0.00391899	0.000242872	0.000242706	0.00011804	0.00011804	0.001658522	0.000104472	1.12453E-07	1.40174E-07	4.37162E-10	2.53064E-07	0.253063981
578965.014141736.41	578965.01	4141736	0.011487421	0.003459832	0.000217074	0.000216926	9.57555E-05	9.57555E-05	0.001478206	8.73043E-05	9.78487E-08	1.23688E-07	3.65324E-10	2.21902E-07	0.221902402
578985.014141736.41	578985.01	4141736	0.010080881	0.003096124	0.000196159	0.000196026	7.88408E-05	7.88408E-05	0.001333033	7.41942E-05	8.6126E-08	1.10561E-07	3.10465E-10	1.96997E-07	0.196997229
579005.014141736.41	579005.01	4141736	0.008927649	0.002789346	0.000179166	0.000179044	6.62921E-05	6.62921E-05	0.001209609	6.40308E-05	7.64776E-08	9.97686E-08	2.67936E-10	1.76514E-07	0.176514099
579025.014141736.41	579025.01	4141736	0.007969375	0.002528354	0.000165215	0.000165103	5.68029E-05	5.68029E-05	0.001102145	5.60524E-05	6.84341E-08	9.07468E-08	2.34551E-10	1.59415E-07	0.159415443
579045.014141736.41	579045.01	4141736	0.007169531	0.002305559	0.000153608	0.000153504	4.93801E-05	4.93801E-05	0.001007825	4.96471E-05	6.16991E-08	8.31093E-08	2.07748E-10	1.45016E-07	0.145016112
579065.014141736.41	579065.01	4141736	0.006500639	0.002118617	0.000143767	0.000143669	4.34097E-05	4.34097E-05	0.000924583	4.45078E-05	5.6064E-08	7.66062E-08	1.86242E-10	1.32857E-07	0.13285651
579085.014141736.41	579085.01	4141736	0.005940194	0.001958485	0.000135278	0.000135186	3.85553E-05	3.85553E-05	0.000851073	4.03209E-05	5.13276E-08	7.09972E-08	1.68722E-10	1.22493E-07	0.122493435
579105.014141736.41	579105.01	4141736	0.005466598	0.001817734	0.000127803	0.000127716	3.45692E-05	3.45692E-05	0.000785731	3.682E-05	4.73016E-08	6.60763E-08	1.54073E-10	1.13532E-07	0.113532033
579125.014141736.41	579125.01	4141736	0.005067298	0.001694748	0.000121222	0.000121139	3.13229E-05	3.13229E-05	0.0007284	3.38209E-05	4.38887E-08	6.17869E-08	1.41523E-10	1.05817E-07	0.105817132
579145.014141736.41	579145.01	4141736	0.004723635	0.001586217	0.000115264	0.000115186	2.86069E-05	2.86069E-05	0.000677141	3.12672E-05	4.09398E-08	5.79729E-08	1.30837E-10	9.90436E-08	0.099043561
579165.014141736.41	579165.01	4141736	0.004423623	0.001489638	0.000109795	0.000109721	2.62982E-05	2.62982E-05	0.000631076	2.9063E-05	3.83575E-08	5.45481E-08	1.21614E-10	9.30272E-08	0.093027241
579185.014141736.41	579185.01	4141736	0.004158667	0.00140291	0.000104732	0.000104661	2.43101E-05	2.43101E-05	0.000589549	2.71353E-05	3.60708E-08	5.14494E-08	1.13547E-10	8.76338E-08	0.087633814

579205.014141736.41	579205.01	4141736	0.00392447	0.00132458	0.000100067	9.99985E-05	2.26E-05	2.26E-05	0.000552434	2.54265E-05	3.40424E-08	4.86528E-08	1.06397E-10	8.28015E-08	0.082801549
579225.014141736.41	579225.01	4141736	0.003713229	0.001253114	9.57018E-05	9.56367E-05	2.10912E-05	2.10912E-05	0.000518762	2.38956E-05	3.22093E-08	4.60914E-08	9.99906E-11	7.84006E-08	0.078400623
579245.014141736.41	579245.01	4141736	0.003520873	0.001187059	9.15925E-05	9.15301E-05	1.97464E-05	1.97464E-05	0.000488156	2.24696E-05	3.05358E-08	4.37283E-08	9.40238E-11	7.43582E-08	0.074358176
579265.014141736.41	579265.01	4141736	0.003342539	0.001123668	8.7716E-05	8.76563E-05	1.85365E-05	1.85365E-05	0.00046021	2.11525E-05	2.89751E-08	4.15177E-08	8.85122E-11	7.05813E-08	0.070581296
579285.014141736.41	579285.01	4141736	0.003180377	0.001068595	8.40424E-05	8.39852E-05	1.74404E-05	1.74404E-05	0.000434612	2.00209E-05	2.7567E-08	3.95022E-08	8.37772E-11	6.71529E-08	0.067152946
579305.014141736.41	579305.01	4141736	0.00303054	0.001019659	8.05641E-05	8.05093E-05	1.64409E-05	1.64409E-05	0.000411047	1.90314E-05	2.62743E-08	3.76481E-08	7.96369E-11	6.40021E-08	0.064002081
579325.014141736.41	579325.01	4141736	0.002889864	0.000971531	7.72736E-05	7.7221E-05	1.55271E-05	1.55271E-05	0.000389455	1.8065E-05	2.50512E-08	3.58963E-08	7.55929E-11	6.10231E-08	0.061023076
579345.014141736.41	579345.01	4141736	0.002757895	0.000926471	7.41409E-05	7.40905E-05	1.46816E-05	1.46816E-05	0.000369426	1.7169E-05	2.39042E-08	3.42522E-08	7.18435E-11	5.82283E-08	0.058228306
578385.014141756.41	578385.01	4141756	0.002697508	0.001388051	0.00014421	0.000144112	6.74036E-06	6.74036E-06	0.00069357	1.62858E-05	2.54563E-08	5.93623E-08	6.81477E-11	8.48867E-08	0.084886685
578405.014141756.41	578405.01	4141756	0.00307453	0.001607213	0.000166928	0.000166814	7.48747E-06	7.48747E-06	0.000809014	1.86436E-05	2.91226E-08	6.88409E-08	7.80139E-11	9.80415E-08	0.098041493
578425.014141756.41	578425.01	4141756	0.003519064	0.001867639	0.000193725	0.000193593	8.34573E-06	8.34573E-06	0.000945832	2.14251E-05	3.34541E-08	8.00551E-08	8.96531E-11	1.13599E-07	0.113598838
578445.014141756.41	578445.01	4141756	0.004049654	0.002179343	0.000225525	0.000225372	9.34704E-06	9.34704E-06	0.00110878	2.47352E-05	3.86278E-08	9.34035E-08	1.03504E-10	1.32135E-07	0.132134817

Cubberley Community Center Master Plan - Mitigation

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition - Phase II	2032	0.05	8	0.000733691
Grading- Phase II	2032	0.41	8	0.006515021
Building Construction I- Phase II	2032	0.04	8	0.000683471
Building Construction II- Phase II	2033	0.04	8	0.000683154
Paving- Phase II	2033	0.15	8	0.002321434
Architectural Coating- Phase II	2033	0.01	8	0.000111083

Risk Summary	
Maximum Risk, Uncc	1.336
UTM X	579065.01
UTM Y	4141476.41

AERMOD Column Identifier:			*10*	*11*	*11*	*11*	*11*	*11*					
			Demolition - Phase II	Grading- Phase II	Building Construction I- Phase II	Building Construction II- Phase II	Paving- Phase II	Architectural Coating- Phase II	Child Risk				
Unique Identifier	X (UTM)	Y (UTM)	2032	2032	2032	2033	2033	2033	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.41	578385.01	4141176	2.26197E-05	0.000196819	2.06477E-05	2.06381E-05	7.01305E-05	3.35583E-06	0	0	1.01827E-09	1.01827E-09	0.001018266
578405.014141176.41	578405.01	4141176	2.45346E-05	0.000213302	2.23769E-05	2.23665E-05	7.60038E-05	3.63687E-06	0	0	1.1036E-09	1.1036E-09	0.001103602
578425.014141176.41	578425.01	4141176	2.6765E-05	0.000232456	2.43863E-05	2.43749E-05	8.28288E-05	3.96345E-06	0	0	1.20278E-09	1.20278E-09	0.00120278
578445.014141176.41	578445.01	4141176	2.93843E-05	0.000254933	2.67442E-05	2.67318E-05	9.08377E-05	4.34669E-06	0	0	1.31917E-09	1.31917E-09	0.001319169
578465.014141176.41	578465.01	4141176	3.2253E-05	0.000279494	2.93209E-05	2.93073E-05	9.95895E-05	4.76547E-06	0	0	1.44637E-09	1.44637E-09	0.001446372
578485.014141176.41	578485.01	4141176	3.56354E-05	0.000308486	3.23624E-05	3.23474E-05	0.00010992	5.25979E-06	0	0	1.59651E-09	1.59651E-09	0.001596508
578505.014141176.41	578505.01	4141176	4.0375E-05	0.000343342	3.60189E-05	3.60022E-05	0.00012234	5.85409E-06	0	0	1.77892E-09	1.77892E-09	0.001778919
578525.014141176.41	578525.01	4141176	4.51E-05	0.000382953	4.01745E-05	4.01558E-05	0.000136454	6.52948E-06	0	0	1.98434E-09	1.98434E-09	0.001984342
578545.014141176.41	578545.01	4141176	5.07934E-05	0.000438722	4.6025E-05	4.60036E-05	0.000156325	7.48035E-06	0	0	2.27084E-09	2.27084E-09	0.002270837
578565.014141176.41	578565.01	4141176	5.73159E-05	0.000494164	5.18413E-05	5.18172E-05	0.000176081	8.42567E-06	0	0	2.5581E-09	2.5581E-09	0.002558105
578585.014141176.41	578585.01	4141176	6.51811E-05	0.000560813	5.88332E-05	5.88059E-05	0.000199829	9.56205E-06	0	0	2.9035E-09	2.9035E-09	0.002903503
578605.014141176.41	578605.01	4141176	7.45356E-05	0.00063971	6.71101E-05	6.70789E-05	0.000227942	1.09073E-05	0	0	3.3125E-09	3.3125E-09	0.0033125
578625.014141176.41	578625.01	4141176	8.5497E-05	0.000731767	7.67675E-05	7.67319E-05	0.000260743	1.24769E-05	0	0	3.78985E-09	3.78985E-09	0.003789852
578645.014141176.41	578645.01	4141176	9.86447E-05	0.000825844	8.66368E-05	8.65966E-05	0.000294265	1.40809E-05	0	0	4.2832E-09	4.2832E-09	0.004283197
578665.014141176.41	578665.01	4141176	0.000114874	0.000976732	0.000102466	0.000102418	0.000348029	1.66536E-05	0	0	5.06068E-09	5.06068E-09	0.00506068
578685.014141176.41	578685.01	4141176	0.000134896	0.001142214	0.000119826	0.000119771	0.000406994	1.94751E-05	0	0	5.91967E-09	5.91967E-09	0.005919668
578705.014141176.41	578705.01	4141176	0.00015847	0.001336231	0.00014018	0.000140115	0.000476126	2.27832E-05	0	0	6.92706E-09	6.92706E-09	0.00692706
578725.014141176.41	578725.01	4141176	0.000186651	0.001567188	0.000164409	0.000164333	0.000558421	2.67211E-05	0	0	8.12659E-09	8.12659E-09	0.008126594
578745.014141176.41	578745.01	4141176	0.000220804	0.001845836	0.000193641	0.000193551	0.000657709	3.14721E-05	0	0	9.57425E-09	9.57425E-09	0.009574252
578765.014141176.41	578765.01	4141176	0.000260732	0.002171001	0.000227753	0.000227647	0.000773571	3.70163E-05	0	0	1.12638E-08	1.12638E-08	0.011263786
578785.014141176.41	578785.01	4141176	0.00030895	0.002562749	0.00026885	0.000268726	0.000913159	4.36957E-05	0	0	1.32996E-08	1.32996E-08	0.013299611
578805.014141176.41	578805.01	4141176	0.000366765	0.00303157	0.000318033	0.000317885	0.00108021	5.16893E-05	0	0	1.57363E-08	1.57363E-08	0.015736276
578825.014141176.41	578825.01	4141176	0.000437404	0.003602807	0.00037796	0.000377784	0.001283753	6.14291E-05	0	0	1.87058E-08	1.87058E-08	0.018705797
578845.014141176.41	578845.01	4141176	0.000524068	0.004300631	0.000451166	0.000450957	0.001532402	7.33272E-05	0	0	2.23344E-08	2.23344E-08	0.022334416
578865.014141176.41	578865.01	4141176	0.000625779	0.005117158	0.000536826	0.000536577	0.001823347	8.72493E-05	0	0	2.65812E-08	2.65812E-08	0.026581151
578885.014141176.41	578885.01	4141176	0.000750433	0.006111416	0.00064113	0.000640833	0.002177621	0.000104202	0	0	3.17545E-08	3.17545E-08	0.031754533
578905.014141176.41	578905.01	4141176	0.000900657	0.007302101	0.000766042	0.000765686	0.002601887	0.000124503	0	0	3.79527E-08	3.79527E-08	0.037952653

578925.014141176.41	578925.01	4141176	0.001081416	0.008726089	0.000915428	0.000915003	0.003109282	0.000148783	0	0	4.53684E-08	4.53684E-08	0.045368358
578945.014141176.41	578945.01	4141176	0.001296182	0.010411004	0.001092187	0.00109168	0.003709652	0.000177511	0	0	5.41454E-08	5.41454E-08	0.054145402
578965.014141176.41	578965.01	4141176	0.00153557	0.012292412	0.00128956	0.001288962	0.004380035	0.00020959	0	0	6.39448E-08	6.39448E-08	0.063944814
578985.014141176.41	578985.01	4141176	0.001794798	0.014346533	0.001505052	0.001504353	0.00511196	0.000244613	0	0	7.46378E-08	7.46378E-08	0.074637751
579005.014141176.41	579005.01	4141176	0.002058083	0.016471016	0.001727925	0.001727123	0.005868957	0.000280836	0	0	8.56833E-08	8.56833E-08	0.085683284
579025.014141176.41	579025.01	4141176	0.002318338	0.018638889	0.00195535	0.001954443	0.006641414	0.000317799	0	0	9.69306E-08	9.69306E-08	0.096930558
579045.014141176.41	579045.01	4141176	0.00255237	0.02069718	0.00217128	0.002170272	0.007374825	0.000352894	0	0	1.07572E-07	1.07572E-07	0.107572231
579065.014141176.41	579065.01	4141176	0.002733753	0.022448678	0.002355024	0.002353931	0.007998919	0.000382757	0	0	1.16577E-07	1.16577E-07	0.116577338
579085.014141176.41	579085.01	4141176	0.002839133	0.023685685	0.002484795	0.002483641	0.00843969	0.000403849	0	0	1.22873E-07	1.22873E-07	0.12287279
579105.014141176.41	579105.01	4141176	0.002862773	0.024321877	0.002551536	0.002550351	0.008666378	0.000414696	0	0	1.26024E-07	1.26024E-07	0.126023847
579125.014141176.41	579125.01	4141176	0.002805435	0.024301615	0.00254941	0.002548227	0.008659158	0.000414351	0	0	1.25763E-07	1.25763E-07	0.125762962
579145.014141176.41	579145.01	4141176	0.002676988	0.023640797	0.002480086	0.002478934	0.008423695	0.000403083	0	0	1.22195E-07	1.22195E-07	0.122195192
579165.014141176.41	579165.01	4141176	0.00249209	0.022409979	0.002350964	0.002349873	0.00798513	0.000382098	0	0	1.15704E-07	1.15704E-07	0.115704157
579185.014141176.41	579185.01	4141176	0.002279481	0.02082963	0.002185175	0.00218416	0.007422019	0.000355152	0	0	1.0744E-07	1.0744E-07	0.107440126
579205.014141176.41	579205.01	4141176	0.002049161	0.018977801	0.001990905	0.001989981	0.006762175	0.000323578	0	0	9.78098E-08	9.78098E-08	0.097809822
579225.014141176.41	579225.01	4141176	0.001820969	0.017041471	0.00178777	0.00178694	0.006072222	0.000290563	0	0	8.77759E-08	8.77759E-08	0.087775935
578385.014141196.41	578385.01	4141196	2.23629E-05	0.000194669	2.04221E-05	2.04126E-05	6.93645E-05	3.31917E-06	0	0	1.00712E-09	1.00712E-09	0.001007116
578405.014141196.41	578405.01	4141196	2.42045E-05	0.0002105	2.2083E-05	2.20727E-05	7.50055E-05	3.5891E-06	0	0	1.08908E-09	1.08908E-09	0.001089085
578425.014141196.41	578425.01	4141196	2.63688E-05	0.000229133	2.40377E-05	2.40265E-05	8.16448E-05	3.9068E-06	0	0	1.18555E-09	1.18555E-09	0.00118555
578445.014141196.41	578445.01	4141196	2.88267E-05	0.000250307	2.6259E-05	2.62468E-05	8.91895E-05	4.26782E-06	0	0	1.29516E-09	1.29516E-09	0.001295164
578465.014141196.41	578465.01	4141196	3.16881E-05	0.000274804	2.88288E-05	2.88154E-05	9.79181E-05	4.68549E-06	0	0	1.42203E-09	1.42203E-09	0.001422031
578485.014141196.41	578485.01	4141196	3.56794E-05	0.00030347	3.18361E-05	3.18213E-05	0.000108132	5.17426E-06	0	0	1.57231E-09	1.57231E-09	0.001572315
578505.014141196.41	578505.01	4141196	3.9612E-05	0.000336761	3.53286E-05	3.53122E-05	0.000119995	5.74189E-06	0	0	1.74486E-09	1.74486E-09	0.001744856
578525.014141196.41	578525.01	4141196	4.42782E-05	0.000376308	3.94773E-05	3.9459E-05	0.000134086	6.41617E-06	0	0	1.9498E-09	1.9498E-09	0.001949797
578545.014141196.41	578545.01	4141196	4.97882E-05	0.000430513	4.51638E-05	4.51428E-05	0.0001534	7.34038E-06	0	0	2.22819E-09	2.22819E-09	0.002228192
578565.014141196.41	578565.01	4141196	5.63254E-05	0.000486151	5.10006E-05	5.0977E-05	0.000173225	8.28903E-06	0	0	2.51645E-09	2.51645E-09	0.002516449
578585.014141196.41	578585.01	4141196	6.40585E-05	0.000551757	5.78832E-05	5.78563E-05	0.000196602	9.40764E-06	0	0	2.85642E-09	2.85642E-09	0.002856419
578605.014141196.41	578605.01	4141196	7.3149E-05	0.0006287	6.5955E-05	6.59244E-05	0.000224018	1.07195E-05	0	0	3.25519E-09	3.25519E-09	0.003255193
578625.014141196.41	578625.01	4141196	8.40663E-05	0.000720692	7.56056E-05	7.55705E-05	0.000256797	1.2288E-05	0	0	3.7321E-09	3.7321E-09	0.003732104
578645.014141196.41	578645.01	4141196	9.76542E-05	0.000834509	8.75459E-05	8.75052E-05	0.000297352	1.42287E-05	0	0	4.32239E-09	4.32239E-09	0.004322392
578665.014141196.41	578665.01	4141196	0.00011447	0.000974452	0.000102227	0.000102179	0.000347217	1.66147E-05	0	0	5.04848E-09	5.04848E-09	0.005048482
578685.014141196.41	578685.01	4141196	0.000134339	0.001139021	0.000119491	0.000119436	0.000405856	1.94207E-05	0	0	5.90261E-09	5.90261E-09	0.005902611
578705.014141196.41	578705.01	4141196	0.000158389	0.001337143	0.000140276	0.000140211	0.000476451	2.27987E-05	0	0	6.93125E-09	6.93125E-09	0.006931253
578725.014141196.41	578725.01	4141196	0.000187531	0.001575918	0.000165325	0.000165248	0.000561532	2.68699E-05	0	0	8.17141E-09	8.17141E-09	0.008171412
578745.014141196.41	578745.01	4141196	0.000222969	0.001864925	0.000195644	0.000195553	0.000664511	3.17976E-05	0	0	9.67293E-09	9.67293E-09	0.009672927
578765.014141196.41	578765.01	4141196	0.000266139	0.002215498	0.000232421	0.000232313	0.000789427	3.7775E-05	0	0	1.14948E-08	1.14948E-08	0.011494832
578785.014141196.41	578785.01	4141196	0.000317329	0.002630244	0.000275931	0.000275803	0.000937209	4.48465E-05	0	0	1.36506E-08	1.36506E-08	0.013650571
578805.014141196.41	578805.01	4141196	0.000379898	0.003136136	0.000329003	0.00032885	0.001117469	5.34722E-05	0	0	1.62804E-08	1.62804E-08	0.016280427
578825.014141196.41	578825.01	4141196	0.000455783	0.003747961	0.000393187	0.000393005	0.001335475	6.3904E-05	0	0	1.94616E-08	1.94616E-08	0.019461586
578845.014141196.41	578845.01	4141196	0.000549586	0.004501424	0.000472231	0.000472012	0.001603948	7.67508E-05	0	0	2.33802E-08	2.33802E-08	0.023380169
578865.014141196.41	578865.01	4141196	0.000664995	0.00542369	0.000568983	0.000568719	0.001932571	9.24757E-05	0	0	2.81783E-08	2.81783E-08	0.028178342
578885.014141196.41	578885.01	4141196	0.000802584	0.006517757	0.000683759	0.000683441	0.002322409	0.00011113	0	0	3.38723E-08	3.38723E-08	0.033872257
578905.014141196.41	578905.01	4141196	0.000971663	0.007852294	0.000823761	0.000823378	0.002797932	0.000133884	0	0	4.08212E-08	4.08212E-08	0.040821204
578925.014141196.41	578925.01	4141196	0.001177816	0.009467824	0.000993241	0.00099278	0.003373578	0.00016143	0	0	4.92375E-08	4.92375E-08	0.049237461
578945.014141196.41	578945.01	4141196	0.001422406	0.011375813	0.001193403	0.001192849	0.004053433	0.000193961	0	0	5.91805E-08	5.91805E-08	0.059180487
578965.014141196.41	578965.01	4141196	0.001700981	0.013550267	0.001421518	0.001420858	0.004828235	0.000231037	0	0	7.05116E-08	7.05116E-08	0.070511632
578985.014141196.41	578985.01	4141196	0.0019942	0.015859972	0.001663822	0.00166305	0.00565123	0.000270418	0	0	8.254E-08	8.254E-08	0.082539968
579005.014141196.41	579005.01	4141196	0.002303121	0.018339719	0.001923965	0.001923072	0.006534814	0.000312698	0	0	9.54371E-08	9.54371E-08	0.095437139
579025.014141196.41	579025.01	4141196	0.002607595	0.020874975	0.002189932	0.002188915	0.007438177	0.000355925	0	0	1.08591E-07	1.08591E-07	0.108590776
579045.014141196.41	579045.01	4141196	0.002867886	0.02318683	0.002432461	0.002431332	0.008261938	0.000395343	0	0	1.20536E-07	1.20536E-07	0.120536119
579065.014141196.41	579065.01	4141196	0.003064222	0.025137753	0.002637127	0.002635903	0.008957091	0.000428607	0	0	1.3055E-07	1.3055E-07	0.130550374

579085.014141196.41	579085.01	4141196	0.003159484	0.026385445	0.002768019	0.002766734	0.009401669	0.000449881	0	0	1.36869E-07	1.36869E-07	0.136868918
579105.014141196.41	579105.01	4141196	0.003155823	0.026896418	0.002821623	0.002820313	0.009583739	0.000458593	0	0	1.39336E-07	1.39336E-07	0.139335516
579125.014141196.41	579125.01	4141196	0.003059534	0.026642593	0.002794995	0.002793698	0.009493296	0.000454265	0	0	1.37832E-07	1.37832E-07	0.137831909
579145.014141196.41	579145.01	4141196	0.002888943	0.025694592	0.002695543	0.002694292	0.009155504	0.000438101	0	0	1.32752E-07	1.32752E-07	0.132752442
579165.014141196.41	579165.01	4141196	0.002659584	0.024115546	0.00252989	0.002528716	0.008592858	0.000411178	0	0	1.24447E-07	1.24447E-07	0.124447208
579185.014141196.41	579185.01	4141196	0.002397048	0.022100515	0.002318499	0.002317423	0.007874862	0.000376821	0	0	1.13934E-07	1.13934E-07	0.113934377
579205.014141196.41	579205.01	4141196	0.0021284	0.019889122	0.002086509	0.00208554	0.007086897	0.000339116	0	0	1.02452E-07	1.02452E-07	0.102452323
579225.014141196.41	579225.01	4141196	0.00187141	0.017662353	0.001852905	0.001852045	0.006293454	0.000301149	0	0	9.09288E-08	9.09288E-08	0.090928809
579245.014141196.41	579245.01	4141196	0.001637597	0.015557936	0.001632137	0.001631379	0.005543608	0.000265268	0	0	8.00642E-08	8.00642E-08	0.080064159
578385.014141216.41	578385.01	4141216	2.21941E-05	0.00019317	2.02649E-05	2.02555E-05	6.88305E-05	3.29362E-06	0	0	9.99373E-10	9.99373E-10	0.000999373
578405.014141216.41	578405.01	4141216	2.39623E-05	0.000208481	2.18711E-05	2.18609E-05	7.42859E-05	3.55466E-06	0	0	1.07861E-09	1.07861E-09	0.001078607
578425.014141216.41	578425.01	4141216	2.60167E-05	0.000226136	2.37233E-05	2.37123E-05	8.0577E-05	3.8557E-06	0	0	1.17002E-09	1.17002E-09	0.001170023
578445.014141216.41	578445.01	4141216	2.83865E-05	0.000246594	2.58694E-05	2.58574E-05	8.78663E-05	4.2045E-06	0	0	1.27591E-09	1.27591E-09	0.001275914
578465.014141216.41	578465.01	4141216	3.11745E-05	0.000270504	2.83777E-05	2.83646E-05	9.63859E-05	4.61218E-06	0	0	1.39973E-09	1.39973E-09	0.001399729
578485.014141216.41	578485.01	4141216	3.50924E-05	0.000298258	3.12893E-05	3.12748E-05	0.000106275	5.08539E-06	0	0	1.54538E-09	1.54538E-09	0.001545384
578505.014141216.41	578505.01	4141216	3.88636E-05	0.000330312	3.4652E-05	3.46359E-05	0.000117697	5.63192E-06	0	0	1.71147E-09	1.71147E-09	0.001711467
578525.014141216.41	578525.01	4141216	4.34638E-05	0.000376633	3.95115E-05	3.94931E-05	0.000134202	6.42172E-06	0	0	1.94907E-09	1.94907E-09	0.001949066
578545.014141216.41	578545.01	4141216	4.88565E-05	0.00042276	4.43505E-05	4.43299E-05	0.000150638	7.20819E-06	0	0	2.18797E-09	2.18797E-09	0.002187966
578565.014141216.41	578565.01	4141216	5.52542E-05	0.000477421	5.00848E-05	5.00615E-05	0.000170115	8.14018E-06	0	0	2.47109E-09	2.47109E-09	0.00247109
578585.014141216.41	578585.01	4141216	6.28846E-05	0.00054231	5.68922E-05	5.68658E-05	0.000193236	9.24657E-06	0	0	2.80729E-09	2.80729E-09	0.002807295
578605.014141216.41	578605.01	4141216	7.18503E-05	0.000618471	6.48819E-05	6.48518E-05	0.000220374	1.05451E-05	0	0	3.20192E-09	3.20192E-09	0.003201925
578625.014141216.41	578625.01	4141216	8.2863E-05	0.00071144	7.46351E-05	7.46004E-05	0.000253501	1.21303E-05	0	0	3.68384E-09	3.68384E-09	0.003683844
578645.014141216.41	578645.01	4141216	9.66344E-05	0.000827017	8.67599E-05	8.67196E-05	0.000294683	1.41009E-05	0	0	4.28318E-09	4.28318E-09	0.004283179
578665.014141216.41	578665.01	4141216	0.00011312	0.000964614	0.000101195	0.000101148	0.000343712	1.6447E-05	0	0	4.99696E-09	4.99696E-09	0.004996963
578685.014141216.41	578685.01	4141216	0.000133407	0.001132962	0.000118856	0.000118801	0.000403697	1.93174E-05	0	0	5.8706E-09	5.8706E-09	0.005870596
578705.014141216.41	578705.01	4141216	0.000157802	0.001334276	0.000139975	0.00013991	0.00047543	2.27499E-05	0	0	6.91569E-09	6.91569E-09	0.006915691
578725.014141216.41	578725.01	4141216	0.0001877	0.001579437	0.000165694	0.000165617	0.000562785	2.69299E-05	0	0	8.18894E-09	8.18894E-09	0.008188945
578745.014141216.41	578745.01	4141216	0.000224634	0.001880561	0.000197284	0.000197192	0.000670082	3.20642E-05	0	0	9.75345E-09	9.75345E-09	0.009753449
578765.014141216.41	578765.01	4141216	0.000270284	0.002250744	0.000236119	0.000236009	0.000801986	3.83759E-05	0	0	1.16775E-08	1.16775E-08	0.011677452
578785.014141216.41	578785.01	4141216	0.000325729	0.002698717	0.000283114	0.000282983	0.000961608	4.6014E-05	0	0	1.40063E-08	1.40063E-08	0.014006332
578805.014141216.41	578805.01	4141216	0.000392642	0.003238031	0.000339692	0.000339534	0.001153776	5.52095E-05	0	0	1.68105E-08	1.68105E-08	0.016810526
578825.014141216.41	578825.01	4141216	0.000475087	0.003900608	0.000409201	0.000409011	0.001389866	6.65067E-05	0	0	2.02563E-08	2.02563E-08	0.020256317
578845.014141216.41	578845.01	4141216	0.000577238	0.004718504	0.000495004	0.000494774	0.001681299	8.04521E-05	0	0	2.45109E-08	2.45109E-08	0.024510934
578925.014141216.41	578925.01	4141216	0.001284795	0.010287153	0.001079195	0.001078694	0.003665521	0.000175399	0	0	5.35127E-08	5.35127E-08	0.053512722
578945.014141216.41	578945.01	4141216	0.001562886	0.012443365	0.001305396	0.00130479	0.004433823	0.000212164	0	0	6.47541E-08	6.47541E-08	0.064754064
578965.014141216.41	578965.01	4141216	0.001893068	0.015000185	0.001573625	0.001572894	0.00534487	0.000255758	0	0	7.80852E-08	7.80852E-08	0.078085171
578985.014141216.41	578985.01	4141216	0.002243582	0.017740794	0.001861134	0.00186027	0.006321404	0.000302486	0	0	9.23649E-08	9.23649E-08	0.092364887
579005.014141216.41	579005.01	4141216	0.002603516	0.020617892	0.002162962	0.002161958	0.007346573	0.000351542	0	0	1.07333E-07	1.07333E-07	0.107332974
579025.014141216.41	579025.01	4141216	0.00294422	0.023458572	0.002460969	0.002459827	0.008358765	0.000399976	0	0	1.2207E-07	1.2207E-07	0.122069962
579045.014141216.41	579045.01	4141216	0.003235847	0.026078457	0.002735813	0.002734543	0.009292283	0.000444646	0	0	1.35597E-07	1.35597E-07	0.135597405
579065.014141216.41	579065.01	4141216	0.003442704	0.028214016	0.002959848	0.002958475	0.010053226	0.000481058	0	0	1.46537E-07	1.46537E-07	0.146536545
579085.014141216.41	579085.01	4141216	0.003526256	0.029495586	0.003094294	0.003092858	0.010509875	0.00050291	0	0	1.52986E-07	1.52986E-07	0.152986095
579105.014141216.41	579105.01	4141216	0.003487437	0.029848374	0.003131304	0.003129851	0.010635581	0.000508925	0	0	1.54586E-07	1.54586E-07	0.154586138
579125.014141216.41	579125.01	4141216	0.003344125	0.029316879	0.003075547	0.003074119	0.010446198	0.000499863	0	0	1.51603E-07	1.51603E-07	0.151603102
579145.014141216.41	579145.01	4141216	0.003114605	0.02793817	0.00293091	0.00292955	0.009954936	0.000476355	0	0	1.44269E-07	1.44269E-07	0.14426856
579165.014141216.41	579165.01	4141216	0.002823843	0.025854275	0.002712295	0.002711036	0.009212402	0.000440824	0	0	1.33342E-07	1.33342E-07	0.133341834
579185.014141216.41	579185.01	4141216	0.002510513	0.023382867	0.002453027	0.002451888	0.00833179	0.000398686	0	0	1.20473E-07	1.20473E-07	0.120472578
579205.014141216.41	579205.01	4141216	0.00220339	0.020792951	0.002181327	0.002180314	0.00740895	0.000354527	0	0	1.07046E-07	1.07046E-07	0.107046452
579225.014141216.41	579225.01	4141216	0.001920582	0.018287925	0.001918532	0.001917641	0.006516358	0.000311815	0	0	9.41008E-08	9.41008E-08	0.094100821
579245.014141216.41	579245.01	4141216	0.001662029	0.01591548	0.001669646	0.001668871	0.005671008	0.000271364	0	0	8.18667E-08	8.18667E-08	0.081866697
578385.014141236.41	578385.01	4141236	2.20401E-05	0.000191802	2.01214E-05	2.01121E-05	6.8343E-05	3.27029E-06	0	0	9.92304E-10	9.92304E-10	0.000992304

578405.014141236.41	578405.01	4141236	2.38229E-05	0.000207178	2.17344E-05	2.17243E-05	7.38216E-05	3.53245E-06	0	0	1.0719E-09	1.0719E-09	0.001071895
578425.014141236.41	578425.01	4141236	2.57672E-05	0.000224052	2.35046E-05	2.34937E-05	7.98341E-05	3.82015E-06	0	0	1.15921E-09	1.15921E-09	0.001159209
578445.014141236.41	578445.01	4141236	2.8049E-05	0.000243727	2.55687E-05	2.55568E-05	8.68449E-05	4.15563E-06	0	0	1.26106E-09	1.26106E-09	0.00126106
578465.014141236.41	578465.01	4141236	3.07123E-05	0.00026666	2.79745E-05	2.79615E-05	9.50163E-05	4.54664E-06	0	0	1.37978E-09	1.37978E-09	0.001379785
578485.014141236.41	578485.01	4141236	3.45495E-05	0.000293371	3.07767E-05	3.07624E-05	0.000104534	5.00208E-06	0	0	1.52016E-09	1.52016E-09	0.001520157
578505.014141236.41	578505.01	4141236	3.83427E-05	0.000325947	3.41941E-05	3.41782E-05	0.000116141	5.5575E-06	0	0	1.68883E-09	1.68883E-09	0.001688829
578525.014141236.41	578525.01	4141236	4.27888E-05	0.000370965	3.89169E-05	3.88988E-05	0.000132182	6.32508E-06	0	0	1.91967E-09	1.91967E-09	0.001919675
578545.014141236.41	578545.01	4141236	4.79027E-05	0.000414877	4.35235E-05	4.35033E-05	0.000147829	7.07378E-06	0	0	2.14705E-09	2.14705E-09	0.002147046
578565.014141236.41	578565.01	4141236	5.41244E-05	0.000468169	4.91143E-05	4.90915E-05	0.000166818	7.98244E-06	0	0	2.42304E-09	2.42304E-09	0.002423038
578585.014141236.41	578585.01	4141236	6.1674E-05	0.000532538	5.5867E-05	5.5841E-05	0.000189754	9.07995E-06	0	0	2.75649E-09	2.75649E-09	0.002756487
578605.014141236.41	578605.01	4141236	7.05223E-05	0.000607851	6.37679E-05	6.37383E-05	0.00021659	1.03641E-05	0	0	3.14668E-09	3.14668E-09	0.003146678
578625.014141236.41	578625.01	4141236	8.13369E-05	0.000699518	7.33843E-05	7.33503E-05	0.000249252	1.1927E-05	0	0	3.62172E-09	3.62172E-09	0.003621719
578645.014141236.41	578645.01	4141236	9.48589E-05	0.0008134	8.53314E-05	8.52918E-05	0.000289831	1.38687E-05	0	0	4.21214E-09	4.21214E-09	0.004212135
578665.014141236.41	578665.01	4141236	0.000111411	0.000951975	9.98689E-05	9.98225E-05	0.000339208	1.62315E-05	0	0	4.93084E-09	4.93084E-09	0.004930844
578685.014141236.41	578685.01	4141236	0.000131881	0.001122212	0.000117728	0.000117673	0.000399867	1.91341E-05	0	0	5.81416E-09	5.81416E-09	0.005814157
578705.014141236.41	578705.01	4141236	0.000156841	0.001328673	0.000139387	0.000139322	0.000473433	2.26543E-05	0	0	6.8858E-09	6.8858E-09	0.006885804
578725.014141236.41	578725.01	4141236	0.000187597	0.001581326	0.000165892	0.000165815	0.000563458	2.69621E-05	0	0	8.19781E-09	8.19781E-09	0.008197812
578745.014141236.41	578745.01	4141236	0.000225529	0.001890855	0.000198364	0.000198272	0.00067375	3.22397E-05	0	0	9.80589E-09	9.80589E-09	0.009805888
578765.014141236.41	578765.01	4141236	0.000273014	0.002275827	0.00023875	0.000238639	0.000810923	3.88036E-05	0	0	1.18068E-08	1.18068E-08	0.011806786
578785.014141236.41	578785.01	4141236	0.000332934	0.002758851	0.000289423	0.000289288	0.000983034	4.70393E-05	0	0	1.43183E-08	1.43183E-08	0.014318274
578805.014141236.41	578805.01	4141236	0.000405166	0.003339274	0.000350313	0.000350151	0.001189851	5.69357E-05	0	0	1.73368E-08	1.73368E-08	0.017336842
578825.014141236.41	578825.01	4141236	0.000495182	0.004059966	0.000425919	0.000425721	0.001446648	6.92238E-05	0	0	2.10858E-08	2.10858E-08	0.021085826
578945.014141236.41	578945.01	4141236	0.001731128	0.013712751	0.001438564	0.001437896	0.004886131	0.000233807	0	0	7.13848E-08	7.13848E-08	0.071384816
578965.014141236.41	578965.01	4141236	0.002106991	0.016601642	0.001741629	0.00174082	0.005915502	0.000283064	0	0	8.64553E-08	8.64553E-08	0.086455254
578985.014141236.41	578985.01	4141236	0.002534145	0.01991225	0.002088935	0.002087965	0.007095138	0.00033951	0	0	1.03716E-07	1.03716E-07	0.103715516
579005.014141236.41	579005.01	4141236	0.002953383	0.023245986	0.002438667	0.002437535	0.008283016	0.000396352	0	0	1.21065E-07	1.21065E-07	0.121065435
579025.014141236.41	579025.01	4141236	0.00334703	0.026531251	0.002783315	0.002782023	0.009453623	0.000452367	0	0	1.38108E-07	1.38108E-07	0.138107782
579045.014141236.41	579045.01	4141236	0.003670324	0.029480536	0.003092715	0.00309128	0.010504513	0.000502653	0	0	1.53322E-07	1.53322E-07	0.153321852
579065.014141236.41	579065.01	4141236	0.003879286	0.031759686	0.003331814	0.003330268	0.01131662	0.000541513	0	0	1.64963E-07	1.64963E-07	0.164963035
579085.014141236.41	579085.01	4141236	0.003949743	0.033119631	0.003474482	0.003472869	0.011801196	0.000564701	0	0	1.71755E-07	1.71755E-07	0.171755365
579105.014141236.41	579105.01	4141236	0.003865309	0.03327091	0.003490352	0.003488732	0.0118551	0.00056728	0	0	1.72249E-07	1.72249E-07	0.17224917
579125.014141236.41	579125.01	4141236	0.003652136	0.032280888	0.003386492	0.00338492	0.011502335	0.0005504	0	0	1.66845E-07	1.66845E-07	0.166845191
579145.014141236.41	579145.01	4141236	0.003344463	0.030306119	0.003179325	0.003177849	0.010798685	0.000516729	0	0	1.56399E-07	1.56399E-07	0.156399487
579165.014141236.41	579165.01	4141236	0.002988887	0.027675549	0.00290336	0.002902012	0.009861359	0.000471877	0	0	1.42639E-07	1.42639E-07	0.142638831
579185.014141236.41	579185.01	4141236	0.002620156	0.024683461	0.002589468	0.002588266	0.008795217	0.000420861	0	0	1.27088E-07	1.27088E-07	0.127088364
579205.014141236.41	579205.01	4141236	0.002270332	0.021655214	0.002271784	0.00227073	0.007716192	0.000369229	0	0	1.11416E-07	1.11416E-07	0.111416255
579225.014141236.41	579225.01	4141236	0.001958418	0.01882561	0.001974939	0.001974022	0.006707946	0.000320983	0	0	9.68146E-08	9.68146E-08	0.096814632
579245.014141236.41	579245.01	4141236	0.001676791	0.016189372	0.001698379	0.00169759	0.005768601	0.000276034	0	0	8.32363E-08	8.32363E-08	0.083236288
578385.014141256.41	578385.01	4141256	2.20254E-05	0.000191542	2.00941E-05	2.00847E-05	6.82502E-05	3.26585E-06	0	0	9.90999E-10	9.90999E-10	0.000990999
578405.014141256.41	578405.01	4141256	2.37202E-05	0.000206266	2.16387E-05	2.16287E-05	7.34966E-05	3.5169E-06	0	0	1.06718E-09	1.06718E-09	0.001067182
578425.014141256.41	578425.01	4141256	2.63101E-05	0.000223139	2.34089E-05	2.3398E-05	7.95091E-05	3.8046E-06	0	0	1.15633E-09	1.15633E-09	0.001156328
578445.014141256.41	578445.01	4141256	2.85259E-05	0.000241903	2.53773E-05	2.53655E-05	8.61948E-05	4.12452E-06	0	0	1.25357E-09	1.25357E-09	0.00125357
578465.014141256.41	578465.01	4141256	3.10938E-05	0.000263663	2.76601E-05	2.76473E-05	9.39484E-05	4.49554E-06	0	0	1.36634E-09	1.36634E-09	0.001366339
578485.014141256.41	578485.01	4141256	3.41239E-05	0.000289528	3.03735E-05	3.03594E-05	0.000103165	4.93654E-06	0	0	1.50032E-09	1.50032E-09	0.001500317
578505.014141256.41	578505.01	4141256	3.77924E-05	0.000328162	3.44265E-05	3.44105E-05	0.000116931	5.59526E-06	0	0	1.69801E-09	1.69801E-09	0.001698006
578525.014141256.41	578525.01	4141256	4.20478E-05	0.000364776	3.82676E-05	3.82498E-05	0.000129977	6.21955E-06	0	0	1.88757E-09	1.88757E-09	0.001887569
578545.014141256.41	578545.01	4141256	4.69929E-05	0.000407319	4.27306E-05	4.27108E-05	0.000145136	6.94493E-06	0	0	2.10783E-09	2.10783E-09	0.002107829
578565.014141256.41	578565.01	4141256	5.30312E-05	0.000459114	4.81642E-05	4.81419E-05	0.000163591	7.82804E-06	0	0	2.37604E-09	2.37604E-09	0.002376037
578585.014141256.41	578585.01	4141256	6.04194E-05	0.000522374	5.48007E-05	5.47753E-05	0.000186133	8.90666E-06	0	0	2.70366E-09	2.70366E-09	0.00270366
578605.014141256.41	578605.01	4141256	6.92677E-05	0.000597818	6.27153E-05	6.26862E-05	0.000213015	1.0193E-05	0	0	3.09448E-09	3.09448E-09	0.003094483
578625.014141256.41	578625.01	4141256	7.97595E-05	0.000687074	7.20789E-05	7.20454E-05	0.000244818	1.17148E-05	0	0	3.55692E-09	3.55692E-09	0.003556922

578645.014141256.41	578645.01	4141256	9.27458E-05	0.000797048	8.36159E-05	8.35771E-05	0.000284004	1.35899E-05	0	0	4.12687E-09	4.12687E-09	0.00412687
578665.014141256.41	578665.01	4141256	0.000109276	0.000935948	9.81875E-05	9.81419E-05	0.000333497	1.59582E-05	0	0	4.8471E-09	4.8471E-09	0.004847095
578685.014141256.41	578685.01	4141256	0.000129628	0.001105925	0.000116019	0.000115965	0.000394063	1.88564E-05	0	0	5.72881E-09	5.72881E-09	0.005728811
578705.014141256.41	578705.01	4141256	0.000155278	0.001318575	0.000138328	0.000138264	0.000469835	2.24821E-05	0	0	6.83242E-09	6.83242E-09	0.006832418
578725.014141256.41	578725.01	4141256	0.000186666	0.001577156	0.000165455	0.000165378	0.000561973	2.6891E-05	0	0	8.17496E-09	8.17496E-09	0.008174956
578745.014141256.41	578745.01	4141256	0.000225823	0.001897174	0.000199027	0.000198935	0.000676002	3.23475E-05	0	0	9.83736E-09	9.83736E-09	0.009837356
578765.014141256.41	578765.01	4141256	0.000275237	0.002298109	0.000241088	0.000240976	0.000818863	3.91835E-05	0	0	1.19211E-08	1.19211E-08	0.011921103
578785.014141256.41	578785.01	4141256	0.000338011	0.002803805	0.000294139	0.000294002	0.000999052	4.78058E-05	0	0	1.45506E-08	1.45506E-08	0.014550594
578805.014141256.41	578805.01	4141256	0.000417595	0.003441169	0.000361003	0.000360835	0.001226158	5.86731E-05	0	0	1.7866E-08	1.7866E-08	0.017866046
578965.014141256.41	578965.01	4141256	0.002366842	0.018530349	0.001943964	0.001943061	0.006602739	0.000315949	0	0	9.6542E-08	9.6542E-08	0.096542004
578985.014141256.41	578985.01	4141256	0.002861056	0.02232587	0.002342141	0.002341053	0.00795516	0.000380664	0	0	1.16343E-07	1.16343E-07	0.116343165
579005.014141256.41	579005.01	4141256	0.003377031	0.026400429	0.002769591	0.002768305	0.009407008	0.000450136	0	0	1.37559E-07	1.37559E-07	0.137558723
579025.014141256.41	579025.01	4141256	0.003828471	0.030174777	0.003165546	0.003164077	0.010751885	0.00051449	0	0	1.57136E-07	1.57136E-07	0.157135895
579045.014141256.41	579045.01	4141256	0.004191567	0.033552685	0.003519912	0.003518279	0.011955502	0.000572084	0	0	1.74541E-07	1.74541E-07	0.174540669
579065.014141256.41	579065.01	4141256	0.004403802	0.036048264	0.003781716	0.003779961	0.012844727	0.000614635	0	0	1.8724E-07	1.8724E-07	0.187240293
579085.014141256.41	579085.01	4141256	0.004438689	0.037353744	0.00391867	0.003916851	0.013309896	0.000636894	0	0	1.93668E-07	1.93668E-07	0.193667689
579105.014141256.41	579105.01	4141256	0.004280703	0.037105977	0.003892678	0.003890871	0.013221612	0.000632669	0	0	1.92018E-07	1.92018E-07	0.192018425
579125.014141256.41	579125.01	4141256	0.003978929	0.035526085	0.003726936	0.003725206	0.012658664	0.000605732	0	0	1.83504E-07	1.83504E-07	0.183503648
579145.014141256.41	579145.01	4141256	0.003584093	0.03287623	0.003448947	0.003447347	0.011714467	0.000560551	0	0	1.69538E-07	1.69538E-07	0.169538131
579165.014141256.41	579165.01	4141256	0.003151678	0.029564971	0.003101573	0.003100133	0.010534598	0.000504093	0	0	1.5226E-07	1.5226E-07	0.152259788
579185.014141256.41	579185.01	4141256	0.002725455	0.026000081	0.002727591	0.002726325	0.009264356	0.00044331	0	0	1.3377E-07	1.3377E-07	0.13376952
579205.014141256.41	579205.01	4141256	0.00232982	0.022478256	0.002358127	0.002357032	0.008009458	0.000383262	0	0	1.15575E-07	1.15575E-07	0.115574786
579225.014141256.41	579225.01	4141256	0.001981361	0.019239118	0.002018319	0.002017382	0.006855288	0.000328033	0	0	9.88842E-08	9.88842E-08	0.098884235
579245.014141256.41	579245.01	4141256	0.001681832	0.016374007	0.001717748	0.001716951	0.005834391	0.000279182	0	0	8.41456E-08	8.41456E-08	0.084145624
579265.014141256.41	579265.01	4141256	0.001426757	0.013891719	0.001457339	0.001456662	0.004949901	0.000236858	0	0	7.13889E-08	7.13889E-08	0.071388893
578385.014141276.41	578385.01	4141276	2.28251E-05	0.000198513	2.08254E-05	2.08157E-05	7.07341E-05	3.38471E-06	0	0	1.02706E-09	1.02706E-09	0.00102706
578405.014141276.41	578405.01	4141276	2.37496E-05	0.000206331	2.16455E-05	2.16355E-05	7.35198E-05	3.51801E-06	0	0	1.06758E-09	1.06758E-09	0.001067582
578425.014141276.41	578425.01	4141276	2.62368E-05	0.000222358	2.33269E-05	2.33161E-05	7.92305E-05	3.79127E-06	0	0	1.15233E-09	1.15233E-09	0.00115233
578445.014141276.41	578445.01	4141276	2.84452E-05	0.000241316	2.53158E-05	2.5304E-05	8.59859E-05	4.11452E-06	0	0	1.2505E-09	1.2505E-09	0.001250499
578465.014141276.41	578465.01	4141276	3.09177E-05	0.00026223	2.75097E-05	2.7497E-05	9.34377E-05	4.4711E-06	0	0	1.35889E-09	1.35889E-09	0.001358892
578485.014141276.41	578485.01	4141276	3.38451E-05	0.000287117	3.01206E-05	3.01066E-05	0.000102306	4.89544E-06	0	0	1.48784E-09	1.48784E-09	0.00148784
578505.014141276.41	578505.01	4141276	3.72788E-05	0.000316435	3.31962E-05	3.31808E-05	0.000112752	5.39531E-06	0	0	1.6397E-09	1.6397E-09	0.001639701
578525.014141276.41	578525.01	4141276	4.13875E-05	0.000359173	3.76798E-05	3.76623E-05	0.000127981	6.12402E-06	0	0	1.85854E-09	1.85854E-09	0.001858536
578545.014141276.41	578545.01	4141276	4.61932E-05	0.000400609	4.20267E-05	4.20072E-05	0.000142745	6.83051E-06	0	0	2.07303E-09	2.07303E-09	0.002073031
578565.014141276.41	578565.01	4141276	5.19526E-05	0.000450188	4.72279E-05	4.7206E-05	0.000160411	7.67585E-06	0	0	2.32971E-09	2.32971E-09	0.00232971
578585.014141276.41	578585.01	4141276	5.91208E-05	0.00051169	5.36799E-05	5.36549E-05	0.000182325	8.72448E-06	0	0	2.64818E-09	2.64818E-09	0.002648181
578605.014141276.41	578605.01	4141276	6.7683E-05	0.000584984	6.13689E-05	6.13404E-05	0.000208442	9.97417E-06	0	0	3.02777E-09	3.02777E-09	0.00302777
578625.014141276.41	578625.01	4141276	7.82261E-05	0.000674956	7.08076E-05	7.07748E-05	0.000240501	1.15082E-05	0	0	3.49383E-09	3.49383E-09	0.003493829
578645.014141276.41	578645.01	4141276	9.08676E-05	0.000782454	8.20849E-05	8.20468E-05	0.000278804	1.33411E-05	0	0	4.0508E-09	4.0508E-09	0.004050797
578665.014141276.41	578665.01	4141276	0.000106891	0.000917836	9.62875E-05	9.62428E-05	0.000327044	1.56494E-05	0	0	4.75253E-09	4.75253E-09	0.004752532
578685.014141276.41	578685.01	4141276	0.000127046	0.001087031	0.000114037	0.000113984	0.000387331	1.85342E-05	0	0	5.6299E-09	5.6299E-09	0.005629897
578705.014141276.41	578705.01	4141276	0.0001526	0.001299877	0.000136366	0.000136303	0.000463173	2.21633E-05	0	0	6.73418E-09	6.73418E-09	0.00673418
578725.014141276.41	578725.01	4141276	0.000185132	0.001568622	0.000164559	0.000164483	0.000558932	2.67455E-05	0	0	8.12923E-09	8.12923E-09	0.008129233
578745.014141276.41	578745.01	4141276	0.000225228	0.00189737	0.000199047	0.000198955	0.000676071	3.23508E-05	0	0	9.83662E-09	9.83662E-09	0.009836617
578765.014141276.41	578765.01	4141276	0.000277071	0.002318435	0.00024322	0.000243107	0.000826106	3.95301E-05	0	0	1.20248E-08	1.20248E-08	0.012024843
578785.014141276.41	578785.01	4141276	0.000343118	0.002850582	0.000299046	0.000298907	0.00101572	4.86034E-05	0	0	1.47918E-08	1.47918E-08	0.014791841
578985.014141276.41	578985.01	4141276	0.003262326	0.02525802	0.002649744	0.002648514	0.008999945	0.000430658	0	0	1.31695E-07	1.31695E-07	0.131695389
579005.014141276.41	579005.01	4141276	0.003870511	0.030021674	0.003149484	0.003148023	0.010697331	0.00051188	0	0	1.56513E-07	1.56513E-07	0.156512982
579025.014141276.41	579025.01	4141276	0.004424081	0.034658675	0.003635938	0.003634251	0.012349588	0.000590942	0	0	1.80562E-07	1.80562E-07	0.180561676
579045.014141276.41	579045.01	4141276	0.004825799	0.038504883	0.004039433	0.004037558	0.01372007	0.000656521	0	0	2.00346E-07	2.00346E-07	0.200346139
579065.014141276.41	579065.01	4141276	0.00503482	0.041255069	0.004327947	0.004325938	0.014700017	0.000703413	0	0	2.14271E-07	2.14271E-07	0.214270875

579085.014141276.41	579085.01	4141276	0.004994951	0.042232908	0.004430529	0.004428472	0.015048441	0.000720085	0	0	2.18898E-07	2.18898E-07	0.218897929
579105.014141276.41	579105.01	4141276	0.004745687	0.041517168	0.004355443	0.004353421	0.014793409	0.000707882	0	0	2.14721E-07	2.14721E-07	0.214721171
579125.014141276.41	579125.01	4141276	0.004333067	0.039178666	0.004110117	0.00410821	0.013960153	0.000668009	0	0	2.02215E-07	2.02215E-07	0.20221451
579145.014141276.41	579145.01	4141276	0.003835052	0.035690263	0.003744159	0.003742421	0.012717164	0.000608531	0	0	1.83891E-07	1.83891E-07	0.183891347
579165.014141276.41	579165.01	4141276	0.003311028	0.0315228	0.003306963	0.003305428	0.011232213	0.000537474	0	0	1.62203E-07	1.62203E-07	0.162202595
579185.014141276.41	579185.01	4141276	0.00281294	0.027212983	0.002854833	0.002853508	0.009696537	0.00046399	0	0	1.39897E-07	1.39897E-07	0.139897352
579205.014141276.41	579205.01	4141276	0.002369146	0.023142463	0.002427807	0.00242668	0.008246129	0.000394587	0	0	1.18906E-07	1.18906E-07	0.118906147
579225.014141276.41	579225.01	4141276	0.001989373	0.019519785	0.002047763	0.002046812	0.006955295	0.000332819	0	0	1.00268E-07	1.00268E-07	0.100267522
579245.014141276.41	579245.01	4141276	0.001670056	0.016399025	0.001720373	0.001719574	0.005843305	0.000279609	0	0	8.42335E-08	8.42335E-08	0.084233493
579265.014141276.41	579265.01	4141276	0.001410183	0.013821292	0.001449951	0.001449278	0.004924806	0.000235658	0	0	7.10005E-08	7.10005E-08	0.07100047
578385.014141296.41	578385.01	4141296	2.23776E-05	0.000194148	2.03675E-05	2.0358E-05	6.91787E-05	3.31028E-06	0	0	1.00463E-09	1.00463E-09	0.001004631
578405.014141296.41	578405.01	4141296	2.46447E-05	0.000214084	2.24589E-05	2.24484E-05	7.62823E-05	3.6502E-06	0	0	1.1077E-09	1.1077E-09	0.001107704
578425.014141296.41	578425.01	4141296	2.63028E-05	0.000223139	2.34089E-05	2.3398E-05	7.95091E-05	3.8046E-06	0	0	1.15631E-09	1.15631E-09	0.001156307
578445.014141296.41	578445.01	4141296	2.84012E-05	0.00024086	2.52679E-05	2.52562E-05	8.58234E-05	4.10675E-06	0	0	1.24816E-09	1.24816E-09	0.001248163
578465.014141296.41	578465.01	4141296	3.08737E-05	0.000261969	2.74824E-05	2.74696E-05	9.33449E-05	4.46666E-06	0	0	1.3575E-09	1.3575E-09	0.001357503
578485.014141296.41	578485.01	4141296	3.37131E-05	0.000292785	3.07152E-05	3.0701E-05	0.000104325	4.99208E-06	0	0	1.51494E-09	1.51494E-09	0.001514942
578505.014141296.41	578505.01	4141296	3.7E-05	0.000321256	3.3702E-05	3.36863E-05	0.00011447	5.47752E-06	0	0	1.66228E-09	1.66228E-09	0.001662281
578525.014141296.41	578525.01	4141296	4.09033E-05	0.000355004	3.72424E-05	3.72251E-05	0.000126495	6.05293E-06	0	0	1.83695E-09	1.83695E-09	0.001836949
578545.014141296.41	578545.01	4141296	4.55255E-05	0.000394941	4.1432E-05	4.14128E-05	0.000140725	6.73387E-06	0	0	2.04366E-09	2.04366E-09	0.002043661
578565.014141296.41	578565.01	4141296	5.10722E-05	0.000442826	4.64556E-05	4.6434E-05	0.000157788	7.55033E-06	0	0	2.29152E-09	2.29152E-09	0.002291525
578585.014141296.41	578585.01	4141296	5.78295E-05	0.000501005	5.2559E-05	5.25346E-05	0.000178518	8.5423E-06	0	0	2.59272E-09	2.59272E-09	0.002592723
578605.014141296.41	578605.01	4141296	6.61569E-05	0.00057254	6.00635E-05	6.00356E-05	0.000204008	9.762E-06	0	0	2.96312E-09	2.96312E-09	0.002963119
578625.014141296.41	578625.01	4141296	7.64432E-05	0.000660623	6.9304E-05	6.92718E-05	0.000235393	1.12638E-05	0	0	3.41929E-09	3.41929E-09	0.003419291
578645.014141296.41	578645.01	4141296	8.90847E-05	0.000768512	8.06223E-05	8.05849E-05	0.000273836	1.31034E-05	0	0	3.97815E-09	3.97815E-09	0.003978154
578665.014141296.41	578665.01	4141296	0.00010447	0.000899334	9.43464E-05	9.43026E-05	0.000320451	1.53339E-05	0	0	4.65597E-09	4.65597E-09	0.00465597
578685.014141296.41	578685.01	4141296	0.000124258	0.001066379	0.000111871	0.000111819	0.000379972	1.81821E-05	0	0	5.52187E-09	5.52187E-09	0.005521872
578705.014141296.41	578705.01	4141296	0.000149592	0.001278703	0.000134145	0.000134083	0.000455628	2.18023E-05	0	0	6.623E-09	6.623E-09	0.006623005
578725.014141296.41	578725.01	4141296	0.000182065	0.00154836	0.000162434	0.000162358	0.000551712	2.64001E-05	0	0	8.02231E-09	8.02231E-09	0.008022313
578745.014141296.41	578745.01	4141296	0.000223871	0.001892353	0.000198521	0.000198429	0.000674284	3.22652E-05	0	0	9.80845E-09	9.80845E-09	0.009808448
579005.014141296.41	579005.01	4141296	0.004481874	0.034455602	0.003614635	0.003612957	0.012277229	0.000587479	0	0	1.79741E-07	1.79741E-07	0.179741217
579025.014141296.41	579025.01	4141296	0.005140493	0.039987767	0.004194998	0.00419305	0.014248452	0.000681805	0	0	2.08427E-07	2.08427E-07	0.208427313
579045.014141296.41	579045.01	4141296	0.005595609	0.044505804	0.004668971	0.004666804	0.01585832	0.000758839	0	0	2.3162E-07	2.3162E-07	0.23162001
579065.014141296.41	579065.01	4141296	0.005763661	0.047275339	0.004959515	0.004957213	0.016845162	0.00080606	0	0	2.45522E-07	2.45522E-07	0.245522318
579085.014141296.41	579085.01	4141296	0.00564266	0.048042353	0.00503998	0.005037641	0.017118464	0.000819138	0	0	2.48897E-07	2.48897E-07	0.248897209
579105.014141296.41	579105.01	4141296	0.005268045	0.046648659	0.004893772	0.004891501	0.016621863	0.000795375	0	0	2.41078E-07	2.41078E-07	0.241078403
579125.014141296.41	579125.01	4141296	0.00471284	0.043281501	0.004540533	0.004538426	0.015422076	0.000737964	0	0	2.23181E-07	2.23181E-07	0.223180736
579145.014141296.41	579145.01	4141296	0.004073502	0.038569186	0.004046179	0.0040443	0.013742983	0.000657617	0	0	1.98524E-07	1.98524E-07	0.198523632
579165.014141296.41	579165.01	4141296	0.00345211	0.033425707	0.003506591	0.003504964	0.011910257	0.000569919	0	0	1.71827E-07	1.71827E-07	0.171827337
579185.014141296.41	579185.01	4141296	0.002877799	0.028272456	0.002965979	0.002964603	0.010074049	0.000482055	0	0	1.45217E-07	1.45217E-07	0.145217234
579205.014141296.41	579205.01	4141296	0.002386307	0.023617734	0.002477666	0.002476516	0.008415477	0.00040269	0	0	1.21259E-07	1.21259E-07	0.121258746
579225.014141296.41	579225.01	4141296	0.00197902	0.019625589	0.002058862	0.002057907	0.006992995	0.000334623	0	0	1.00751E-07	1.00751E-07	0.100751046
579245.014141296.41	579245.01	4141296	0.001643144	0.016269506	0.001706786	0.001705993	0.005797155	0.0002774	0	0	8.35293E-08	8.35293E-08	0.083529293
579265.014141296.41	579265.01	4141296	0.001378957	0.013600563	0.001426795	0.001426132	0.004846156	0.000231894	0	0	6.98419E-08	6.98419E-08	0.069841883
579285.014141296.41	579285.01	4141296	0.001164528	0.01142839	0.001198918	0.001198362	0.004072167	0.000194858	0	0	5.87038E-08	5.87038E-08	0.058703771
578385.014141316.41	578385.01	4141316	2.31259E-05	0.000196884	2.06545E-05	2.06449E-05	7.01537E-05	3.35694E-06	0	0	1.02002E-09	1.02002E-09	0.001020018
578405.014141316.41	578405.01	4141316	2.46887E-05	0.000209849	2.20146E-05	2.20044E-05	7.47734E-05	3.57799E-06	0	0	1.0873E-09	1.0873E-09	0.0010873
578425.014141316.41	578425.01	4141316	2.67137E-05	0.000231674	2.43042E-05	2.4293E-05	8.25502E-05	3.95012E-06	0	0	1.19884E-09	1.19884E-09	0.001198845
578445.014141316.41	578445.01	4141316	2.85919E-05	0.000248092	2.60266E-05	2.60145E-05	8.84002E-05	4.23005E-06	0	0	1.28376E-09	1.28376E-09	0.00128376
578465.014141316.41	578465.01	4141316	3.08737E-05	0.000261904	2.74756E-05	2.74628E-05	9.33217E-05	4.46555E-06	0	0	1.35719E-09	1.35719E-09	0.001357188
578485.014141316.41	578485.01	4141316	3.36397E-05	0.000291873	3.06195E-05	3.06053E-05	0.000104	4.97653E-06	0	0	1.51031E-09	1.51031E-09	0.001510312
578505.014141316.41	578505.01	4141316	3.68826E-05	0.000319953	3.35653E-05	3.35497E-05	0.000114006	5.4553E-06	0	0	1.65563E-09	1.65563E-09	0.001655631

578525.014141316.41	578525.01	4141316	4.06465E-05	0.000352658	3.69963E-05	3.69791E-05	0.000125659	6.01294E-06	0	0	1.82485E-09	1.82485E-09	0.001824851
578545.014141316.41	578545.01	4141316	4.50706E-05	0.000390966	4.10151E-05	4.09961E-05	0.000139309	6.66611E-06	0	0	2.02311E-09	2.02311E-09	0.002023105
578565.014141316.41	578565.01	4141316	5.04119E-05	0.000437158	4.58609E-05	4.58396E-05	0.000155768	7.45369E-06	0	0	2.26218E-09	2.26218E-09	0.002262175
578585.014141316.41	578585.01	4141316	5.68684E-05	0.000492992	5.17183E-05	5.16943E-05	0.000175663	8.40567E-06	0	0	2.55115E-09	2.55115E-09	0.00255115
578605.014141316.41	578605.01	4141316	6.48803E-05	0.000562051	5.89631E-05	5.89357E-05	0.00020027	9.58315E-06	0	0	2.90865E-09	2.90865E-09	0.00290865
578625.014141316.41	578625.01	4141316	7.47337E-05	0.000646811	6.7855E-05	6.78236E-05	0.000230472	1.10283E-05	0	0	3.34749E-09	3.34749E-09	0.003347487
578645.014141316.41	578645.01	4141316	8.71037E-05	0.000752811	7.89751E-05	7.89385E-05	0.000268242	1.28357E-05	0	0	3.89642E-09	3.89642E-09	0.003896421
578665.014141316.41	578665.01	4141316	0.000102284	0.000882525	9.2583E-05	9.25401E-05	0.000314461	1.50473E-05	0	0	4.56829E-09	4.56829E-09	0.004568286
578685.014141316.41	578685.01	4141316	0.000121433	0.00104527	0.000109656	0.000109605	0.000372451	1.78222E-05	0	0	5.41153E-09	5.41153E-09	0.005411532
578705.014141316.41	578705.01	4141316	0.00014621	0.001254337	0.000131589	0.000131528	0.000446946	2.13869E-05	0	0	6.49529E-09	6.49529E-09	0.006495292
578725.014141316.41	578725.01	4141316	0.00017847	0.001524059	0.000159884	0.00015981	0.000543053	2.59857E-05	0	0	7.89431E-09	7.89431E-09	0.007894312
579025.014141316.41	579025.01	4141316	0.006018148	0.046431123	0.004870951	0.00486869	0.01654435	0.000791666	0	0	2.42152E-07	2.42152E-07	0.242151875
579045.014141316.41	579045.01	4141316	0.006521042	0.051672718	0.005420831	0.005418315	0.018412037	0.000881037	0	0	2.68988E-07	2.68988E-07	0.268987625
579065.014141316.41	579065.01	4141316	0.006650047	0.054713408	0.005739821	0.005737157	0.019495497	0.000932882	0	0	2.84094E-07	2.84094E-07	0.284093606
579085.014141316.41	579085.01	4141316	0.006402052	0.055062874	0.005776482	0.005773801	0.019620018	0.00093884	0	0	2.85084E-07	2.85084E-07	0.285084123
579105.014141316.41	579105.01	4141316	0.005846751	0.052594398	0.005517522	0.005514961	0.01874045	0.000896752	0	0	2.71543E-07	2.71543E-07	0.271542622
579125.014141316.41	579125.01	4141316	0.005101343	0.047755757	0.005009914	0.005007589	0.017016344	0.000814252	0	0	2.45972E-07	2.45972E-07	0.245972228
579145.014141316.41	579145.01	4141316	0.004303066	0.041574565	0.004361464	0.00435944	0.01481386	0.00070886	0	0	2.13744E-07	2.13744E-07	0.21374372
579165.014141316.41	579165.01	4141316	0.003564342	0.035178052	0.003690425	0.003688712	0.012534653	0.000599798	0	0	1.8064E-07	1.8064E-07	0.180640374
579185.014141316.41	579185.01	4141316	0.002919054	0.029153352	0.003058391	0.003056972	0.01038793	0.000497074	0	0	1.49604E-07	1.49604E-07	0.14960449
579205.014141316.41	579205.01	4141316	0.002379615	0.023870256	0.002504158	0.002502995	0.008505456	0.000406996	0	0	1.22464E-07	1.22464E-07	0.122463886
579225.014141316.41	579225.01	4141316	0.001949034	0.019529884	0.002048822	0.002047871	0.006958893	0.000332991	0	0	1.00202E-07	1.00202E-07	0.100202036
579245.014141316.41	579245.01	4141316	0.001611962	0.016081548	0.001687067	0.001686284	0.005730182	0.000274196	0	0	8.25297E-08	8.25297E-08	0.082529688
579265.014141316.41	579265.01	4141316	0.001345552	0.013342568	0.001399729	0.001399079	0.004754227	0.000227495	0	0	6.84965E-08	6.84965E-08	0.068496463
579285.014141316.41	579285.01	4141316	0.001130925	0.011138732	0.001168531	0.001167989	0.003968956	0.000189919	0	0	5.72043E-08	5.72043E-08	0.0572043
578385.014141336.41	578385.01	4141336	2.35074E-05	0.000200663	2.10509E-05	2.10412E-05	7.15002E-05	3.42137E-06	0	0	1.03942E-09	1.03942E-09	0.001039418
578405.014141336.41	578405.01	4141336	2.50335E-05	0.000213302	2.23769E-05	2.23665E-05	7.60038E-05	3.63687E-06	0	0	1.10502E-09	1.10502E-09	0.001105017
578425.014141336.41	578425.01	4141336	2.67797E-05	0.00022783	2.3901E-05	2.38899E-05	8.11806E-05	3.88458E-06	0	0	1.1804E-09	1.1804E-09	0.001180399
578445.014141336.41	578445.01	4141336	2.88927E-05	0.000250307	2.6259E-05	2.62468E-05	8.91895E-05	4.26782E-06	0	0	1.29535E-09	1.29535E-09	0.001295352
578465.014141336.41	578465.01	4141336	3.14093E-05	0.000272002	2.85349E-05	2.85217E-05	9.69199E-05	4.63773E-06	0	0	1.40766E-09	1.40766E-09	0.001407659
578485.014141336.41	578485.01	4141336	3.37791E-05	0.00029272	3.07084E-05	3.06941E-05	0.000104302	4.99097E-06	0	0	1.51481E-09	1.51481E-09	0.001514814
578505.014141336.41	578505.01	4141336	3.68459E-05	0.000319366	3.35038E-05	3.34882E-05	0.000113797	5.4453E-06	0	0	1.65268E-09	1.65268E-09	0.001652685
578525.014141336.41	578525.01	4141336	4.05291E-05	0.00035129	3.68528E-05	3.68357E-05	0.000125172	5.98961E-06	0	0	1.81789E-09	1.81789E-09	0.001817886
578545.014141336.41	578545.01	4141336	4.49019E-05	0.000389142	4.08238E-05	4.08048E-05	0.000138659	6.635E-06	0	0	2.01378E-09	2.01378E-09	0.002013783
578565.014141336.41	578565.01	4141336	4.9957E-05	0.000433119	4.54372E-05	4.54161E-05	0.000154329	7.38482E-06	0	0	2.2413E-09	2.2413E-09	0.002241304
578585.014141336.41	578585.01	4141336	5.61347E-05	0.000486672	5.10553E-05	5.10316E-05	0.000173411	8.29792E-06	0	0	2.51843E-09	2.51843E-09	0.002518434
578605.014141336.41	578605.01	4141336	6.37871E-05	0.000552865	5.79994E-05	5.79725E-05	0.000196997	9.42653E-06	0	0	2.86102E-09	2.86102E-09	0.002861018
578625.014141336.41	578625.01	4141336	7.3303E-05	0.000635019	6.6618E-05	6.6587E-05	0.00022627	1.08273E-05	0	0	3.28626E-09	3.28626E-09	0.003286265
578645.014141336.41	578645.01	4141336	8.4932E-05	0.00073535	7.71434E-05	7.71076E-05	0.00026202	1.2538E-05	0	0	3.80562E-09	3.80562E-09	0.00380562
578665.014141336.41	578665.01	4141336	0.000100009	0.000864739	9.07172E-05	9.06751E-05	0.000308124	1.47441E-05	0	0	4.47561E-09	4.47561E-09	0.004475614
578685.014141336.41	578685.01	4141336	0.000118564	0.00102351	0.000107373	0.000107324	0.000364697	1.74512E-05	0	0	5.29791E-09	5.29791E-09	0.00529791
578705.014141336.41	578705.01	4141336	0.000142828	0.001229775	0.000129012	0.000128952	0.000438194	2.09681E-05	0	0	6.36663E-09	6.36663E-09	0.006366632
579025.014141336.41	579025.01	4141336	0.007139081	0.05458845	0.005726712	0.005724054	0.019450971	0.000930751	0	0	2.84875E-07	2.84875E-07	0.284875222
579045.014141336.41	579045.01	4141336	0.007685233	0.060726578	0.006370645	0.006367688	0.021638111	0.001035408	0	0	3.1618E-07	3.1618E-07	0.316179707
579065.014141336.41	579065.01	4141336	0.007728961	0.063960439	0.006709899	0.006706785	0.022790401	0.001090547	0	0	3.3198E-07	3.3198E-07	0.331980172
579085.014141336.41	579085.01	4141336	0.007278614	0.063492009	0.006660758	0.006657666	0.02262349	0.00108256	0	0	3.28432E-07	3.28432E-07	0.328431811
579105.014141336.41	579105.01	4141336	0.006467497	0.059368456	0.006228168	0.006225277	0.021154184	0.001012252	0	0	3.06141E-07	3.06141E-07	0.306141456
579125.014141336.41	579125.01	4141336	0.005489172	0.052605082	0.005518643	0.005516081	0.018744257	0.000896934	0	0	2.7058E-07	2.7058E-07	0.270579987
579145.014141336.41	579145.01	4141336	0.004517927	0.044673565	0.004686571	0.004684396	0.015918097	0.000761699	0	0	2.29376E-07	2.29376E-07	0.229375931
579165.014141336.41	579165.01	4141336	0.003645709	0.036744198	0.003854725	0.003852935	0.013092703	0.000626501	0	0	1.88463E-07	1.88463E-07	0.188463229
579185.014141336.41	579185.01	4141336	0.002928431	0.029755014	0.00312151	0.003120061	0.010602315	0.000507333	0	0	1.52548E-07	1.52548E-07	0.152547699

579205.014141336.41	579205.01	4141336	0.002348081	0.02386778	0.002503898	0.002502736	0.008504574	0.000406954	0	0	1.22362E-07	1.22362E-07	0.122362425
579225.014141336.41	579225.01	4141336	0.001913971	0.019359711	0.00203097	0.002030027	0.006898258	0.00033009	0	0	9.92776E-08	9.92776E-08	0.09927764
579245.014141336.41	579245.01	4141336	0.001570722	0.015772541	0.00165465	0.001653882	0.005620076	0.000268927	0	0	8.09148E-08	8.09148E-08	0.080914751
579265.014141336.41	579265.01	4141336	0.001303064	0.012976098	0.001361284	0.001360652	0.004623647	0.000221247	0	0	6.65994E-08	6.65994E-08	0.066599434
579285.014141336.41	579285.01	4141336	0.001093265	0.01079337	0.0011323	0.001131775	0.003845897	0.000184031	0	0	5.54233E-08	5.54233E-08	0.055423293
578385.014141356.41	578385.01	4141356	2.40064E-05	0.000205614	2.15704E-05	2.15603E-05	7.32645E-05	3.50579E-06	0	0	1.06484E-09	1.06484E-09	0.001064836
578405.014141356.41	578405.01	4141356	2.55618E-05	0.000218514	2.29236E-05	2.2913E-05	7.78609E-05	3.72573E-06	0	0	1.13178E-09	1.13178E-09	0.001131781
578425.014141356.41	578425.01	4141356	2.73226E-05	0.000236235	2.47827E-05	2.47712E-05	8.41752E-05	4.02788E-06	0	0	1.22268E-09	1.22268E-09	0.00122268
578445.014141356.41	578445.01	4141356	2.92743E-05	0.000253109	2.65529E-05	2.65405E-05	9.01877E-05	4.31559E-06	0	0	1.31001E-09	1.31001E-09	0.001310014
578465.014141356.41	578465.01	4141356	3.1534E-05	0.000272654	2.86033E-05	2.859E-05	9.7152E-05	4.64884E-06	0	0	1.41117E-09	1.41117E-09	0.001411171
578485.014141356.41	578485.01	4141356	3.44028E-05	0.000297411	3.12005E-05	3.1186E-05	0.000105973	5.07095E-06	0	0	1.53932E-09	1.53932E-09	0.001539322
578505.014141356.41	578505.01	4141356	3.73595E-05	0.000323145	3.39002E-05	3.38845E-05	0.000115143	5.50973E-06	0	0	1.67246E-09	1.67246E-09	0.001672459
578525.014141356.41	578525.01	4141356	4.06465E-05	0.000351811	3.69075E-05	3.68903E-05	0.000125357	5.9985E-06	0	0	1.82075E-09	1.82075E-09	0.001820745
578545.014141356.41	578545.01	4141356	4.48578E-05	0.00038836	4.07417E-05	4.07228E-05	0.000138381	6.62167E-06	0	0	2.00987E-09	2.00987E-09	0.002009869
578565.014141356.41	578565.01	4141356	4.98983E-05	0.000432076	4.53278E-05	4.53068E-05	0.000153958	7.36704E-06	0	0	2.23608E-09	2.23608E-09	0.002236084
578585.014141356.41	578585.01	4141356	5.57605E-05	0.000483024	5.06726E-05	5.06491E-05	0.000172111	8.23571E-06	0	0	2.49969E-09	2.49969E-09	0.002499687
578605.014141356.41	578605.01	4141356	6.30754E-05	0.000546545	5.73364E-05	5.73098E-05	0.000194745	9.31878E-06	0	0	2.82836E-09	2.82836E-09	0.002828364
578625.014141356.41	578625.01	4141356	7.20631E-05	0.000624465	6.55107E-05	6.54803E-05	0.000222509	1.06473E-05	0	0	3.23158E-09	3.23158E-09	0.003231584
578645.014141356.41	578645.01	4141356	8.32299E-05	0.000721278	7.56671E-05	7.5632E-05	0.000257006	1.2298E-05	0	0	3.73257E-09	3.73257E-09	0.003732573
578665.014141356.41	578665.01	4141356	9.75442E-05	0.000844933	8.86394E-05	8.85983E-05	0.000301067	1.44064E-05	0	0	4.37261E-09	4.37261E-09	0.004372611
578685.014141356.41	578685.01	4141356	0.000115857	0.001002597	0.000105179	0.000105131	0.000357245	1.70946E-05	0	0	5.18885E-09	5.18885E-09	0.00518885
579025.014141356.41	579025.01	4141356	0.008600255	0.065138289	0.006833464	0.006830292	0.023210093	0.00111063	0	0	3.40162E-07	3.40162E-07	0.340161712
579045.014141356.41	579045.01	4141356	0.009167934	0.072359408	0.00759101	0.007587487	0.025783124	0.001233752	0	0	3.76777E-07	3.76777E-07	0.37677716
579065.014141356.41	579065.01	4141356	0.009033991	0.075463881	0.007916691	0.007913017	0.026889311	0.001286684	0	0	3.91446E-07	3.91446E-07	0.391446364
579085.014141356.41	579085.01	4141356	0.008271745	0.073560583	0.007717022	0.00771344	0.026211127	0.001254232	0	0	3.80058E-07	3.80058E-07	0.38005752
579105.014141356.41	579105.01	4141356	0.007116674	0.067059243	0.007034986	0.00703172	0.023894568	0.001143382	0	0	3.45265E-07	3.45265E-07	0.345264865
579125.014141356.41	579125.01	4141356	0.005850097	0.057688754	0.006051955	0.006049146	0.020555672	0.000983612	0	0	2.96247E-07	2.96247E-07	0.296247428
579145.014141356.41	579145.01	4141356	0.004671547	0.047457434	0.004978618	0.004976307	0.016910046	0.000809165	0	0	2.43307E-07	2.43307E-07	0.243306777
579165.014141356.41	579165.01	4141356	0.003675108	0.037894751	0.003975426	0.00397358	0.013502668	0.000646118	0	0	1.94124E-07	1.94124E-07	0.194124032
579185.014141356.41	579185.01	4141356	0.002897447	0.029958804	0.003142889	0.00314143	0.010674929	0.000510808	0	0	1.53448E-07	1.53448E-07	0.153447688
579205.014141356.41	579205.01	4141356	0.002303062	0.023697608	0.002486046	0.002484892	0.008443938	0.000404052	0	0	1.2141E-07	1.2141E-07	0.121409783
579225.014141356.41	579225.01	4141356	0.001855511	0.0189234	0.001985198	0.001984276	0.006742791	0.00032265	0	0	9.69967E-08	9.69967E-08	0.096996737
579245.014141356.41	579245.01	4141356	0.001514396	0.015283784	0.001603376	0.001602632	0.005445922	0.000260594	0	0	7.83857E-08	7.83857E-08	0.078385669
579265.014141356.41	579265.01	4141356	0.001254501	0.012524672	0.001313926	0.001313316	0.004462795	0.00021355	0	0	6.42733E-08	6.42733E-08	0.064273339
579285.014141356.41	579285.01	4141356	0.001050513	0.010379667	0.0010889	0.001088395	0.003698486	0.000176977	0	0	5.32965E-08	5.32965E-08	0.053296543
579305.014141356.41	579305.01	4141356	0.000891617	0.008723222	0.000915127	0.000914703	0.003108261	0.000148734	0	0	4.4816E-08	4.4816E-08	0.044816015
578385.014141376.41	578385.01	4141376	2.45786E-05	0.000212129	2.22538E-05	2.22435E-05	7.55859E-05	3.61687E-06	0	0	1.09804E-09	1.09804E-09	0.001098042
578405.014141376.41	578405.01	4141376	2.61781E-05	0.000225811	2.36891E-05	2.36781E-05	8.04609E-05	3.85015E-06	0	0	1.1689E-09	1.1689E-09	0.001168902
578425.014141376.41	578425.01	4141376	2.79316E-05	0.000240991	2.52816E-05	2.52699E-05	8.58698E-05	4.10897E-06	0	0	1.24746E-09	1.24746E-09	0.001247463
578445.014141376.41	578445.01	4141376	2.99419E-05	0.000258255	2.70928E-05	2.70802E-05	9.20216E-05	4.40334E-06	0	0	1.33686E-09	1.33686E-09	0.001336858
578465.014141376.41	578465.01	4141376	3.21577E-05	0.00027741	2.91022E-05	2.90887E-05	9.88467E-05	4.72993E-06	0	0	1.436E-09	1.436E-09	0.001435996
578485.014141376.41	578485.01	4141376	3.46449E-05	0.000298974	3.13645E-05	3.13499E-05	0.000106531	5.09761E-06	0	0	1.54759E-09	1.54759E-09	0.001547588
578505.014141376.41	578505.01	4141376	3.76897E-05	0.000325295	3.41257E-05	3.41099E-05	0.000115909	5.54639E-06	0	0	1.68382E-09	1.68382E-09	0.001683818
578525.014141376.41	578525.01	4141376	4.13948E-05	0.000357284	3.74816E-05	3.74642E-05	0.000127307	6.09181E-06	0	0	1.8494E-09	1.8494E-09	0.001849398
578545.014141376.41	578545.01	4141376	4.51E-05	0.000389663	4.08784E-05	4.08595E-05	0.000138845	6.64389E-06	0	0	2.01687E-09	2.01687E-09	0.002016872
578565.014141376.41	578565.01	4141376	5.00157E-05	0.000432337	4.53552E-05	4.53341E-05	0.00015405	7.37149E-06	0	0	2.23768E-09	2.23768E-09	0.00223768
578585.014141376.41	578585.01	4141376	5.58412E-05	0.000482959	5.06657E-05	5.06422E-05	0.000172088	8.2346E-06	0	0	2.4996E-09	2.4996E-09	0.0024996
578605.014141376.41	578605.01	4141376	6.28406E-05	0.000543874	5.70562E-05	5.70297E-05	0.000193793	9.27323E-06	0	0	2.81475E-09	2.81475E-09	0.00281475
578625.014141376.41	578625.01	4141376	7.13954E-05	0.000618276	6.48614E-05	6.48313E-05	0.000220304	1.05418E-05	0	0	3.19969E-09	3.19969E-09	0.003199687
578645.014141376.41	578645.01	4141376	8.2056E-05	0.000711049	7.45941E-05	7.45595E-05	0.000253361	1.21236E-05	0	0	3.67966E-09	3.67966E-09	0.003679659
578665.014141376.41	578665.01	4141376	9.57026E-05	0.000829623	8.70333E-05	8.69929E-05	0.000295611	1.41453E-05	0	0	4.29317E-09	4.29317E-09	0.004293168

578685.014141376.41	578685.01	4141376	0.000113297	0.000982139	0.000103033	0.000102986	0.000349956	1.67458E-05	0	0	5.08242E-09	5.08242E-09	0.005082418
579005.014141376.41	579005.01	4141376	0.009150706	0.066783984	0.007006109	0.007002857	0.023796487	0.001138689	0	0	3.49701E-07	3.49701E-07	0.34970095
579025.014141376.41	579025.01	4141376	0.010495525	0.078625621	0.00824838	0.008244551	0.028015903	0.001340593	0	0	4.10919E-07	4.10919E-07	0.410919446
579045.014141376.41	579045.01	4141376	0.011032968	0.087070391	0.009134296	0.009130056	0.031024945	0.001484579	0	0	4.53381E-07	4.53381E-07	0.45338087
579065.014141376.41	579065.01	4141376	0.010602717	0.089835171	0.009424341	0.009419966	0.032010092	0.00153172	0	0	4.65563E-07	4.65563E-07	0.465562773
579085.014141376.41	579085.01	4141376	0.009381782	0.085686536	0.00898912	0.008984947	0.03053185	0.001460984	0	0	4.41988E-07	4.41988E-07	0.441988199
579105.014141376.41	579105.01	4141376	0.00775475	0.075590924	0.007930019	0.007926338	0.026934579	0.00128885	0	0	3.88433E-07	3.88433E-07	0.388433084
579125.014141376.41	579125.01	4141376	0.006129956	0.062603425	0.006567539	0.006564491	0.022306869	0.001067409	0	0	3.20866E-07	3.20866E-07	0.320865651
579145.014141376.41	579145.01	4141376	0.004739649	0.049655928	0.005209256	0.005206838	0.017693414	0.00084665	0	0	2.54157E-07	2.54157E-07	0.254157359
579165.014141376.41	579165.01	4141376	0.003650749	0.03854078	0.004043199	0.004041322	0.013732861	0.000657133	0	0	1.97187E-07	1.97187E-07	0.197186611
579185.014141376.41	579185.01	4141376	0.002831965	0.029768109	0.003122884	0.003121434	0.010606981	0.000507556	0	0	1.52338E-07	1.52338E-07	0.152337511
579205.014141376.41	579205.01	4141376	0.002226692	0.023155363	0.00242916	0.002428033	0.008250725	0.000394807	0	0	1.18565E-07	1.18565E-07	0.118564548
579225.014141376.41	579225.01	4141376	0.001782076	0.018286492	0.001918381	0.001917491	0.006515848	0.000311791	0	0	9.37009E-08	9.37009E-08	0.093700939
579245.014141376.41	579245.01	4141376	0.001451284	0.014689093	0.001540989	0.001540274	0.005234021	0.000250454	0	0	7.53238E-08	7.53238E-08	0.075323809
579265.014141376.41	579265.01	4141376	0.001198623	0.011973697	0.001256125	0.001255542	0.004266471	0.000204156	0	0	6.14439E-08	6.14439E-08	0.061443918
579285.014141376.41	579285.01	4141376	0.001007298	0.009942639	0.001043053	0.001042569	0.003542764	0.000169525	0	0	5.10554E-08	5.10554E-08	0.051055419
579305.014141376.41	579305.01	4141376	0.000858829	0.008386787	0.000879833	0.000879424	0.002988382	0.000142998	0	0	4.30921E-08	4.30921E-08	0.043092096
578385.014141396.41	578385.01	4141396	2.52243E-05	0.000217341	2.28006E-05	2.279E-05	7.7443E-05	3.70574E-06	0	0	1.12514E-09	1.12514E-09	0.001125139
578405.014141396.41	578405.01	4141396	2.68091E-05	0.000230892	2.42222E-05	2.4211E-05	8.22716E-05	3.93679E-06	0	0	1.19533E-09	1.19533E-09	0.001195326
578425.014141396.41	578425.01	4141396	2.85479E-05	0.000245812	2.57874E-05	2.57754E-05	8.75877E-05	4.19117E-06	0	0	1.27258E-09	1.27258E-09	0.001272582
578445.014141396.41	578445.01	4141396	3.05582E-05	0.000263077	2.75986E-05	2.75858E-05	9.37395E-05	4.48554E-06	0	0	1.36198E-09	1.36198E-09	0.001361977
578465.014141396.41	578465.01	4141396	3.2906E-05	0.000283208	2.97105E-05	2.96967E-05	0.000100913	4.82879E-06	0	0	1.46623E-09	1.46623E-09	0.001466227
578485.014141396.41	578485.01	4141396	3.54886E-05	0.000305424	3.20411E-05	3.20263E-05	0.000108829	5.20758E-06	0	0	1.58125E-09	1.58125E-09	0.001581248
578505.014141396.41	578505.01	4141396	3.83427E-05	0.000330051	3.46247E-05	3.46086E-05	0.000117604	5.62748E-06	0	0	1.70873E-09	1.70873E-09	0.001708726
578525.014141396.41	578525.01	4141396	4.19744E-05	0.000361388	3.79122E-05	3.78946E-05	0.00012877	6.16179E-06	0	0	1.87094E-09	1.87094E-09	0.001870939
578545.014141396.41	578545.01	4141396	4.57309E-05	0.000394028	4.13364E-05	4.13172E-05	0.0001404	6.71832E-06	0	0	2.03982E-09	2.03982E-09	0.002039822
578565.014141396.41	578565.01	4141396	5.03899E-05	0.000434422	4.55739E-05	4.55527E-05	0.000154793	7.40703E-06	0	0	2.24885E-09	2.24885E-09	0.002248848
578585.014141396.41	578585.01	4141396	5.60099E-05	0.000483284	5.06999E-05	5.06764E-05	0.000172204	8.24016E-06	0	0	2.50166E-09	2.50166E-09	0.002501658
578605.014141396.41	578605.01	4141396	6.28333E-05	0.000542636	5.69263E-05	5.68999E-05	0.000193352	9.25213E-06	0	0	2.80873E-09	2.80873E-09	0.002808728
578625.014141396.41	578625.01	4141396	7.119E-05	0.000615409	6.45607E-05	6.45308E-05	0.000219283	1.04929E-05	0	0	3.18521E-09	3.18521E-09	0.003185208
578645.014141396.41	578645.01	4141396	8.1513E-05	0.000705446	7.40063E-05	7.39719E-05	0.000251365	1.20281E-05	0	0	3.65096E-09	3.65096E-09	0.003650958
578665.014141396.41	578665.01	4141396	9.44333E-05	0.000818352	8.58509E-05	8.5811E-05	0.000291595	1.39532E-05	0	0	4.23493E-09	4.23493E-09	0.00423493
579005.014141396.41	579005.01	4141396	0.011373261	0.081373266	0.008536627	0.008532665	0.028994944	0.001387441	0	0	4.26729E-07	4.26729E-07	0.42672897
579025.014141396.41	579025.01	4141396	0.013012986	0.096264715	0.010098845	0.010094157	0.034301069	0.001641345	0	0	5.03568E-07	5.03568E-07	0.503568316
579045.014141396.41	579045.01	4141396	0.01342507	0.106223967	0.01114364	0.011138468	0.037849753	0.001811154	0	0	5.53016E-07	5.53016E-07	0.553015683
579065.014141396.41	579065.01	4141396	0.012464398	0.107897546	0.011319211	0.011313957	0.038446083	0.001839689	0	0	5.58403E-07	5.58403E-07	0.558403124
579085.014141396.41	579085.01	4141396	0.010546648	0.099954106	0.010485888	0.010481021	0.035615674	0.001704251	0	0	5.14456E-07	5.14456E-07	0.514456094
579105.014141396.41	579105.01	4141396	0.008324703	0.08477958	0.008893973	0.008889845	0.030208683	0.00144552	0	0	4.34593E-07	4.34593E-07	0.434592782
579125.014141396.41	579125.01	4141396	0.006328742	0.067334503	0.007063862	0.007060584	0.023992648	0.001148076	0	0	3.44364E-07	3.44364E-07	0.344363891
579145.014141396.41	579145.01	4141396	0.004742451	0.051328985	0.005384771	0.005382272	0.018289558	0.000875176	0	0	2.62276E-07	2.62276E-07	0.262275596
579165.014141396.41	579165.01	4141396	0.003565509	0.038511789	0.004040157	0.004038282	0.013722531	0.000656639	0	0	1.96804E-07	1.96804E-07	0.196804249
579185.014141396.41	579185.01	4141396	0.002725125	0.029055235	0.003048098	0.003046683	0.010352969	0.000495401	0	0	1.48579E-07	1.48579E-07	0.148578698
579205.014141396.41	579205.01	4141396	0.002129412	0.022314664	0.002340965	0.002339878	0.007951167	0.000380472	0	0	1.14213E-07	1.14213E-07	0.114213214
579225.014141396.41	579225.01	4141396	0.001697753	0.017476414	0.001833399	0.001832548	0.006227201	0.000297979	0	0	8.95348E-08	8.95348E-08	0.0895348
579245.014141396.41	579245.01	4141396	0.001381334	0.013983646	0.001466983	0.001466302	0.004982657	0.000238426	0	0	7.17057E-08	7.17057E-08	0.071705654
579265.014141396.41	579265.01	4141396	0.00114499	0.011419594	0.001197996	0.00119744	0.004069033	0.000194708	0	0	5.86057E-08	5.86057E-08	0.058605706
579285.014141396.41	579285.01	4141396	0.000966557	0.00951597	0.000998292	0.000997829	0.003390733	0.00016225	0	0	4.88715E-08	4.88715E-08	0.048871524
579305.014141396.41	579305.01	4141396	0.000827816	0.008059928	0.000845543	0.000845151	0.002871916	0.000137424	0	0	4.14196E-08	4.14196E-08	0.041419639
578385.014141416.41	578385.01	4141416	2.58406E-05	0.000222423	2.33337E-05	2.33229E-05	7.92538E-05	3.79238E-06	0	0	1.15152E-09	1.15152E-09	0.001151521
578405.014141416.41	578405.01	4141416	2.7462E-05	0.00023617	2.47758E-05	2.47643E-05	8.4152E-05	4.02677E-06	0	0	1.22276E-09	1.22276E-09	0.00122276
578425.014141416.41	578425.01	4141416	2.92889E-05	0.00025174	2.64093E-05	2.63971E-05	8.97002E-05	4.29226E-06	0	0	1.30342E-09	1.30342E-09	0.001303424

578445.014141416.41	578445.01	4141416	3.13579E-05	0.000269396	2.82615E-05	2.82484E-05	9.59913E-05	4.59329E-06	0	0	1.39488E-09	1.39488E-09	0.001394881
578465.014141416.41	578465.01	4141416	3.36837E-05	0.000289267	3.03461E-05	3.0332E-05	0.000103072	4.9321E-06	0	0	1.4978E-09	1.4978E-09	0.001497804
578485.014141416.41	578485.01	4141416	3.63544E-05	0.00031207	3.27383E-05	3.27231E-05	0.000111197	5.32089E-06	0	0	1.61592E-09	1.61592E-09	0.001615918
578505.014141416.41	578505.01	4141416	3.92671E-05	0.000337152	3.53696E-05	3.53532E-05	0.000120134	5.74856E-06	0	0	1.74577E-09	1.74577E-09	0.001745773
578525.014141416.41	578525.01	4141416	4.26935E-05	0.000366535	3.84521E-05	3.84343E-05	0.000130604	6.24955E-06	0	0	1.89793E-09	1.89793E-09	0.001897928
578545.014141416.41	578545.01	4141416	4.66627E-05	0.000400804	4.20472E-05	4.20276E-05	0.000142815	6.83384E-06	0	0	2.07531E-09	2.07531E-09	0.002075311
578565.014141416.41	578565.01	4141416	5.11529E-05	0.000439634	4.61207E-05	4.60992E-05	0.00015665	7.4959E-06	0	0	2.27628E-09	2.27628E-09	0.002276279
578585.014141416.41	578585.01	4141416	5.66409E-05	0.000487193	5.111E-05	5.10863E-05	0.000173597	8.30681E-06	0	0	2.5224E-09	2.5224E-09	0.002522397
578605.014141416.41	578605.01	4141416	6.32515E-05	0.000544525	5.71245E-05	5.7098E-05	0.000194025	9.28434E-06	0	0	2.81907E-09	2.81907E-09	0.002819073
578625.014141416.41	578625.01	4141416	7.13367E-05	0.000614888	6.4506E-05	6.44761E-05	0.000219097	1.0484E-05	0	0	3.1831E-09	3.1831E-09	0.003183098
578645.014141416.41	578645.01	4141416	8.12709E-05	0.000701603	7.3603E-05	7.35689E-05	0.000249995	1.19626E-05	0	0	3.63164E-09	3.63164E-09	0.003631638
578665.014141416.41	578665.01	4141416	9.38097E-05	0.000811316	8.51127E-05	8.50732E-05	0.000289088	1.38332E-05	0	0	4.19905E-09	4.19905E-09	0.004199053
579025.014141416.41	579025.01	4141416	0.016458206	0.12005881	0.012595013	0.012589166	0.042779388	0.002047043	0	0	6.28686E-07	6.28686E-07	0.628686065
579045.014141416.41	579045.01	4141416	0.016547217	0.132005665	0.013848322	0.013841894	0.047036294	0.002250741	0	0	6.86852E-07	6.86852E-07	0.686851962
579065.014141416.41	579065.01	4141416	0.014674905	0.131440487	0.01378903	0.01378263	0.04683491	0.002241104	0	0	6.78801E-07	6.78801E-07	0.678800574
579085.014141416.41	579085.01	4141416	0.0117612	0.117387586	0.012314782	0.012309066	0.041827577	0.002001497	0	0	6.02412E-07	6.02412E-07	0.602411955
579105.014141416.41	579105.01	4141416	0.008795688	0.094626578	0.009926993	0.009922385	0.033717368	0.001613415	0	0	4.83663E-07	4.83663E-07	0.483663086
579125.014141416.41	579125.01	4141416	0.00639473	0.071265992	0.007476303	0.007472833	0.025393518	0.001215109	0	0	3.63609E-07	3.63609E-07	0.363609319
579145.014141416.41	579145.01	4141416	0.004634555	0.051847125	0.005439128	0.005436603	0.018474182	0.000884011	0	0	2.64481E-07	2.64481E-07	0.264481225
579165.014141416.41	579165.01	4141416	0.003416482	0.037645226	0.003949249	0.003947416	0.013413757	0.000641864	0	0	1.92181E-07	1.92181E-07	0.192180731
579185.014141416.41	579185.01	4141416	0.002584242	0.027829239	0.002919483	0.002918128	0.009916122	0.000474498	0	0	1.42236E-07	1.42236E-07	0.142235899
579205.014141416.41	579205.01	4141416	0.002009138	0.021124956	0.002216156	0.002215128	0.00752725	0.000360188	0	0	1.08105E-07	1.08105E-07	0.108104796
579225.014141416.41	579225.01	4141416	0.001605557	0.016518315	0.001732887	0.001732083	0.00588581	0.000281643	0	0	8.46288E-08	8.46288E-08	0.084628782
579245.014141416.41	579245.01	4141416	0.001311413	0.013240608	0.001389033	0.001388388	0.004717897	0.000225757	0	0	6.79054E-08	6.79054E-08	0.067905354
579265.014141416.41	579265.01	4141416	0.00109449	0.010877545	0.001141131	0.001140601	0.00387589	0.000185466	0	0	5.58348E-08	5.58348E-08	0.055834809
579285.014141416.41	579285.01	4141416	0.000927341	0.00909523	0.000954154	0.000953711	0.003240815	0.000155077	0	0	4.67207E-08	4.67207E-08	0.046720699
579305.014141416.41	579305.01	4141416	0.000799965	0.00776167	0.000814254	0.000813876	0.002765641	0.000132339	0	0	3.98948E-08	3.98948E-08	0.039894799
578385.014141436.41	578385.01	4141436	2.64789E-05	0.000227765	2.38942E-05	2.38831E-05	8.11573E-05	3.88347E-06	0	0	1.17923E-09	1.17923E-09	0.00117923
578405.014141436.41	578405.01	4141436	2.81737E-05	0.000242033	2.5391E-05	2.53792E-05	8.62413E-05	4.12674E-06	0	0	1.2532E-09	1.2532E-09	0.001253203
578425.014141436.41	578425.01	4141436	3.00666E-05	0.000258125	2.70791E-05	2.70666E-05	9.19752E-05	4.40112E-06	0	0	1.33658E-09	1.33658E-09	0.00133658
578445.014141436.41	578445.01	4141436	3.22384E-05	0.000276563	2.90134E-05	2.89999E-05	9.85449E-05	4.71549E-06	0	0	1.43212E-09	1.43212E-09	0.001432119
578465.014141436.41	578465.01	4141436	3.46449E-05	0.000296955	3.11526E-05	3.11382E-05	0.000105811	5.06318E-06	0	0	1.5378E-09	1.5378E-09	0.001537798
578485.014141436.41	578485.01	4141436	3.73595E-05	0.000320018	3.35721E-05	3.35565E-05	0.000114029	5.45641E-06	0	0	1.6573E-09	1.6573E-09	0.0016573
578505.014141436.41	578505.01	4141436	4.03016E-05	0.000345101	3.62035E-05	3.61867E-05	0.000122966	5.88408E-06	0	0	1.78724E-09	1.78724E-09	0.001787238
578525.014141436.41	578525.01	4141436	4.38453E-05	0.00037533	3.93748E-05	3.93565E-05	0.000133738	6.39951E-06	0	0	1.94383E-09	1.94383E-09	0.001943832
578545.014141436.41	578545.01	4141436	4.77853E-05	0.000409078	4.29152E-05	4.28953E-05	0.000145763	6.97492E-06	0	0	2.1186E-09	2.1186E-09	0.002118605
578565.014141436.41	578565.01	4141436	5.23121E-05	0.000448038	4.70023E-05	4.69805E-05	0.000159645	7.6392E-06	0	0	2.32031E-09	2.32031E-09	0.002320308
578585.014141436.41	578585.01	4141436	5.78295E-05	0.000495467	5.1978E-05	5.19539E-05	0.000176545	8.44788E-06	0	0	2.56588E-09	2.56588E-09	0.002565878
578605.014141436.41	578605.01	4141436	6.43227E-05	0.000551562	5.78627E-05	5.78358E-05	0.000196533	9.40431E-06	0	0	2.85622E-09	2.85622E-09	0.002856221
578625.014141436.41	578625.01	4141436	7.21952E-05	0.000619774	6.50186E-05	6.49885E-05	0.000220838	1.05674E-05	0	0	3.20922E-09	3.20922E-09	0.003209219
578645.014141436.41	578645.01	4141436	8.18579E-05	0.000703818	7.38354E-05	7.38012E-05	0.000250785	1.20003E-05	0	0	3.64404E-09	3.64404E-09	0.003644041
579025.014141436.41	579025.01	4141436	0.021298033	0.152970222	0.016047651	0.016040202	0.054506391	0.002608193	0	0	8.01957E-07	8.01957E-07	0.801957182
579045.014141436.41	579045.01	4141436	0.020674521	0.168012363	0.017625677	0.017617496	0.059866211	0.002864667	0	0	8.73106E-07	8.73106E-07	0.873106351
579065.014141436.41	579065.01	4141436	0.017263696	0.163206688	0.017121528	0.017113581	0.058153851	0.002782728	0	0	8.40134E-07	8.40134E-07	0.840134131
579085.014141436.41	579085.01	4141436	0.012904495	0.138277611	0.014506293	0.014499559	0.049271116	0.002357679	0	0	7.06922E-07	7.06922E-07	0.706921554
579105.014141436.41	579105.01	4141436	0.00905317	0.10412157	0.010923084	0.010918014	0.037100626	0.001775307	0	0	5.30421E-07	5.30421E-07	0.530421312
579125.014141436.41	579125.01	4141436	0.00627425	0.07347706	0.00770826	0.007704682	0.026181366	0.001252808	0	0	3.73986E-07	3.73986E-07	0.373985863
579145.014141436.41	579145.01	4141436	0.004424235	0.050980041	0.005348164	0.005345682	0.018165222	0.000869227	0	0	2.59681E-07	2.59681E-07	0.259681297
579165.014141436.41	579165.01	4141436	0.003216001	0.035926954	0.00376899	0.00376724	0.012801502	0.000612567	0	0	1.83283E-07	1.83283E-07	0.183282513
579185.014141436.41	579185.01	4141436	0.002423534	0.026195597	0.002748102	0.002746827	0.009334022	0.000446644	0	0	1.33861E-07	1.33861E-07	0.133860767
579205.014141436.41	579205.01	4141436	0.001890097	0.019841432	0.002081506	0.002080539	0.007069904	0.000338303	0	0	1.01545E-07	1.01545E-07	0.101545091

579225.014141436.41	579225.01	4141436	0.001518563	0.015561128	0.001632472	0.001631714	0.005544745	0.000265322	0	0	7.97419E-08	7.97419E-08	0.079741942
579245.014141436.41	579245.01	4141436	0.001249776	0.012559788	0.00131761	0.001316998	0.004475307	0.000214149	0	0	6.44302E-08	6.44302E-08	0.064430162
579265.014141436.41	579265.01	4141436	0.001048385	0.010371523	0.001088046	0.001087541	0.003695584	0.000176838	0	0	5.3251E-08	5.3251E-08	0.05325103
579285.014141436.41	579285.01	4141436	0.000895036	0.008744201	0.000917328	0.000916902	0.003115736	0.000149092	0	0	4.49274E-08	4.49274E-08	0.044927409
579305.014141436.41	579305.01	4141436	0.000774873	0.00749462	0.000786238	0.000785873	0.002670485	0.000127786	0	0	3.85291E-08	3.85291E-08	0.038529063
579325.014141436.41	579325.01	4141436	0.000677505	0.006499581	0.000681852	0.000681535	0.002315932	0.00011082	0	0	3.34293E-08	3.34293E-08	0.0334293
578385.014141456.41	578385.01	4141456	2.71466E-05	0.000233433	2.44888E-05	2.44774E-05	8.3177E-05	3.98011E-06	0	0	1.2086E-09	1.2086E-09	0.0012086
578405.014141456.41	578405.01	4141456	2.88927E-05	0.000248157	2.60334E-05	2.60213E-05	8.84234E-05	4.23116E-06	0	0	1.28493E-09	1.28493E-09	0.00128493
578425.014141456.41	578425.01	4141456	3.0837E-05	0.00026464	2.77626E-05	2.77497E-05	9.42967E-05	4.5122E-06	0	0	1.37035E-09	1.37035E-09	0.001370348
578445.014141456.41	578445.01	4141456	3.30601E-05	0.000283403	2.9731E-05	2.97172E-05	0.000100982	4.83212E-06	0	0	1.46761E-09	1.46761E-09	0.001467611
578465.014141456.41	578465.01	4141456	3.554E-05	0.000304382	3.19318E-05	3.1917E-05	0.000108457	5.18981E-06	0	0	1.57634E-09	1.57634E-09	0.001576341
578485.014141456.41	578485.01	4141456	3.83794E-05	0.000328292	3.44401E-05	3.44241E-05	0.000116977	5.59749E-06	0	0	1.7003E-09	1.7003E-09	0.001700302
578505.014141456.41	578505.01	4141456	4.13875E-05	0.000353831	3.71193E-05	3.71021E-05	0.000126077	6.03293E-06	0	0	1.83264E-09	1.83264E-09	0.001832638
578525.014141456.41	578525.01	4141456	4.5166E-05	0.000385754	4.04683E-05	4.04496E-05	0.000137452	6.57724E-06	0	0	1.99811E-09	1.99811E-09	0.00199811
578545.014141456.41	578545.01	4141456	4.90546E-05	0.000418851	4.39404E-05	4.392E-05	0.000149245	7.14154E-06	0	0	2.16958E-09	2.16958E-09	0.002169579
578565.014141456.41	578565.01	4141456	5.38456E-05	0.00045957	4.82121E-05	4.81897E-05	0.000163754	7.83581E-06	0	0	2.38056E-09	2.38056E-09	0.002380559
578585.014141456.41	578585.01	4141456	5.94876E-05	0.00050765	5.32561E-05	5.32314E-05	0.000180886	8.65561E-06	0	0	2.62964E-09	2.62964E-09	0.002629641
578605.014141456.41	578605.01	4141456	6.59735E-05	0.000563224	5.90861E-05	5.90587E-05	0.000200688	9.60315E-06	0	0	2.91744E-09	2.91744E-09	0.002917436
578625.014141456.41	578625.01	4141456	7.37653E-05	0.000630328	6.61259E-05	6.60952E-05	0.000224599	1.07473E-05	0	0	3.26484E-09	3.26484E-09	0.003264837
578645.014141456.41	578645.01	4141456	8.33106E-05	0.000712743	7.47718E-05	7.47371E-05	0.000253965	1.21525E-05	0	0	3.69143E-09	3.69143E-09	0.00369143
579045.014141456.41	579045.01	4141456	0.026093992	0.219835448	0.023062283	0.023051578	0.078331826	0.003748268	0	0	1.1397E-06	1.1397E-06	1.139697801
579065.014141456.41	579065.01	4141456	0.020076438	0.20633261	0.02164574	0.021635693	0.073520491	0.00351804	0	0	1.05717E-06	1.05717E-06	1.057170223
579085.014141456.41	579085.01	4141456	0.013687585	0.161360722	0.016927873	0.016920016	0.057496096	0.002751254	0	0	8.2104E-07	8.2104E-07	0.821040442
579105.014141456.41	579105.01	4141456	0.008941766	0.111095509	0.011654699	0.01164929	0.039585582	0.001894215	0	0	5.63912E-07	5.63912E-07	0.563912019
579125.014141456.41	579125.01	4141456	0.005941324	0.072908885	0.007648654	0.007645104	0.025978914	0.001243121	0	0	3.70287E-07	3.70287E-07	0.370287094
579145.014141456.41	579145.01	4141456	0.004119409	0.048447847	0.00508252	0.00508016	0.01726295	0.000826052	0	0	2.46542E-07	2.46542E-07	0.246541504
579165.014141456.41	579165.01	4141456	0.00298527	0.033490271	0.003513365	0.003511734	0.011933262	0.00057102	0	0	1.70816E-07	1.70816E-07	0.170815918
579185.014141456.41	579185.01	4141456	0.002262335	0.024371717	0.002556764	0.002555578	0.008684137	0.000415546	0	0	1.24562E-07	1.24562E-07	0.124562044
579205.014141456.41	579205.01	4141456	0.001779002	0.018564553	0.001947552	0.001946648	0.006614926	0.000316532	0	0	9.50401E-08	9.50401E-08	0.095040142
579225.014141456.41	579225.01	4141456	0.001442399	0.014690396	0.001541126	0.00154041	0.005234486	0.000250476	0	0	7.53049E-08	7.53049E-08	0.07530492
579245.014141456.41	579245.01	4141456	0.001194147	0.01193402	0.001251963	0.001251381	0.004252333	0.000203479	0	0	6.12389E-08	6.12389E-08	0.061238886
579265.014141456.41	579265.01	4141456	0.001008487	0.009932801	0.001042021	0.001041537	0.003539258	0.000169358	0	0	5.10111E-08	5.10111E-08	0.051011102
578385.014141476.41	578385.01	4141476	2.77775E-05	0.000238841	2.50561E-05	2.50444E-05	8.51038E-05	4.07231E-06	0	0	1.2366E-09	1.2366E-09	0.001236603
578405.014141476.41	578405.01	4141476	2.96044E-05	0.000254281	2.66759E-05	2.66635E-05	9.06056E-05	4.33558E-06	0	0	1.31664E-09	1.31664E-09	0.001316636
578425.014141476.41	578425.01	4141476	3.16294E-05	0.000271351	2.84666E-05	2.84534E-05	9.66877E-05	4.62662E-06	0	0	1.40513E-09	1.40513E-09	0.001405126
578445.014141476.41	578445.01	4141476	3.38672E-05	0.000290244	3.04487E-05	3.04345E-05	0.00010342	4.94876E-06	0	0	1.50306E-09	1.50306E-09	0.001503062
578465.014141476.41	578465.01	4141476	3.64351E-05	0.000311874	3.27178E-05	3.27026E-05	0.000111127	5.31756E-06	0	0	1.6152E-09	1.6152E-09	0.0016152
578485.014141476.41	578485.01	4141476	3.94139E-05	0.000336892	3.53423E-05	3.53259E-05	0.000120041	5.74412E-06	0	0	1.74493E-09	1.74493E-09	0.001744926
578505.014141476.41	578505.01	4141476	4.26054E-05	0.000363799	3.8165E-05	3.81473E-05	0.000129629	6.20289E-06	0	0	1.88441E-09	1.88441E-09	0.001884414
578525.014141476.41	578525.01	4141476	4.65967E-05	0.000397351	4.16849E-05	4.16656E-05	0.000141584	6.77497E-06	0	0	2.05838E-09	2.05838E-09	0.002058385
578545.014141476.41	578545.01	4141476	5.04632E-05	0.000430057	4.5116E-05	4.5095E-05	0.000153238	7.33261E-06	0	0	2.2279E-09	2.2279E-09	0.002227896
578565.014141476.41	578565.01	4141476	5.5379E-05	0.000471492	4.94628E-05	4.94399E-05	0.000168002	8.0391E-06	0	0	2.4427E-09	2.4427E-09	0.002442704
578585.014141476.41	578585.01	4141476	6.11164E-05	0.000520029	5.45547E-05	5.45294E-05	0.000185297	8.86667E-06	0	0	2.69427E-09	2.69427E-09	0.002694268
578605.014141476.41	578605.01	4141476	6.78517E-05	0.000577166	6.05487E-05	6.05206E-05	0.000205656	9.84087E-06	0	0	2.99035E-09	2.99035E-09	0.00299035
578625.014141476.41	578625.01	4141476	7.58196E-05	0.000644987	6.76637E-05	6.76323E-05	0.000229822	1.09972E-05	0	0	3.34172E-09	3.34172E-09	0.003341724
578645.014141476.41	578645.01	4141476	8.55263E-05	0.000727858	7.63574E-05	7.6322E-05	0.000259351	1.24102E-05	0	0	3.77099E-09	3.77099E-09	0.003770986
579065.014141476.41	579065.01	4141476	0.022510787	0.262466098	0.027534537	0.027521757	0.093521991	0.004475134	0	0	1.33619E-06	1.33619E-06	1.336188095
579085.014141476.41	579085.01	4141476	0.013827536	0.183866407	0.019288878	0.019279925	0.065515328	0.003134983	0	0	9.30536E-07	9.30536E-07	0.930535661
579105.014141476.41	579105.01	4141476	0.008414521	0.113037181	0.011858394	0.01185289	0.040277439	0.001927322	0	0	5.71829E-07	5.71829E-07	0.571828673
579125.014141476.41	579125.01	4141476	0.005420631	0.068694644	0.007206551	0.007203206	0.024477294	0.001171267	0	0	3.48381E-07	3.48381E-07	0.348381031
579145.014141476.41	579145.01	4141476	0.003754119	0.044336999	0.004651263	0.004649104	0.015798172	0.000755961	0	0	2.25578E-07	2.25578E-07	0.225577519

579165.014141476.41	579165.01	4141476	0.002757261	0.030730834	0.00322388	0.003222384	0.010950019	0.000523971	0	0	1.56792E-07	1.56792E-07	0.156792468
579185.014141476.41	579185.01	4141476	0.002108253	0.022497215	0.002360116	0.00235902	0.008016214	0.000383585	0	0	1.15038E-07	1.15038E-07	0.115038117
579205.014141476.41	579205.01	4141476	0.001675639	0.017334973	0.00181856	0.001817716	0.006176802	0.000295567	0	0	8.87864E-08	8.87864E-08	0.088786418
579225.014141476.41	579225.01	4141476	0.001370409	0.013861359	0.001454154	0.001453479	0.004939083	0.000236341	0	0	7.10819E-08	7.10819E-08	0.071081866
578385.014141496.41	578385.01	4141496	2.83792E-05	0.000244118	2.56097E-05	2.55978E-05	8.69841E-05	4.16229E-06	0	0	1.26389E-09	1.26389E-09	0.001263892
578405.014141496.41	578405.01	4141496	3.02867E-05	0.00026021	2.72979E-05	2.72852E-05	9.27181E-05	4.43667E-06	0	0	1.34731E-09	1.34731E-09	0.001347311
578425.014141496.41	578425.01	4141496	3.23778E-05	0.000277801	2.91432E-05	2.91297E-05	9.8986E-05	4.73659E-06	0	0	1.43851E-09	1.43851E-09	0.001438515
578445.014141496.41	578445.01	4141496	3.47036E-05	0.000297476	3.12073E-05	3.11928E-05	0.000105997	5.07206E-06	0	0	1.54049E-09	1.54049E-09	0.001540491
578465.014141496.41	578465.01	4141496	3.73595E-05	0.000319757	3.35448E-05	3.35292E-05	0.000113936	5.45197E-06	0	0	1.65604E-09	1.65604E-09	0.001656037
578485.014141496.41	578485.01	4141496	4.04337E-05	0.000345557	3.62513E-05	3.62345E-05	0.000123129	5.89186E-06	0	0	1.78982E-09	1.78982E-09	0.001789823
578505.014141496.41	578505.01	4141496	4.375E-05	0.000373441	3.91766E-05	3.91584E-05	0.000133065	6.36729E-06	0	0	1.9344E-09	1.9344E-09	0.001934403
578525.014141496.41	578525.01	4141496	4.7954E-05	0.000408687	4.28742E-05	4.28543E-05	0.000145624	6.96825E-06	0	0	2.11719E-09	2.11719E-09	0.002117188
578545.014141496.41	578545.01	4141496	5.1982E-05	0.000442565	4.64282E-05	4.64067E-05	0.000157695	7.54589E-06	0	0	2.29284E-09	2.29284E-09	0.002292842
578565.014141496.41	578565.01	4141496	5.69784E-05	0.000484457	5.08229E-05	5.07993E-05	0.000172622	8.26015E-06	0	0	2.51009E-09	2.51009E-09	0.00251009
578585.014141496.41	578585.01	4141496	6.28699E-05	0.000533906	5.60105E-05	5.59845E-05	0.000190242	9.10327E-06	0	0	2.76651E-09	2.76651E-09	0.002766512
578605.014141496.41	578605.01	4141496	6.97666E-05	0.000591955	6.21002E-05	6.20714E-05	0.000210926	1.0093E-05	0	0	3.06747E-09	3.06747E-09	0.003067474
578625.014141496.41	578625.01	4141496	7.79253E-05	0.000660688	6.93108E-05	6.92787E-05	0.000235417	1.1265E-05	0	0	3.42381E-09	3.42381E-09	0.003423811
578645.014141496.41	578645.01	4141496	8.80429E-05	0.0007461	7.82712E-05	7.82348E-05	0.000265851	1.27213E-05	0	0	3.86656E-09	3.86656E-09	0.003866556
579085.014141496.41	579085.01	4141496	0.012970527	0.197313085	0.020699529	0.020689921	0.070306652	0.003364254	0	0	9.93288E-07	9.93288E-07	0.993288271
579105.014141496.41	579105.01	4141496	0.007554995	0.107585802	0.011286506	0.011281268	0.038335002	0.001834374	0	0	5.42964E-07	5.42964E-07	0.542964235
579125.014141496.41	579125.01	4141496	0.004848902	0.061685654	0.006471258	0.006468255	0.021979849	0.001051761	0	0	3.12782E-07	3.12782E-07	0.312782407
579145.014141496.41	579145.01	4141496	0.003404449	0.039646314	0.004159177	0.004157246	0.014126785	0.000675983	0	0	2.01847E-07	2.01847E-07	0.20184704
579165.014141496.41	579165.01	4141496	0.002542165	0.027912826	0.002928252	0.002926892	0.009945906	0.000475923	0	0	1.42522E-07	1.42522E-07	0.142521727
579185.014141496.41	579185.01	4141496	0.001974545	0.020829956	0.002185209	0.002184194	0.007422136	0.000355158	0	0	1.06577E-07	1.06577E-07	0.106576618
579205.014141496.41	579205.01	4141496	0.001584258	0.016256085	0.001705378	0.001704586	0.005792373	0.000277172	0	0	8.32972E-08	8.32972E-08	0.083297178
578385.014141516.41	578385.01	4141516	2.88634E-05	0.000248353	2.60539E-05	2.60418E-05	8.84931E-05	4.23449E-06	0	0	1.28579E-09	1.28579E-09	0.001285794
578405.014141516.41	578405.01	4141516	3.0881E-05	0.000265422	2.78446E-05	2.78317E-05	9.45752E-05	4.52553E-06	0	0	1.37426E-09	1.37426E-09	0.001374263
578425.014141516.41	578425.01	4141516	3.31041E-05	0.00028412	2.98062E-05	2.97924E-05	0.000101238	4.84434E-06	0	0	1.47121E-09	1.47121E-09	0.00147121
578445.014141516.41	578445.01	4141516	3.55106E-05	0.000304447	3.19386E-05	3.19238E-05	0.000108481	5.19092E-06	0	0	1.57657E-09	1.57657E-09	0.001576574
578465.014141516.41	578465.01	4141516	3.8262E-05	0.000327575	3.43649E-05	3.4349E-05	0.000116722	5.58527E-06	0	0	1.6965E-09	1.6965E-09	0.001696495
578485.014141516.41	578485.01	4141516	4.14168E-05	0.000354026	3.71398E-05	3.71226E-05	0.000126147	6.03627E-06	0	0	1.83367E-09	1.83367E-09	0.001833669
578505.014141516.41	578505.01	4141516	4.48799E-05	0.000383083	4.01881E-05	4.01695E-05	0.0001365	6.5317E-06	0	0	1.98435E-09	1.98435E-09	0.00198435
578525.014141516.41	578525.01	4141516	4.9326E-05	0.000420284	4.40907E-05	4.40703E-05	0.000149756	7.16598E-06	0	0	2.1773E-09	2.1773E-09	0.002177297
578545.014141516.41	578545.01	4141516	5.34567E-05	0.000454944	4.77268E-05	4.77047E-05	0.000162106	7.75695E-06	0	0	2.35703E-09	2.35703E-09	0.002357032
578565.014141516.41	578565.01	4141516	5.87539E-05	0.000499246	5.23744E-05	5.23501E-05	0.000177891	8.51231E-06	0	0	2.58682E-09	2.58682E-09	0.002586818
578585.014141516.41	578585.01	4141516	6.48142E-05	0.000549998	5.76987E-05	5.76719E-05	0.000195975	9.37765E-06	0	0	2.85004E-09	2.85004E-09	0.002850036
578605.014141516.41	578605.01	4141516	7.19457E-05	0.000609545	6.39456E-05	6.39159E-05	0.000217193	1.0393E-05	0	0	3.15893E-09	3.15893E-09	0.003158928
578625.014141516.41	578625.01	4141516	8.04638E-05	0.000680689	7.14091E-05	7.1376E-05	0.000242543	1.1606E-05	0	0	3.52797E-09	3.52797E-09	0.00352797
578645.014141516.41	578645.01	4141516	9.09043E-05	0.000768056	8.05745E-05	8.05371E-05	0.000273674	1.30956E-05	0	0	3.9811E-09	3.9811E-09	0.003981105
579085.014141516.41	579085.01	4141516	0.011134591	0.189699696	0.019900831	0.019891593	0.067593847	0.003234443	0	0	9.51173E-07	9.51173E-07	0.951173292
579105.014141516.41	579105.01	4141516	0.006548247	0.093620268	0.009821424	0.009816865	0.033358799	0.001596257	0	0	4.72409E-07	4.72409E-07	0.472409056
579125.014141516.41	579125.01	4141516	0.004322567	0.053463502	0.005608697	0.005606094	0.019050129	0.000911571	0	0	2.71432E-07	2.71432E-07	0.271431657
579145.014141516.41	579145.01	4141516	0.003100591	0.03523988	0.003696911	0.003695195	0.012556684	0.000600852	0	0	1.79624E-07	1.79624E-07	0.179624454
579165.014141516.41	579165.01	4141516	0.002348925	0.025367017	0.002661178	0.002659943	0.009038782	0.000432516	0	0	1.29632E-07	1.29632E-07	0.129632493
578385.014141536.41	578385.01	4141536	2.93843E-05	0.000252913	2.65324E-05	2.652E-05	9.01181E-05	4.31225E-06	0	0	1.30938E-09	1.30938E-09	0.001309379
578405.014141536.41	578405.01	4141536	3.14093E-05	0.000270048	2.83299E-05	2.83167E-05	9.62234E-05	4.6044E-06	0	0	1.39818E-09	1.39818E-09	0.001398185
578425.014141536.41	578425.01	4141536	3.37131E-05	0.000289462	3.03666E-05	3.03525E-05	0.000103141	4.93543E-06	0	0	1.49884E-09	1.49884E-09	0.001498835
578445.014141536.41	578445.01	4141536	3.6303E-05	0.000311288	3.26563E-05	3.26411E-05	0.000110918	5.30756E-06	0	0	1.61198E-09	1.61198E-09	0.001611983
578465.014141536.41	578465.01	4141536	3.91497E-05	0.000335263	3.51714E-05	3.51551E-05	0.000119461	5.71635E-06	0	0	1.73628E-09	1.73628E-09	0.001736281
578485.014141536.41	578485.01	4141536	4.24E-05	0.000362561	3.80352E-05	3.80175E-05	0.000129188	6.18178E-06	0	0	1.87783E-09	1.87783E-09	0.001877831
578505.014141536.41	578505.01	4141536	4.59877E-05	0.000392595	4.1186E-05	4.11669E-05	0.00013989	6.69388E-06	0	0	2.0336E-09	2.0336E-09	0.002033602

578525.014141536.41	578525.01	4141536	5.07714E-05	0.000432467	4.53688E-05	4.53478E-05	0.000154097	7.37371E-06	0	0	2.24046E-09	2.24046E-09	0.002240456
578545.014141536.41	578545.01	4141536	5.49021E-05	0.000467257	4.90186E-05	4.89958E-05	0.000166493	7.96689E-06	0	0	2.42082E-09	2.42082E-09	0.002420823
578565.014141536.41	578565.01	4141536	6.05221E-05	0.000514165	5.39396E-05	5.39145E-05	0.000183208	8.76669E-06	0	0	2.66416E-09	2.66416E-09	0.002664158
578585.014141536.41	578585.01	4141536	6.69273E-05	0.000567589	5.9544E-05	5.95164E-05	0.000202243	9.67758E-06	0	0	2.9413E-09	2.9413E-09	0.002941302
578605.014141536.41	578605.01	4141536	7.43302E-05	0.000629286	6.60165E-05	6.59859E-05	0.000224227	1.07295E-05	0	0	3.26139E-09	3.26139E-09	0.003261386
578625.014141536.41	578625.01	4141536	8.32886E-05	0.000703818	7.38354E-05	7.38012E-05	0.000250785	1.20003E-05	0	0	3.6481E-09	3.6481E-09	0.0036481
578645.014141536.41	578645.01	4141536	9.39638E-05	0.000792552	8.31443E-05	8.31057E-05	0.000282402	1.35133E-05	0	0	4.10853E-09	4.10853E-09	0.004108533
578665.014141536.41	578665.01	4141536	0.000106921	0.000900311	9.44489E-05	9.44051E-05	0.000320799	1.53506E-05	0	0	4.66766E-09	4.66766E-09	0.004667659
579105.014141536.41	579105.01	4141536	0.005608712	0.074617189	0.007827867	0.007824234	0.026587617	0.001272248	0	0	3.77625E-07	3.77625E-07	0.37762464
579125.014141536.41	579125.01	4141536	0.003840599	0.045445921	0.004767596	0.004765383	0.016193303	0.000774868	0	0	2.31198E-07	2.31198E-07	0.231198449
579185.014141536.41	579185.01	4141536	0.00169787	0.017564302	0.001842619	0.001841763	0.006258517	0.000299477	0	0	8.99612E-08	8.99612E-08	0.089961176
578385.014141556.41	578385.01	4141556	2.99199E-05	0.000257539	2.70176E-05	2.70051E-05	9.17663E-05	4.39112E-06	0	0	1.33332E-09	1.33332E-09	0.001333322
578405.014141556.41	578405.01	4141556	3.20036E-05	0.000275129	2.8863E-05	2.88496E-05	9.80342E-05	4.69105E-06	0	0	1.4245E-09	1.4245E-09	0.001424505
578425.014141556.41	578425.01	4141556	3.43367E-05	0.00029487	3.09339E-05	3.09196E-05	0.000105068	5.02763E-06	0	0	1.52682E-09	1.52682E-09	0.001526818
578445.014141556.41	578445.01	4141556	3.69927E-05	0.000317216	3.32782E-05	3.32628E-05	0.000113031	5.40864E-06	0	0	1.64268E-09	1.64268E-09	0.001642679
578465.014141556.41	578465.01	4141556	4.00081E-05	0.00034256	3.59369E-05	3.59203E-05	0.000122061	5.84076E-06	0	0	1.77409E-09	1.77409E-09	0.001774088
578485.014141556.41	578485.01	4141556	4.33538E-05	0.00037064	3.88827E-05	3.88646E-05	0.000132066	6.31953E-06	0	0	1.9197E-09	1.9197E-09	0.001919698
578505.014141556.41	578505.01	4141556	4.71249E-05	0.000402237	4.21975E-05	4.21779E-05	0.000143325	6.85828E-06	0	0	2.08357E-09	2.08357E-09	0.00208357
578525.014141556.41	578525.01	4141556	5.19013E-05	0.000442109	4.63804E-05	4.63588E-05	0.000157533	7.53811E-06	0	0	2.2904E-09	2.2904E-09	0.002290403
578545.014141556.41	578545.01	4141556	5.63621E-05	0.000479571	5.03103E-05	5.0287E-05	0.000170881	8.17684E-06	0	0	2.48466E-09	2.48466E-09	0.002484655
578565.014141556.41	578565.01	4141556	6.21876E-05	0.000528173	5.5409E-05	5.53833E-05	0.000188199	9.00552E-06	0	0	2.73678E-09	2.73678E-09	0.002736784
578585.014141556.41	578585.01	4141556	6.89082E-05	0.000584072	6.12732E-05	6.12448E-05	0.000208117	9.95862E-06	0	0	3.02682E-09	3.02682E-09	0.003026825
578605.014141556.41	578605.01	4141556	7.68834E-05	0.000650395	6.8231E-05	6.81993E-05	0.000231749	1.10894E-05	0	0	3.37096E-09	3.37096E-09	0.003370956
578625.014141556.41	578625.01	4141556	8.6238E-05	0.000728054	7.63779E-05	7.63425E-05	0.00025942	1.24136E-05	0	0	3.77395E-09	3.77395E-09	0.003773953
578645.014141556.41	578645.01	4141556	9.74194E-05	0.000820567	8.60832E-05	8.60433E-05	0.000292385	1.39909E-05	0	0	4.25414E-09	4.25414E-09	0.00425414
578665.014141556.41	578665.01	4141556	0.000110824	0.000931518	9.77228E-05	9.76774E-05	0.000331919	1.58827E-05	0	0	4.83001E-09	4.83001E-09	0.004830011
578685.014141556.41	578685.01	4141556	0.000127266	0.001067486	0.000111987	0.000111935	0.000380367	1.8201E-05	0	0	5.53577E-09	5.53577E-09	0.005535775
579165.014141556.41	579165.01	4141556	0.001910699	0.020020139	0.002100253	0.002099278	0.007133581	0.00034135	0	0	1.0247E-07	1.0247E-07	0.102469835
579185.014141556.41	579185.01	4141556	0.00152064	0.015588231	0.001635315	0.001634556	0.005554403	0.000265785	0	0	7.98792E-08	7.98792E-08	0.079879214
579205.014141556.41	579205.01	4141556	0.001239093	0.012498351	0.001311165	0.001310556	0.004453416	0.000213101	0	0	6.4102E-08	6.4102E-08	0.064102037
578385.014141576.41	578385.01	4141576	3.05142E-05	0.000262555	2.75439E-05	2.75311E-05	9.35538E-05	4.47666E-06	0	0	1.35933E-09	1.35933E-09	0.001359326
578405.014141576.41	578405.01	4141576	3.26492E-05	0.000280602	2.94371E-05	2.94235E-05	9.99842E-05	4.78436E-06	0	0	1.45287E-09	1.45287E-09	0.001452865
578425.014141576.41	578425.01	4141576	3.50631E-05	0.000300929	3.15695E-05	3.15549E-05	0.000107227	5.13094E-06	0	0	1.55825E-09	1.55825E-09	0.001558249
578445.014141576.41	578445.01	4141576	3.77997E-05	0.000323927	3.39822E-05	3.39664E-05	0.000115422	5.52306E-06	0	0	1.6775E-09	1.6775E-09	0.001677498
578465.014141576.41	578465.01	4141576	4.08372E-05	0.000349466	3.66614E-05	3.66444E-05	0.000124522	5.95851E-06	0	0	1.80992E-09	1.80992E-09	0.001809917
578485.014141576.41	578485.01	4141576	4.43149E-05	0.000378653	3.97234E-05	3.97049E-05	0.000134922	6.45616E-06	0	0	1.96127E-09	1.96127E-09	0.001961271
578505.014141576.41	578505.01	4141576	4.83355E-05	0.000412271	4.32501E-05	4.323E-05	0.0001469	7.02935E-06	0	0	2.13564E-09	2.13564E-09	0.002135641
578525.014141576.41	578525.01	4141576	5.32586E-05	0.00045338	4.75628E-05	4.75407E-05	0.000161549	7.73029E-06	0	0	2.34889E-09	2.34889E-09	0.00234889
578545.014141576.41	578545.01	4141576	5.81523E-05	0.00049423	5.18481E-05	5.18241E-05	0.000176104	8.42678E-06	0	0	2.56079E-09	2.56079E-09	0.002560793
578565.014141576.41	578565.01	4141576	6.41759E-05	0.00054446	5.71177E-05	5.70912E-05	0.000194002	9.28323E-06	0	0	2.82138E-09	2.82138E-09	0.00282138
578585.014141576.41	578585.01	4141576	7.1212E-05	0.0006029	6.32485E-05	6.32191E-05	0.000214826	1.02796E-05	0	0	3.12463E-09	3.12463E-09	0.003124633
578605.014141576.41	578605.01	4141576	7.95247E-05	0.000671829	7.04796E-05	7.04469E-05	0.000239386	1.14549E-05	0	0	3.48235E-09	3.48235E-09	0.003482354
578625.014141576.41	578625.01	4141576	8.94736E-05	0.000754049	7.9105E-05	7.90683E-05	0.000268683	1.28568E-05	0	0	3.90914E-09	3.90914E-09	0.003909145
578645.014141576.41	578645.01	4141576	0.000101616	0.000854119	8.96031E-05	8.95615E-05	0.00030434	1.4563E-05	0	0	4.42869E-09	4.42869E-09	0.004428694
578665.014141576.41	578665.01	4141576	0.000115938	0.000971911	0.00010196	0.000101913	0.000346312	1.65714E-05	0	0	5.04033E-09	5.04033E-09	0.005040328
578685.014141576.41	578685.01	4141576	0.000133304	0.001114525	0.000116921	0.000116867	0.000397128	1.9003E-05	0	0	5.78093E-09	5.78093E-09	0.005780928
578705.014141576.41	578705.01	4141576	0.000154941	0.001291798	0.000135519	0.000135456	0.000460294	2.20256E-05	0	0	6.70166E-09	6.70166E-09	0.006701658
579145.014141576.41	579145.01	4141576	0.002069345	0.021747988	0.002281517	0.002280458	0.007749249	0.00037081	0	0	1.11296E-07	1.11296E-07	0.111295795
579165.014141576.41	579165.01	4141576	0.001627326	0.016755592	0.001757779	0.001756963	0.005970357	0.000285688	0	0	8.58408E-08	8.58408E-08	0.085840759
579185.014141576.41	579185.01	4141576	0.001313218	0.013325238	0.001397911	0.001397262	0.004748052	0.0002272	0	0	6.83207E-08	6.83207E-08	0.068320726
579205.014141576.41	579205.01	4141576	0.001081988	0.010840995	0.001137297	0.001136769	0.003862866	0.000184843	0	0	5.56222E-08	5.56222E-08	0.055622166

579225.014141576.41	579225.01	4141576	0.0009069	0.008993009	0.00094343	0.000942992	0.003204392	0.000153334	0	0	4.61672E-08	4.61672E-08	0.046167187
579245.014141576.41	579245.01	4141576	0.000771109	0.007569347	0.000794078	0.000793709	0.002697112	0.00012906	0	0	3.88806E-08	3.88806E-08	0.038880632
579265.014141576.41	579265.01	4141576	0.000663763	0.006476322	0.000679412	0.000679096	0.002307645	0.000110423	0	0	3.32776E-08	3.32776E-08	0.033277567
578385.014141596.41	578385.01	4141596	3.11672E-05	0.000267898	2.81043E-05	2.80913E-05	9.54574E-05	4.56774E-06	0	0	1.38708E-09	1.38708E-09	0.001387076
578405.014141596.41	578405.01	4141596	3.34343E-05	0.000286987	3.01069E-05	3.00929E-05	0.000102259	4.89322E-06	0	0	1.48604E-09	1.48604E-09	0.001486043
578425.014141596.41	578425.01	4141596	3.59068E-05	0.000307835	3.2294E-05	3.2279E-05	0.000109688	5.24868E-06	0	0	1.59412E-09	1.59412E-09	0.00159412
578445.014141596.41	578445.01	4141596	3.87462E-05	0.00033168	3.47955E-05	3.47794E-05	0.000118184	5.65525E-06	0	0	1.71777E-09	1.71777E-09	0.001717766
578465.014141596.41	578465.01	4141596	4.19231E-05	0.000358326	3.75909E-05	3.75735E-05	0.000127679	6.10958E-06	0	0	1.85595E-09	1.85595E-09	0.001855949
578485.014141596.41	578485.01	4141596	4.55475E-05	0.000388621	4.07691E-05	4.07502E-05	0.000138474	6.62612E-06	0	0	2.01309E-09	2.01309E-09	0.002013088
578505.014141596.41	578505.01	4141596	4.98323E-05	0.000424454	4.45282E-05	4.45075E-05	0.000151241	7.23708E-06	0	0	2.19895E-09	2.19895E-09	0.002198946
578525.014141596.41	578525.01	4141596	5.48874E-05	0.000466476	4.89366E-05	4.89138E-05	0.000166215	7.95356E-06	0	0	2.41699E-09	2.41699E-09	0.002416991
578545.014141596.41	578545.01	4141596	6.01846E-05	0.000510582	5.35637E-05	5.35388E-05	0.000181931	8.7056E-06	0	0	2.64583E-09	2.64583E-09	0.00264583
578565.014141596.41	578565.01	4141596	6.67071E-05	0.000564657	5.92365E-05	5.9209E-05	0.000201199	9.62759E-06	0	0	2.92647E-09	2.92647E-09	0.002926466
578585.014141596.41	578585.01	4141596	7.41835E-05	0.000626484	6.57226E-05	6.56921E-05	0.000223229	1.06818E-05	0	0	3.24739E-09	3.24739E-09	0.00324739
578605.014141596.41	578605.01	4141596	8.29584E-05	0.000698931	7.33228E-05	7.32888E-05	0.000249043	1.1917E-05	0	0	3.62348E-09	3.62348E-09	0.003623477
578625.014141596.41	578625.01	4141596	9.35089E-05	0.000785646	8.24198E-05	8.23816E-05	0.000279942	1.33955E-05	0	0	4.07377E-09	4.07377E-09	0.004073766
578645.014141596.41	578645.01	4141596	0.000106334	0.000890734	9.34442E-05	9.34008E-05	0.000317386	1.51873E-05	0	0	4.61957E-09	4.61957E-09	0.004619569
578665.014141596.41	578665.01	4141596	0.000122218	0.001020317	0.000107038	0.000106989	0.00036356	1.73968E-05	0	0	5.2928E-09	5.2928E-09	0.0052928
578685.014141596.41	578685.01	4141596	0.00014158	0.001177655	0.000123544	0.000123487	0.000419622	2.00794E-05	0	0	6.11044E-09	6.11044E-09	0.006110437
578705.014141596.41	578705.01	4141596	0.000164787	0.001365874	0.00014329	0.000143223	0.000486689	2.32886E-05	0	0	7.08868E-09	7.08868E-09	0.00708868
578725.014141596.41	578725.01	4141596	0.00019511	0.001610578	0.000168961	0.000168883	0.000573882	2.74609E-05	0	0	8.36093E-09	8.36093E-09	0.00836093
578745.014141596.41	578745.01	4141596	0.000234898	0.001930336	0.000202506	0.000202412	0.000687818	3.29129E-05	0	0	1.00239E-08	1.00239E-08	0.010023856
579105.014141596.41	579105.01	4141596	0.002694163	0.028259165	0.002964585	0.002963209	0.010069313	0.000481828	0	0	1.44632E-07	1.44632E-07	0.144631843
579145.014141596.41	579145.01	4141596	0.001639967	0.016803282	0.001762782	0.001761964	0.00598735	0.000286502	0	0	8.61078E-08	8.61078E-08	0.086107803
579165.014141596.41	579165.01	4141596	0.00132619	0.013435016	0.001409428	0.001408773	0.004787169	0.000229071	0	0	6.88897E-08	6.88897E-08	0.068889684
579185.014141596.41	579185.01	4141596	0.001093331	0.010967322	0.001150549	0.001150015	0.003907879	0.000186996	0	0	5.62667E-08	5.62667E-08	0.056266722
579205.014141596.41	579205.01	4141596	0.000916218	0.009112886	0.000956006	0.000955562	0.003247106	0.000155378	0	0	4.67747E-08	4.67747E-08	0.046774732
579225.014141596.41	579225.01	4141596	0.000778592	0.007682383	0.000805936	0.000805562	0.002737389	0.000130987	0	0	3.94498E-08	3.94498E-08	0.039449812
579245.014141596.41	579245.01	4141596	0.000669647	0.006558216	0.000688003	0.000687684	0.002336825	0.00011182	0	0	3.36912E-08	3.36912E-08	0.033691247
579265.014141596.41	579265.01	4141596	0.000581802	0.005670218	0.000594846	0.00059457	0.002020414	9.66791E-05	0	0	2.91374E-08	2.91374E-08	0.029137395
579285.014141596.41	579285.01	4141596	0.000509306	0.004917017	0.00051583	0.00051559	0.001752033	8.38368E-05	0	0	2.52805E-08	2.52805E-08	0.02528052
579305.014141596.41	579305.01	4141596	0.000451212	0.004335812	0.000454857	0.000454646	0.001544938	7.3927E-05	0	0	2.22983E-08	2.22983E-08	0.022298272
579325.014141596.41	579325.01	4141596	0.000401835	0.003845817	0.000403453	0.000403266	0.001370343	6.55725E-05	0	0	1.97829E-08	1.97829E-08	0.019782901
579345.014141596.41	579345.01	4141596	0.000359963	0.003442472	0.00036114	0.000360972	0.001226623	5.86953E-05	0	0	1.77089E-08	1.77089E-08	0.017708865
578385.014141616.41	578385.01	4141616	3.18568E-05	0.000273501	2.86921E-05	2.86788E-05	9.74538E-05	4.66328E-06	0	0	1.41619E-09	1.41619E-09	0.001416193
578405.014141616.41	578405.01	4141616	3.4256E-05	0.000293632	3.08041E-05	3.07898E-05	0.000104627	5.00652E-06	0	0	1.52059E-09	1.52059E-09	0.001520588
578425.014141616.41	578425.01	4141616	3.69266E-05	0.000316109	3.3162E-05	3.31466E-05	0.000112636	5.38976E-06	0	0	1.63712E-09	1.63712E-09	0.001637123
578445.014141616.41	578445.01	4141616	3.98981E-05	0.000340931	3.57661E-05	3.57495E-05	0.000121481	5.81299E-06	0	0	1.76588E-09	1.76588E-09	0.00176588
578465.014141616.41	578465.01	4141616	4.32511E-05	0.000368946	3.8705E-05	3.8687E-05	0.000131463	6.29065E-06	0	0	1.9112E-09	1.9112E-09	0.001911196
578485.014141616.41	578485.01	4141616	4.70809E-05	0.000400869	4.2054E-05	4.20345E-05	0.000142838	6.83495E-06	0	0	2.07681E-09	2.07681E-09	0.002076813
578505.014141616.41	578505.01	4141616	5.15711E-05	0.0004382	4.59703E-05	4.5949E-05	0.00015614	7.47146E-06	0	0	2.27052E-09	2.27052E-09	0.002270517
578525.014141616.41	578525.01	4141616	5.71031E-05	0.000483936	5.07683E-05	5.07447E-05	0.000172436	8.25127E-06	0	0	2.50792E-09	2.50792E-09	0.002507917
578545.014141616.41	578545.01	4141616	6.25911E-05	0.000529541	5.55526E-05	5.55268E-05	0.000188686	9.02885E-06	0	0	2.74456E-09	2.74456E-09	0.002744561
578565.014141616.41	578565.01	4141616	6.96566E-05	0.000587785	6.16628E-05	6.16342E-05	0.00020944	1.00219E-05	0	0	3.04695E-09	3.04695E-09	0.00304695
578585.014141616.41	578585.01	4141616	7.77419E-05	0.000654238	6.86342E-05	6.86023E-05	0.000233118	1.1155E-05	0	0	3.39202E-09	3.39202E-09	0.003392024
578605.014141616.41	578605.01	4141616	8.73459E-05	0.000732875	7.68837E-05	7.6848E-05	0.000261138	1.24958E-05	0	0	3.80047E-09	3.80047E-09	0.003800467
578625.014141616.41	578625.01	4141616	9.89015E-05	0.000827147	8.67735E-05	8.67333E-05	0.000294729	1.41031E-05	0	0	4.29024E-09	4.29024E-09	0.004290242
578645.014141616.41	578645.01	4141616	0.000112658	0.000938945	9.85019E-05	9.84562E-05	0.000334565	1.60093E-05	0	0	4.87122E-09	4.87122E-09	0.004871218
578665.014141616.41	578665.01	4141616	0.0001299	0.001078171	0.000113108	0.000113055	0.000384174	1.83832E-05	0	0	5.59504E-09	5.59504E-09	0.005595042
578685.014141616.41	578685.01	4141616	0.00015172	0.00125336	0.000131486	0.000131425	0.000446597	2.13702E-05	0	0	6.50619E-09	6.50619E-09	0.006506186
578705.014141616.41	578705.01	4141616	0.000179131	0.001472069	0.00015443	0.000154359	0.000524528	2.50993E-05	0	0	7.64416E-09	7.64416E-09	0.00764416

578725.014141616.41	578725.01	4141616	0.000213255	0.001742964	0.000182849	0.000182764	0.000621053	2.97181E-05	0	0	9.05415E-09	9.05415E-09	0.009054152
578745.014141616.41	578745.01	4141616	0.000258164	0.00209699	0.000219989	0.000219887	0.0007472	3.57544E-05	0	0	1.08977E-08	1.08977E-08	0.010897729
579065.014141616.41	579065.01	4141616	0.002966854	0.034559777	0.003625563	0.003623881	0.012314349	0.000589256	0	0	1.75948E-07	1.75948E-07	0.175948193
579085.014141616.41	579085.01	4141616	0.002316966	0.025232677	0.002647085	0.002645856	0.008990914	0.000430226	0	0	1.28891E-07	1.28891E-07	0.128890603
579105.014141616.41	579105.01	4141616	0.001855995	0.019419975	0.002037292	0.002036346	0.006919731	0.000331117	0	0	9.94053E-08	9.94053E-08	0.099405299
579125.014141616.41	579125.01	4141616	0.001510984	0.015518129	0.001627961	0.001627205	0.005529424	0.000264589	0	0	7.9512E-08	7.9512E-08	0.079511999
579165.014141616.41	579165.01	4141616	0.001043007	0.010469509	0.001098325	0.001097815	0.003730498	0.000178509	0	0	5.37108E-08	5.37108E-08	0.053710768
579185.014141616.41	579185.01	4141616	0.000882402	0.008798276	0.000923001	0.000922572	0.003135004	0.000150014	0	0	4.51537E-08	4.51537E-08	0.045153698
579205.014141616.41	579205.01	4141616	0.000755342	0.007474619	0.00078414	0.000783776	0.002663358	0.000127445	0	0	3.83767E-08	3.83767E-08	0.038376698
579225.014141616.41	579225.01	4141616	0.000653366	0.00641912	0.000673411	0.000673098	0.002287263	0.000109448	0	0	3.29708E-08	3.29708E-08	0.032970782
579245.014141616.41	579245.01	4141616	0.00057018	0.00556461	0.000583767	0.000583496	0.001982783	9.48785E-05	0	0	2.85925E-08	2.85925E-08	0.028592479
579265.014141616.41	579265.01	4141616	0.000501558	0.004868871	0.000510779	0.000510542	0.001734877	8.30159E-05	0	0	2.50251E-08	2.50251E-08	0.025025149
579285.014141616.41	579285.01	4141616	0.000442401	0.004258413	0.000446737	0.00044653	0.001517359	7.26074E-05	0	0	2.18981E-08	2.18981E-08	0.021898079
579305.014141616.41	579305.01	4141616	0.000395261	0.003789201	0.000397514	0.000397329	0.001350169	6.46071E-05	0	0	1.94898E-08	1.94898E-08	0.019489803
579325.014141616.41	579325.01	4141616	0.000355458	0.003394912	0.00035615	0.000355985	0.001209676	5.78844E-05	0	0	1.74655E-08	1.74655E-08	0.017465536
579345.014141616.41	579345.01	4141616	0.000320858	0.003064536	0.000321491	0.000321342	0.001091956	5.22514E-05	0	0	1.57658E-08	1.57658E-08	0.015765846
578385.014141636.41	578385.01	4141636	3.26933E-05	0.000280211	2.93961E-05	2.93825E-05	9.98449E-05	4.77769E-06	0	0	1.4511E-09	1.4511E-09	0.001451095
578405.014141636.41	578405.01	4141636	3.52025E-05	0.000301255	3.16037E-05	3.15891E-05	0.000107343	5.13649E-06	0	0	1.56022E-09	1.56022E-09	0.001560224
578425.014141636.41	578425.01	4141636	3.80198E-05	0.000324839	3.40779E-05	3.40621E-05	0.000115747	5.53861E-06	0	0	1.68254E-09	1.68254E-09	0.001682544
578445.014141636.41	578445.01	4141636	4.12187E-05	0.000351485	3.68733E-05	3.68562E-05	0.000125241	5.99294E-06	0	0	1.82079E-09	1.82079E-09	0.00182079
578465.014141636.41	578465.01	4141636	4.48432E-05	0.000381585	4.00309E-05	4.00123E-05	0.000135966	6.50615E-06	0	0	1.97698E-09	1.97698E-09	0.001976982
578485.014141636.41	578485.01	4141636	4.88931E-05	0.000415202	4.35576E-05	4.35374E-05	0.000147945	7.07934E-06	0	0	2.15143E-09	2.15143E-09	0.002151435
578505.014141636.41	578505.01	4141636	5.36475E-05	0.000454618	4.76926E-05	4.76705E-05	0.00016199	7.75139E-06	0	0	2.35599E-09	2.35599E-09	0.002355994
578525.014141636.41	578525.01	4141636	5.92602E-05	0.000500875	5.25453E-05	5.25209E-05	0.000178472	8.54008E-06	0	0	2.59615E-09	2.59615E-09	0.00259615
578545.014141636.41	578545.01	4141636	6.55112E-05	0.000552278	5.79379E-05	5.7911E-05	0.000196788	9.41653E-06	0	0	2.86307E-09	2.86307E-09	0.002863067
578565.014141636.41	578565.01	4141636	7.30682E-05	0.000614171	6.44309E-05	6.4401E-05	0.000218842	1.04718E-05	0	0	3.18454E-09	3.18454E-09	0.003184536
578585.014141636.41	578585.01	4141636	8.2188E-05	0.000688507	7.22293E-05	7.21957E-05	0.000245329	1.17393E-05	0	0	3.57076E-09	3.57076E-09	0.00357076
578605.014141636.41	578605.01	4141636	9.28632E-05	0.000775157	8.13194E-05	8.12817E-05	0.000276204	1.32167E-05	0	0	4.02109E-09	4.02109E-09	0.004021087
578625.014141636.41	578625.01	4141636	0.000105541	0.000877639	9.20704E-05	9.20277E-05	0.00031272	1.4964E-05	0	0	4.55384E-09	4.55384E-09	0.004553841
578645.014141636.41	578645.01	4141636	0.000121206	0.001003509	0.000105275	0.000105226	0.00035757	1.71102E-05	0	0	5.20845E-09	5.20845E-09	0.005208446
578665.014141636.41	578665.01	4141636	0.000140516	0.001157719	0.000121453	0.000121397	0.000412519	1.97395E-05	0	0	6.01078E-09	6.01078E-09	0.006010778
578685.014141636.41	578685.01	4141636	0.000165506	0.001355711	0.000142224	0.000142158	0.000483067	2.31153E-05	0	0	7.04145E-09	7.04145E-09	0.007041452
578705.014141636.41	578705.01	4141636	0.00019762	0.001608038	0.000168694	0.000168616	0.000572976	2.74176E-05	0	0	8.35573E-09	8.35573E-09	0.008355731
578725.014141636.41	578725.01	4141636	0.000237547	0.001919912	0.000201412	0.000201319	0.000684103	3.27351E-05	0	0	9.98084E-09	9.98084E-09	0.009980839
579045.014141636.41	579045.01	4141636	0.002391281	0.030018872	0.003149191	0.003147729	0.010696333	0.000511832	0	0	1.52303E-07	1.52303E-07	0.152302912
579065.014141636.41	579065.01	4141636	0.001866179	0.021964286	0.002304208	0.002303138	0.00782632	0.000374498	0	0	1.11768E-07	1.11768E-07	0.111767951
579085.014141636.41	579085.01	4141636	0.001520574	0.016952997	0.001778489	0.001777663	0.006040697	0.000289054	0	0	8.64948E-08	8.64948E-08	0.086494847
579105.014141636.41	579105.01	4141636	0.001273628	0.013586751	0.001425346	0.001424684	0.004841235	0.000231659	0	0	6.94761E-08	6.94761E-08	0.069476117
579125.014141636.41	579125.01	4141636	0.001082847	0.011183751	0.001173254	0.001172709	0.003984997	0.000190687	0	0	5.72861E-08	5.72861E-08	0.057286136
579165.014141636.41	579165.01	4141636	0.000801718	0.008039276	0.000843376	0.000842985	0.002864557	0.000137072	0	0	4.12455E-08	4.12455E-08	0.041245487
579185.014141636.41	579185.01	4141636	0.000698378	0.006927161	0.000726708	0.000726371	0.002468288	0.00011811	0	0	3.55613E-08	3.55613E-08	0.035561251
579205.014141636.41	579205.01	4141636	0.000611715	0.006020336	0.000631575	0.000631282	0.002145168	0.000102649	0	0	3.09195E-08	3.09195E-08	0.030919478
579225.014141636.41	579225.01	4141636	0.000539233	0.005267134	0.000552559	0.000552303	0.001876787	8.98064E-05	0	0	2.70626E-08	2.70626E-08	0.027062645
579245.014141636.41	579245.01	4141636	0.000478109	0.004645601	0.000487356	0.00048713	0.001655322	7.9209E-05	0	0	2.38763E-08	2.38763E-08	0.023876307
579265.014141636.41	579265.01	4141636	0.000426348	0.004113584	0.000431544	0.000431344	0.001465753	7.0138E-05	0	0	2.11505E-08	2.11505E-08	0.021150467
579285.014141636.41	579285.01	4141636	0.000381204	0.00365851	0.000383803	0.000383625	0.001303601	6.23788E-05	0	0	1.88164E-08	1.88164E-08	0.018816386
579305.014141636.41	579305.01	4141636	0.000343712	0.003286633	0.000344791	0.000344631	0.001171094	5.60382E-05	0	0	1.69073E-08	1.69073E-08	0.016907317
579325.014141636.41	579325.01	4141636	0.00031129	0.002966615	0.000311219	0.000311074	0.001057065	5.05818E-05	0	0	1.5264E-08	1.5264E-08	0.015264025
579345.014141636.41	579345.01	4141636	0.000283447	0.002692854	0.000282499	0.000282368	0.000959518	4.59141E-05	0	0	1.3858E-08	1.3858E-08	0.013857955
578385.014141656.41	578385.01	4141656	3.37204E-05	0.00028842	3.02573E-05	3.02432E-05	0.00010277	4.91766E-06	0	0	1.4938E-09	1.4938E-09	0.001493803
578405.014141656.41	578405.01	4141656	3.63837E-05	0.000310636	3.25879E-05	3.25728E-05	0.000110686	5.29645E-06	0	0	1.60905E-09	1.60905E-09	0.001609053

578425.014141656.41	578425.01	4141656	3.93185E-05	0.000335068	3.51509E-05	3.51346E-05	0.000119391	5.71301E-06	0	0	1.73581E-09	1.73581E-09	0.001735812
578445.014141656.41	578445.01	4141656	4.27081E-05	0.000363212	3.81035E-05	3.80858E-05	0.00012942	6.19289E-06	0	0	1.88186E-09	1.88186E-09	0.001881863
578465.014141656.41	578465.01	4141656	4.66994E-05	0.000396244	4.15687E-05	4.15494E-05	0.00014119	6.75609E-06	0	0	2.05331E-09	2.05331E-09	0.002053307
578485.014141656.41	578485.01	4141656	5.11015E-05	0.000432597	4.53825E-05	4.53614E-05	0.000154143	7.37593E-06	0	0	2.24202E-09	2.24202E-09	0.002242024
578505.014141656.41	578505.01	4141656	5.64795E-05	0.000476769	5.00164E-05	4.99932E-05	0.000169883	8.12907E-06	0	0	2.47141E-09	2.47141E-09	0.002471408
578525.014141656.41	578525.01	4141656	6.22683E-05	0.000524264	5.4999E-05	5.49734E-05	0.000186806	8.93887E-06	0	0	2.71806E-09	2.71806E-09	0.002718064
578545.014141656.41	578545.01	4141656	6.91797E-05	0.000580684	6.09178E-05	6.08895E-05	0.000206909	9.90085E-06	0	0	3.01117E-09	3.01117E-09	0.003011172
578565.014141656.41	578565.01	4141656	7.74704E-05	0.000648114	6.79917E-05	6.79602E-05	0.000230936	1.10506E-05	0	0	3.36157E-09	3.36157E-09	0.003361567
578585.014141656.41	578585.01	4141656	8.74046E-05	0.00072851	7.64258E-05	7.63903E-05	0.000259583	1.24213E-05	0	0	3.77947E-09	3.77947E-09	0.003779473
578605.014141656.41	578605.01	4141656	9.94151E-05	0.000825193	8.65685E-05	8.65283E-05	0.000294033	1.40698E-05	0	0	4.28222E-09	4.28222E-09	0.004282225
578625.014141656.41	578625.01	4141656	0.000114331	0.000944417	9.9076E-05	9.903E-05	0.000336515	1.61026E-05	0	0	4.90249E-09	4.90249E-09	0.004902493
578645.014141656.41	578645.01	4141656	0.000132204	0.001086575	0.000113989	0.000113936	0.000387169	1.85265E-05	0	0	5.64232E-09	5.64232E-09	0.005642318
578665.014141656.41	578665.01	4141656	0.000154574	0.001263263	0.000132525	0.000132464	0.000450126	2.1539E-05	0	0	6.56229E-09	6.56229E-09	0.006562288
578685.014141656.41	578685.01	4141656	0.000184619	0.001498194	0.000157171	0.000157098	0.000533837	2.55447E-05	0	0	7.78637E-09	7.78637E-09	0.007786374
578705.014141656.41	578705.01	4141656	0.000221032	0.001781663	0.000186909	0.000186822	0.000634843	3.03779E-05	0	0	9.26381E-09	9.26381E-09	0.009263813
578725.014141656.41	578725.01	4141656	0.000269771	0.002157905	0.000226379	0.000226274	0.000768905	3.6793E-05	0	0	1.12259E-08	1.12259E-08	0.01122595
579005.014141656.41	579005.01	4141656	0.002880359	0.035367705	0.003710321	0.003708598	0.01260223	0.000603031	0	0	1.79619E-07	1.79619E-07	0.17961931
579025.014141656.41	579025.01	4141656	0.002062441	0.025519338	0.002677158	0.002675915	0.009093057	0.000435113	0	0	1.29558E-07	1.29558E-07	0.129558145
579045.014141656.41	579045.01	4141656	0.001572138	0.018856556	0.001978185	0.001977267	0.006718973	0.000321511	0	0	9.58688E-08	9.58688E-08	0.095868791
579065.014141656.41	579065.01	4141656	0.001257311	0.014612867	0.001532992	0.001532281	0.005206861	0.000249154	0	0	7.4404E-08	7.4404E-08	0.074404008
579085.014141656.41	579085.01	4141656	0.001047101	0.011733227	0.001230898	0.001230327	0.004180787	0.000200055	0	0	5.98484E-08	5.98484E-08	0.059848364
579105.014141656.41	579105.01	4141656	0.000897692	0.009703082	0.001017921	0.001017449	0.003457405	0.000165441	0	0	4.95832E-08	4.95832E-08	0.049583199
579125.014141656.41	579125.01	4141656	0.00078356	0.008201239	0.000860368	0.000859968	0.002922268	0.000139834	0	0	4.19791E-08	4.19791E-08	0.041979103
579145.014141656.41	579145.01	4141656	0.000691371	0.007062478	0.000740904	0.00074056	0.002516504	0.000120418	0	0	3.61973E-08	3.61973E-08	0.036197333
579185.014141656.41	579185.01	4141656	0.000547605	0.00542786	0.000569421	0.000569156	0.001934056	9.25468E-05	0	0	2.78655E-08	2.78655E-08	0.027865525
579205.014141656.41	579205.01	4141656	0.000490017	0.004813754	0.000504997	0.000504762	0.001715238	8.20761E-05	0	0	2.47252E-08	2.47252E-08	0.024725223
579225.014141656.41	579225.01	4141656	0.00044006	0.004290988	0.000450155	0.000449946	0.001528966	7.31628E-05	0	0	2.20493E-08	2.20493E-08	0.02204935
579245.014141656.41	579245.01	4141656	0.000396464	0.003847055	0.000403583	0.000403396	0.001370784	6.55936E-05	0	0	1.97737E-08	1.97737E-08	0.019773666
579265.014141656.41	579265.01	4141656	0.000358525	0.003443905	0.00036129	0.000361122	0.001227133	5.87197E-05	0	0	1.77117E-08	1.77117E-08	0.017711734
579285.014141656.41	579285.01	4141656	0.000324893	0.003109359	0.000326194	0.000326042	0.001107928	5.30156E-05	0	0	1.59946E-08	1.59946E-08	0.015994579
579305.014141656.41	579305.01	4141656	0.000296543	0.002828366	0.000296715	0.000296578	0.001007804	4.82246E-05	0	0	1.4552E-08	1.4552E-08	0.014552016
579325.014141656.41	579325.01	4141656	0.000270321	0.002570371	0.00026965	0.000269525	0.000915875	4.38257E-05	0	0	1.3227E-08	1.3227E-08	0.013226974
579345.014141656.41	579345.01	4141656	0.000247723	0.00234873	0.000246398	0.000246284	0.0008369	4.00466E-05	0	0	1.20884E-08	1.20884E-08	0.012088443
578385.014141676.41	578385.01	4141676	3.4953E-05	0.000298258	3.12893E-05	3.12748E-05	0.000106275	5.08539E-06	0	0	1.54499E-09	1.54499E-09	0.001544989
578405.014141676.41	578405.01	4141676	3.77337E-05	0.000321386	3.37156E-05	3.37E-05	0.000114516	5.47974E-06	0	0	1.66499E-09	1.66499E-09	0.001664994
578425.014141676.41	578425.01	4141676	4.08812E-05	0.000347446	3.64495E-05	3.64326E-05	0.000123802	5.92407E-06	0	0	1.80025E-09	1.80025E-09	0.001800252
578445.014141676.41	578445.01	4141676	4.45424E-05	0.000377676	3.96208E-05	3.96025E-05	0.000134574	6.4395E-06	0	0	1.95718E-09	1.95718E-09	0.001957179
578465.014141676.41	578465.01	4141676	4.88858E-05	0.000413443	4.33731E-05	4.3353E-05	0.000147318	7.04934E-06	0	0	2.14289E-09	2.14289E-09	0.002142887
578485.014141676.41	578485.01	4141676	5.37135E-05	0.00045312	4.75354E-05	4.75134E-05	0.000161456	7.72584E-06	0	0	2.34892E-09	2.34892E-09	0.002348918
578505.014141676.41	578505.01	4141676	5.96564E-05	0.000501591	5.26205E-05	5.2596E-05	0.000178727	8.5523E-06	0	0	2.60075E-09	2.60075E-09	0.002600748
578525.014141676.41	578525.01	4141676	6.61275E-05	0.000554298	5.81498E-05	5.81228E-05	0.000197508	9.45097E-06	0	0	2.87461E-09	2.87461E-09	0.002874606
578545.014141676.41	578545.01	4141676	7.38533E-05	0.000616973	6.47248E-05	6.46947E-05	0.00021984	1.05196E-05	0	0	3.20034E-09	3.20034E-09	0.003200343
578565.014141676.41	578565.01	4141676	8.31051E-05	0.000691635	7.25573E-05	7.25237E-05	0.000246443	1.17926E-05	0	0	3.58852E-09	3.58852E-09	0.003588521
578585.014141676.41	578585.01	4141676	9.42939E-05	0.000781412	8.19756E-05	8.19375E-05	0.000278433	1.33233E-05	0	0	4.05546E-09	4.05546E-09	0.004055464
578605.014141676.41	578605.01	4141676	0.000107794	0.000889235	9.3287E-05	9.32437E-05	0.000316853	1.51618E-05	0	0	4.61645E-09	4.61645E-09	0.004616447
578625.014141676.41	578625.01	4141676	0.000124698	0.001023445	0.000107367	0.000107317	0.000364674	1.74501E-05	0	0	5.31499E-09	5.31499E-09	0.005314995
578645.014141676.41	578645.01	4141676	0.000146166	0.001192575	0.000125109	0.000125051	0.000424939	2.03338E-05	0	0	6.19577E-09	6.19577E-09	0.006195769
578665.014141676.41	578665.01	4141676	0.000173254	0.001404508	0.000147343	0.000147274	0.000500455	2.39473E-05	0	0	7.29998E-09	7.29998E-09	0.007299982
578685.014141676.41	578685.01	4141676	0.000206717	0.00166537	0.000174709	0.000174628	0.000593405	2.83951E-05	0	0	8.65946E-09	8.65946E-09	0.008659464
578705.014141676.41	578705.01	4141676	0.00025079	0.002006692	0.000210516	0.000210418	0.000715025	3.42148E-05	0	0	1.04391E-08	1.04391E-08	0.010439082
578985.014141676.41	578985.01	4141676	0.002671661	0.02989209	0.00313589	0.003134435	0.010651158	0.00050967	0	0	1.52484E-07	1.52484E-07	0.152483746

579005.014141676.41	579005.01	4141676	0.001928557	0.022198892	0.00232882	0.002327739	0.007909915	0.000378499	0	0	1.13082E-07	1.13082E-07	0.113082186
579025.014141676.41	579025.01	4141676	0.001437293	0.016579621	0.001739319	0.001738511	0.005907655	0.000282688	0	0	8.44486E-08	8.44486E-08	0.084448613
579045.014141676.41	579045.01	4141676	0.001120771	0.012800583	0.001342871	0.001342248	0.004561107	0.000218254	0	0	6.52315E-08	6.52315E-08	0.065231458
579065.014141676.41	579065.01	4141676	0.00090858	0.010223241	0.00107249	0.001071992	0.003642748	0.00017431	0	0	5.21356E-08	5.21356E-08	0.052135603
579085.014141676.41	579085.01	4141676	0.000763009	0.008444445	0.000885882	0.00088547	0.003008927	0.000143981	0	0	4.30998E-08	4.30998E-08	0.043099762
579105.014141676.41	579105.01	4141676	0.000660894	0.00711968	0.000746904	0.000746558	0.002536886	0.000121393	0	0	3.63882E-08	3.63882E-08	0.036388161
579125.014141676.41	579125.01	4141676	0.000584964	0.006131286	0.000643215	0.000642916	0.002184702	0.00010454	0	0	3.13814E-08	3.13814E-08	0.031381432
579145.014141676.41	579145.01	4141676	0.000524501	0.005374567	0.00056383	0.000563568	0.001915067	9.16382E-05	0	0	2.75416E-08	2.75416E-08	0.027541639
579165.014141676.41	579165.01	4141676	0.000473612	0.00477108	0.00050052	0.000500288	0.001700033	8.13485E-05	0	0	2.44718E-08	2.44718E-08	0.024471819
579185.014141676.41	579185.01	4141676	0.000430023	0.004273072	0.000448275	0.000448067	0.001522582	7.28573E-05	0	0	2.1934E-08	2.1934E-08	0.021934025
579205.014141676.41	579205.01	4141676	0.000391849	0.003851355	0.000404034	0.000403847	0.001372316	6.56669E-05	0	0	1.97814E-08	1.97814E-08	0.019781418
579225.014141676.41	579225.01	4141676	0.000357748	0.003487751	0.00036589	0.00036572	0.001242757	5.94673E-05	0	0	1.79221E-08	1.79221E-08	0.017922075
579245.014141676.41	579245.01	4141676	0.000327131	0.0031706	0.000332618	0.000332464	0.001129749	5.40598E-05	0	0	1.62978E-08	1.62978E-08	0.016297799
579265.014141676.41	579265.01	4141676	0.000299896	0.002891432	0.000303331	0.000303191	0.001030276	4.92999E-05	0	0	1.48672E-08	1.48672E-08	0.014867243
579285.014141676.41	579285.01	4141676	0.000275633	0.002638193	0.000276765	0.000276636	0.000940042	4.49821E-05	0	0	1.35708E-08	1.35708E-08	0.013570813
579305.014141676.41	579305.01	4141676	0.000252991	0.002407756	0.000252591	0.000252473	0.000857932	4.1053E-05	0	0	1.23895E-08	1.23895E-08	0.012389521
579325.014141676.41	579325.01	4141676	0.000234003	0.002220124	0.000232907	0.000232798	0.000791075	3.78538E-05	0	0	1.14261E-08	1.14261E-08	0.011426089
579345.014141676.41	579345.01	4141676	0.000216549	0.002055489	0.000215635	0.000215535	0.000732412	3.50468E-05	0	0	1.05785E-08	1.05785E-08	0.010578492
578385.014141696.41	578385.01	4141696	3.63544E-05	0.000309398	3.24581E-05	3.2443E-05	0.000110245	5.27534E-06	0	0	1.60297E-09	1.60297E-09	0.00160297
578405.014141696.41	578405.01	4141696	3.93478E-05	0.000334155	3.50553E-05	3.5039E-05	0.000119066	5.69746E-06	0	0	1.73147E-09	1.73147E-09	0.001731474
578425.014141696.41	578425.01	4141696	4.28549E-05	0.000363082	3.80899E-05	3.80722E-05	0.000129374	6.19067E-06	0	0	1.88165E-09	1.88165E-09	0.001881648
578445.014141696.41	578445.01	4141696	4.69929E-05	0.000397025	4.16508E-05	4.16314E-05	0.000141468	6.76942E-06	0	0	2.05793E-09	2.05793E-09	0.00205793
578465.014141696.41	578465.01	4141696	5.16078E-05	0.000434878	4.56217E-05	4.56005E-05	0.000154956	7.41481E-06	0	0	2.25451E-09	2.25451E-09	0.002254514
578485.014141696.41	578485.01	4141696	5.68757E-05	0.000477877	5.01326E-05	5.01094E-05	0.000170277	8.14796E-06	0	0	2.4779E-09	2.4779E-09	0.002477901
578505.014141696.41	578505.01	4141696	6.34055E-05	0.000530909	5.56961E-05	5.56702E-05	0.000189174	9.05218E-06	0	0	2.7535E-09	2.7535E-09	0.002753504
578525.014141696.41	578525.01	4141696	7.09332E-05	0.000591694	6.20729E-05	6.20441E-05	0.000210833	1.00886E-05	0	0	3.06952E-09	3.06952E-09	0.00306952
578565.014141696.41	578565.01	4141696	9.01119E-05	0.000745905	7.82507E-05	7.82143E-05	0.000265781	1.27179E-05	0	0	3.87148E-09	3.87148E-09	0.003871478
578585.014141696.41	578585.01	4141696	0.000102871	0.000847735	8.89333E-05	8.8892E-05	0.000302065	1.44542E-05	0	0	4.4013E-09	4.4013E-09	0.004401302
578605.014141696.41	578605.01	4141696	0.000118491	0.000971715	0.00010194	0.000101892	0.000346242	1.65681E-05	0	0	5.04662E-09	5.04662E-09	0.005046624
578625.014141696.41	578625.01	4141696	0.000137758	0.001123971	0.000117913	0.000117858	0.000400494	1.91641E-05	0	0	5.83936E-09	5.83936E-09	0.005839356
578645.014141696.41	578645.01	4141696	0.000162909	0.001321311	0.000138615	0.000138551	0.00047081	2.25288E-05	0	0	6.86733E-09	6.86733E-09	0.00686733
578665.014141696.41	578665.01	4141696	0.000194325	0.001566928	0.000164382	0.000164305	0.000558328	2.67166E-05	0	0	8.1471E-09	8.1471E-09	0.008147102
578685.014141696.41	578685.01	4141696	0.000233842	0.001875284	0.00019673	0.000196639	0.000668202	3.19742E-05	0	0	9.75399E-09	9.75399E-09	0.00975399
578945.014141696.41	578945.01	4141696	0.003057289	0.031825162	0.003338683	0.003337133	0.01133995	0.00054263	0	0	1.62948E-07	1.62948E-07	0.162948476
578965.014141696.41	578965.01	4141696	0.002410614	0.02581082	0.002707736	0.00270648	0.009196918	0.000440083	0	0	1.31959E-07	1.31959E-07	0.131958874
578985.014141696.41	578985.01	4141696	0.001823551	0.02002698	0.002100971	0.002099996	0.007136019	0.000341467	0	0	1.02256E-07	1.02256E-07	0.102255763
579005.014141696.41	579005.01	4141696	0.001375773	0.015243065	0.001599105	0.001598362	0.005431413	0.000259899	0	0	7.7795E-08	7.7795E-08	0.077795015
579025.014141696.41	579025.01	4141696	0.001064805	0.011694528	0.001226838	0.001226269	0.004166997	0.000199396	0	0	5.9711E-08	5.9711E-08	0.059710991
579045.014141696.41	579045.01	4141696	0.000848843	0.009243968	0.000969757	0.000969307	0.003293813	0.000157613	0	0	4.7219E-08	4.7219E-08	0.047219026
579065.014141696.41	579065.01	4141696	0.000695385	0.007557881	0.000792875	0.000792507	0.002693026	0.000128864	0	0	3.86102E-08	3.86102E-08	0.038610222
579085.014141696.41	579085.01	4141696	0.000586923	0.006325108	0.000663548	0.00066324	0.002253764	0.000107845	0	0	3.23266E-08	3.23266E-08	0.032326557
579105.014141696.41	579105.01	4141696	0.000509533	0.005409813	0.000567527	0.000567264	0.001927626	9.22391E-05	0	0	2.767E-08	2.767E-08	0.027670036
579125.014141696.41	579125.01	4141696	0.000452804	0.004715507	0.00049469	0.00049446	0.001680231	8.0401E-05	0	0	2.41434E-08	2.41434E-08	0.024143394
579145.014141696.41	579145.01	4141696	0.000408673	0.004182057	0.000438727	0.000438524	0.001490152	7.13055E-05	0	0	2.14323E-08	2.14323E-08	0.021432253
579165.014141696.41	579165.01	4141696	0.000372737	0.003754998	0.000393926	0.000393743	0.001337982	6.4024E-05	0	0	1.92601E-08	1.92601E-08	0.019260097
579185.014141696.41	579185.01	4141696	0.00034201	0.00340247	0.000356943	0.000356777	0.001212369	5.80132E-05	0	0	1.7464E-08	1.7464E-08	0.017464018
579205.014141696.41	579205.01	4141696	0.000315597	0.003104277	0.00032566	0.000325509	0.001106117	5.2929E-05	0	0	1.59436E-08	1.59436E-08	0.015943573
579225.014141696.41	579225.01	4141696	0.000291774	0.00284524	0.000298486	0.000298347	0.001013817	4.85123E-05	0	0	1.46203E-08	1.46203E-08	0.014620285
579245.014141696.41	579245.01	4141696	0.000270314	0.002613175	0.00027414	0.000274013	0.000931127	4.45555E-05	0	0	1.34344E-08	1.34344E-08	0.013434448
579265.014141696.41	579265.01	4141696	0.000250592	0.00241349	0.000253192	0.000253074	0.000859975	4.11508E-05	0	0	1.24105E-08	1.24105E-08	0.012410507
579285.014141696.41	579285.01	4141696	0.000232734	0.002230939	0.000234041	0.000233933	0.000794929	3.80382E-05	0	0	1.14749E-08	1.14749E-08	0.011474914

579305.014141696.41	579305.01	4141696	0.000216373	0.002055098	0.000215594	0.000215494	0.000732273	3.50401E-05	0	0	1.05761E-08	1.05761E-08	0.010576097
579325.014141696.41	579325.01	4141696	0.000201611	0.00191496	0.000200893	0.0002008	0.000682339	3.26507E-05	0	0	9.85489E-09	9.85489E-09	0.009854887
579345.014141696.41	579345.01	4141696	0.000187972	0.001783096	0.000187059	0.000186972	0.000635353	3.04024E-05	0	0	9.17697E-09	9.17697E-09	0.009176972
578385.014141716.41	578385.01	4141716	3.80419E-05	0.000322754	3.38592E-05	3.38435E-05	0.000115004	5.50307E-06	0	0	1.6725E-09	1.6725E-09	0.0016725
578405.014141716.41	578405.01	4141716	4.13728E-05	0.000350248	3.67434E-05	3.67264E-05	0.0001248	5.97184E-06	0	0	1.81523E-09	1.81523E-09	0.001815226
578425.014141716.41	578425.01	4141716	4.53054E-05	0.000382497	4.01266E-05	4.0108E-05	0.000136291	6.5217E-06	0	0	1.98271E-09	1.98271E-09	0.001982714
578445.014141716.41	578445.01	4141716	4.98176E-05	0.000419372	4.39951E-05	4.39746E-05	0.000149431	7.15043E-06	0	0	2.17427E-09	2.17427E-09	0.00217427
578465.014141716.41	578465.01	4141716	5.47994E-05	0.000460026	4.82599E-05	4.82375E-05	0.000163916	7.84359E-06	0	0	2.38548E-09	2.38548E-09	0.002385475
578485.014141716.41	578485.01	4141716	6.06909E-05	0.000507846	5.32766E-05	5.32519E-05	0.000180956	8.65894E-06	0	0	2.634E-09	2.634E-09	0.002634002
578505.014141716.41	578505.01	4141716	6.81085E-05	0.000567719	5.95577E-05	5.95301E-05	0.00020229	9.6798E-06	0	0	2.94528E-09	2.94528E-09	0.002945285
578525.014141716.41	578525.01	4141716	7.69128E-05	0.000638407	6.69734E-05	6.69423E-05	0.000227477	1.08851E-05	0	0	3.31293E-09	3.31293E-09	0.003312928
578605.014141716.41	578605.01	4141716	0.000131111	0.001070157	0.000112267	0.000112215	0.000381319	1.82465E-05	0	0	5.55963E-09	5.55963E-09	0.00555963
578625.014141716.41	578625.01	4141716	0.000153899	0.001249972	0.000131131	0.00013107	0.00044539	2.13124E-05	0	0	6.49595E-09	6.49595E-09	0.006495946
578645.014141716.41	578645.01	4141716	0.000182865	0.001477867	0.000155039	0.000154967	0.000526594	2.51981E-05	0	0	7.68286E-09	7.68286E-09	0.007682863
578665.014141716.41	578665.01	4141716	0.00021842	0.001757688	0.000184394	0.000184308	0.0006263	2.99692E-05	0	0	9.14018E-09	9.14018E-09	0.009140181
578685.014141716.41	578685.01	4141716	0.000264943	0.002123767	0.000222798	0.000222695	0.000756741	3.62109E-05	0	0	1.10468E-08	1.10468E-08	0.011046764
578905.014141716.41	578905.01	4141716	0.002663965	0.025922878	0.002719492	0.00271823	0.009236847	0.000441994	0	0	1.33221E-07	1.33221E-07	0.133220827
578925.014141716.41	578925.01	4141716	0.002496969	0.025087001	0.002631803	0.002630581	0.008939007	0.000427742	0	0	1.28695E-07	1.28695E-07	0.128695087
578945.014141716.41	578945.01	4141716	0.002115656	0.021895683	0.002297011	0.002295945	0.007801876	0.000373329	0	0	1.12143E-07	1.12143E-07	0.112143142
578965.014141716.41	578965.01	4141716	0.001684642	0.017925104	0.001880469	0.001879596	0.006387078	0.000305629	0	0	9.16727E-08	9.16727E-08	0.091672665
578985.014141716.41	578985.01	4141716	0.001312074	0.014174732	0.001487029	0.001486339	0.005050744	0.000241684	0	0	7.24355E-08	7.24355E-08	0.07243547
579005.014141716.41	579005.01	4141716	0.001028561	0.011056838	0.00115994	0.001159402	0.003939775	0.000188523	0	0	5.65169E-08	5.65169E-08	0.056516911
579025.014141716.41	579025.01	4141716	0.000821844	0.008727588	0.000915585	0.00091516	0.003109816	0.000148808	0	0	4.46392E-08	4.46392E-08	0.044639231
579045.014141716.41	579045.01	4141716	0.000669236	0.007048276	0.000739414	0.00073907	0.002511443	0.000120175	0	0	3.60657E-08	3.60657E-08	0.036065687
579065.014141716.41	579065.01	4141716	0.000555565	0.005830097	0.000611618	0.000611334	0.002077382	9.94051E-05	0	0	2.9838E-08	2.9838E-08	0.029837988
579085.014141716.41	579085.01	4141716	0.000471301	0.004939885	0.000518229	0.000517988	0.001760181	8.42267E-05	0	0	2.52836E-08	2.52836E-08	0.025283555
579105.014141716.41	579105.01	4141716	0.000409077	0.00426128	0.000447038	0.000446831	0.00151838	7.26562E-05	0	0	2.18174E-08	2.18174E-08	0.021817436
579125.014141716.41	579125.01	4141716	0.000363478	0.003741837	0.000392545	0.000392363	0.001333292	6.37996E-05	0	0	1.917E-08	1.917E-08	0.019170033
579145.014141716.41	579145.01	4141716	0.000328554	0.003338427	0.000350224	0.000350062	0.001189549	5.69213E-05	0	0	1.71154E-08	1.71154E-08	0.017115393
579165.014141716.41	579165.01	4141716	0.000300556	0.003017758	0.000316584	0.000316437	0.001075288	5.14538E-05	0	0	1.54815E-08	1.54815E-08	0.015481494
579185.014141716.41	579185.01	4141716	0.000277357	0.002754616	0.000288979	0.000288844	0.000981526	4.69671E-05	0	0	1.41401E-08	1.41401E-08	0.014140077
579205.014141716.41	579205.01	4141716	0.000257709	0.002533496	0.000265782	0.000265658	0.000902736	4.3197E-05	0	0	1.30124E-08	1.30124E-08	0.013012439
579225.014141716.41	579225.01	4141716	0.000240276	0.00234202	0.000245694	0.00024558	0.000834509	3.99322E-05	0	0	1.20348E-08	1.20348E-08	0.012034786
579245.014141716.41	579245.01	4141716	0.000224531	0.002157645	0.000226352	0.000226247	0.000768813	3.67886E-05	0	0	1.10963E-08	1.10963E-08	0.011096345
579265.014141716.41	579265.01	4141716	0.000210202	0.002017116	0.00021161	0.000211511	0.000718739	3.43925E-05	0	0	1.03745E-08	1.03745E-08	0.010374468
579285.014141716.41	579285.01	4141716	0.000196967	0.001883102	0.000197551	0.000197459	0.000670987	3.21075E-05	0	0	9.68728E-09	9.68728E-09	0.009687275
579305.014141716.41	579305.01	4141716	0.000184325	0.001748567	0.000183437	0.000183352	0.00062305	2.98136E-05	0	0	8.99924E-09	8.99924E-09	0.008999242
579325.014141716.41	579325.01	4141716	0.000173415	0.001639505	0.000171996	0.000171916	0.000584189	2.79541E-05	0	0	8.43961E-09	8.43961E-09	0.008439606
579345.014141716.41	579345.01	4141716	0.000163026	0.001542431	0.000161812	0.000161737	0.0005496	2.6299E-05	0	0	7.93956E-09	7.93956E-09	0.00793956
578385.014141736.41	578385.01	4141736	4.00448E-05	0.000338781	3.55405E-05	3.5524E-05	0.000120715	5.77633E-06	0	0	1.75587E-09	1.75587E-09	0.001755874
578405.014141736.41	578405.01	4141736	4.38453E-05	0.000369923	3.88075E-05	3.87895E-05	0.000131811	6.30731E-06	0	0	1.91762E-09	1.91762E-09	0.001917619
578425.014141736.41	578425.01	4141736	4.81815E-05	0.000405299	4.25188E-05	4.2499E-05	0.000144416	6.91049E-06	0	0	2.10141E-09	2.10141E-09	0.002101411
578445.014141736.41	578445.01	4141736	5.29945E-05	0.00044452	4.66333E-05	4.66116E-05	0.000158391	7.57921E-06	0	0	2.30519E-09	2.30519E-09	0.002305189
578465.014141736.41	578465.01	4141736	5.85632E-05	0.000489734	5.13766E-05	5.13527E-05	0.000174502	8.35013E-06	0	0	2.54017E-09	2.54017E-09	0.002540167
578485.014141736.41	578485.01	4141736	6.52765E-05	0.000544069	5.70767E-05	5.70502E-05	0.000193863	9.27656E-06	0	0	2.82261E-09	2.82261E-09	0.002822607
578505.014141736.41	578505.01	4141736	7.44256E-05	0.000619969	6.50391E-05	6.5009E-05	0.000220908	1.05707E-05	0	0	3.21649E-09	3.21649E-09	0.003216494
578625.014141736.41	578625.01	4141736	0.000172102	0.001395322	0.000146379	0.000146311	0.000497182	2.37907E-05	0	0	7.25218E-09	7.25218E-09	0.007252183
578645.014141736.41	578645.01	4141736	0.000203893	0.001647909	0.000172877	0.000172797	0.000587184	2.80974E-05	0	0	8.56681E-09	8.56681E-09	0.00856681
578665.014141736.41	578665.01	4141736	0.000244414	0.001970468	0.000206716	0.00020662	0.000702118	3.35971E-05	0	0	1.02454E-08	1.02454E-08	0.010245398
578865.014141736.41	578865.01	4141736	0.001899745	0.017417453	0.001827213	0.001826365	0.006206192	0.000296973	0	0	8.9822E-08	8.9822E-08	0.089822022
578885.014141736.41	578885.01	4141736	0.002041714	0.019329742	0.002027826	0.002026884	0.006887579	0.000329579	0	0	9.94948E-08	9.94948E-08	0.099494761

578905.014141736.41	578905.01	4141736	0.002013797	0.01965608	0.002062061	0.002061104	0.00700386	0.000335143	0	0	1.00998E-07	1.00998E-07	0.10099751
578925.014141736.41	578925.01	4141736	0.001816985	0.018233394	0.001912811	0.001911923	0.006496928	0.000310885	0	0	9.35426E-08	9.35426E-08	0.09354258
578945.014141736.41	578945.01	4141736	0.001525644	0.015745047	0.001651766	0.001650999	0.005610279	0.000268458	0	0	8.06536E-08	8.06536E-08	0.080653591
578965.014141736.41	578965.01	4141736	0.001231551	0.01297271	0.001360928	0.001360297	0.00462244	0.000221189	0	0	6.63801E-08	6.63801E-08	0.066380133
578985.014141736.41	578985.01	4141736	0.000985508	0.010465274	0.001097881	0.001097371	0.003728989	0.000178436	0	0	5.35271E-08	5.35271E-08	0.053527117
579005.014141736.41	579005.01	4141736	0.000796634	0.008381835	0.000879313	0.000878905	0.002986618	0.000142913	0	0	4.28917E-08	4.28917E-08	0.04289165
579025.014141736.41	579025.01	4141736	0.00065352	0.006772039	0.000710434	0.000710105	0.002413015	0.000115466	0	0	3.4682E-08	3.4682E-08	0.034682022
579045.014141736.41	579045.01	4141736	0.000542872	0.005567867	0.000584108	0.000583837	0.001983944	9.4934E-05	0	0	2.85308E-08	2.85308E-08	0.028530799
579065.014141736.41	579065.01	4141736	0.000456554	0.004675309	0.000490473	0.000490245	0.001665908	7.97156E-05	0	0	2.39592E-08	2.39592E-08	0.023959169
579085.014141736.41	579085.01	4141736	0.000389979	0.003996053	0.000419214	0.000419019	0.001423875	6.8134E-05	0	0	2.04775E-08	2.04775E-08	0.020477549
579105.014141736.41	579105.01	4141736	0.0003392	0.003466903	0.000363703	0.000363534	0.001235328	5.91119E-05	0	0	1.77684E-08	1.77684E-08	0.017768393
579125.014141736.41	579125.01	4141736	0.00030118	0.003056522	0.000320651	0.000320502	0.001089101	5.21147E-05	0	0	1.56712E-08	1.56712E-08	0.015671176
579145.014141736.41	579145.01	4141736	0.000271913	0.002735657	0.00028699	0.000286856	0.00097477	4.66439E-05	0	0	1.40327E-08	1.40327E-08	0.014032729
579165.014141736.41	579165.01	4141736	0.000248758	0.002480855	0.000260259	0.000260138	0.000883979	4.22994E-05	0	0	1.27319E-08	1.27319E-08	0.012731863
579185.014141736.41	579185.01	4141736	0.000229865	0.002272895	0.000238443	0.000238332	0.000809879	3.87536E-05	0	0	1.16702E-08	1.16702E-08	0.011670165
579205.014141736.41	579205.01	4141736	0.000214223	0.002100313	0.000220338	0.000220235	0.000748384	3.5811E-05	0	0	1.07892E-08	1.07892E-08	0.010789178
579225.014141736.41	579225.01	4141736	0.000200642	0.001952096	0.000204789	0.000204694	0.000695571	3.32839E-05	0	0	1.00322E-08	1.00322E-08	0.010032158
579245.014141736.41	579245.01	4141736	0.000188573	0.001821209	0.000191058	0.000190969	0.000648934	3.10522E-05	0	0	9.36343E-09	9.36343E-09	0.009363434
579265.014141736.41	579265.01	4141736	0.000177612	0.00169801	0.000178133	0.00017805	0.000605035	2.89516E-05	0	0	8.73512E-09	8.73512E-09	0.008735119
579285.014141736.41	579285.01	4141736	0.000167546	0.001595594	0.000167389	0.000167311	0.000568542	2.72054E-05	0	0	8.21009E-09	8.21009E-09	0.008210091
579305.014141736.41	579305.01	4141736	0.000158228	0.00150725	0.000158121	0.000158048	0.000537064	2.56991E-05	0	0	7.7554E-09	7.7554E-09	0.007755404
579325.014141736.41	579325.01	4141736	0.000149563	0.001419753	0.000148942	0.000148873	0.000505887	2.42073E-05	0	0	7.30667E-09	7.30667E-09	0.007306674
579345.014141736.41	579345.01	4141736	0.000141426	0.001338772	0.000140447	0.000140381	0.000477031	2.28265E-05	0	0	6.89103E-09	6.89103E-09	0.006891025
578385.014141756.41	578385.01	4141756	4.25834E-05	0.000359108	3.76729E-05	3.76555E-05	0.000127957	6.12291E-06	0	0	1.86161E-09	1.86161E-09	0.001861612
578405.014141756.41	578405.01	4141756	4.67508E-05	0.000393051	4.12338E-05	4.12147E-05	0.000140052	6.70165E-06	0	0	2.03798E-09	2.03798E-09	0.002037978
578425.014141756.41	578425.01	4141756	5.14757E-05	0.000431555	4.52732E-05	4.52521E-05	0.000153772	7.35816E-06	0	0	2.23803E-09	2.23803E-09	0.002238033
578445.014141756.41	578445.01	4141756	5.69197E-05	0.000475727	4.99071E-05	4.98839E-05	0.000169511	8.1113E-06	0	0	2.4676E-09	2.4676E-09	0.002467603

Cubberley Community Center Master Plan - Mitigation

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Worker Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition I - Phase III	2033	0.327567987	8	0.005159082
Demolition II - Phase III	2034	0.31	8	0.004870008
Grading- Phase III	2034	0.36	8	0.005742208
Building Construction I- Phase III	2034	0.04	8	0.000682906
Building Construction II- Phase III	2035	0.04	8	0.000682734
Paving- Phase III	2035	0.13	8	0.001968872
Architectural Coating- Phase III	2035	0.01	8	8.74444E-05

Risk Summary	
Maximum Risk, Uncc	0.211
UTM X	578985.01
UTM Y	4141276.41

AERMOD Column Identifier:			*12*	*13*	*13*	*13*	*13*	*13*	*13*					
			Demolition I - Phase III	Demolition II - Phase III	Grading- Phase III	ng Construction I- Ph	ng Construction II- Ph	Paving- Phase III	ectural Coating- Ph	Child Risk				
Unique Identifier	X (UTM)	Y (UTM)	2033	2034	2034	2034	2035	2035	2035	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.41	578385.01	4141176	0.000266157	0.000246568	0.000290728	3.45755E-05	3.45668E-05	9.9684E-05	4.42731E-06	0	0	2.29151E-09	2.29151E-09	0.002291506
578405.014141176.41	578405.01	4141176	0.000295719	0.000273451	0.000322425	3.83452E-05	3.83355E-05	0.000110552	4.91E-06	0	0	2.54253E-09	2.54253E-09	0.002542535
578425.014141176.41	578425.01	4141176	0.000330697	0.000305203	0.000359864	4.27977E-05	4.27869E-05	0.000123389	5.48014E-06	0	0	2.83918E-09	2.83918E-09	0.002839176
578445.014141176.41	578445.01	4141176	0.00037264	0.000343092	0.000404539	4.81107E-05	4.80986E-05	0.000138707	6.16046E-06	0	0	3.19359E-09	3.19359E-09	0.003193594
578465.014141176.41	578465.01	4141176	0.00041964	0.00038551	0.000454553	5.40588E-05	5.40452E-05	0.000155856	6.9221E-06	0	0	3.59047E-09	3.59047E-09	0.003590471
578485.014141176.41	578485.01	4141176	0.000476183	0.000436158	0.000514272	6.1161E-05	6.11456E-05	0.000176332	7.83152E-06	0	0	4.06529E-09	4.06529E-09	0.004065289
578505.014141176.41	578505.01	4141176	0.000555685	0.000497666	0.000586796	6.97861E-05	6.97686E-05	0.000201199	8.93594E-06	0	0	4.66574E-09	4.66574E-09	0.004665737
578525.014141176.41	578525.01	4141176	0.000636476	0.000568427	0.00067023	7.97088E-05	7.96887E-05	0.000229807	1.02065E-05	0	0	5.33306E-09	5.33306E-09	0.005333055
578545.014141176.41	578545.01	4141176	0.000733725	0.000664659	0.000783697	9.3203E-05	9.31795E-05	0.000268712	1.19344E-05	0	0	6.21282E-09	6.21282E-09	0.006212818
578565.014141176.41	578565.01	4141176	0.000845419	0.000749933	0.000884243	0.000105161	0.000105134	0.000303187	1.34656E-05	0	0	7.04851E-09	7.04851E-09	0.007048511
578585.014141176.41	578585.01	4141176	0.000978936	0.000876894	0.001033942	0.000122964	0.000122933	0.000354515	1.57452E-05	0	0	8.22067E-09	8.22067E-09	0.008220673
578605.014141176.41	578605.01	4141176	0.001135978	0.001011062	0.00119214	0.000141778	0.000141742	0.000408758	1.81543E-05	0	0	9.49444E-09	9.49444E-09	0.009494437
578625.014141176.41	578625.01	4141176	0.001317268	0.00115015	0.001356137	0.000161282	0.000161241	0.000464989	2.06517E-05	0	0	1.08556E-08	1.08556E-08	0.010855552
578645.014141176.41	578645.01	4141176	0.001531061	0.001327613	0.001565383	0.000186167	0.00018612	0.000536734	2.38382E-05	0	0	1.25537E-08	1.25537E-08	0.012553698
578665.014141176.41	578665.01	4141176	0.001789737	0.001540968	0.001816949	0.000216085	0.000216031	0.000622991	2.76691E-05	0	0	1.45989E-08	1.45989E-08	0.01459891
578685.014141176.41	578685.01	4141176	0.002103358	0.001819727	0.002145633	0.000255175	0.00025511	0.000735689	3.26745E-05	0	0	1.72175E-08	1.72175E-08	0.017217539
578705.014141176.41	578705.01	4141176	0.002467331	0.002118551	0.002497975	0.000297078	0.000297003	0.000856499	3.804E-05	0	0	2.00857E-08	2.00857E-08	0.020085728
578725.014141176.41	578725.01	4141176	0.002897547	0.002469045	0.002911242	0.000346226	0.000346139	0.000998199	4.43334E-05	0	0	2.34571E-08	2.34571E-08	0.023457135
578745.014141176.41	578745.01	4141176	0.003414848	0.002886648	0.003403636	0.000404786	0.000404684	0.001167029	5.18318E-05	0	0	2.74844E-08	2.74844E-08	0.027484423
578765.014141176.41	578765.01	4141176	0.004014746	0.003366831	0.003969818	0.00047212	0.000472001	0.00136116	6.04538E-05	0	0	3.21264E-08	3.21264E-08	0.032126379
578785.014141176.41	578785.01	4141176	0.004732736	0.003936086	0.004641025	0.000551945	0.000551806	0.001591302	7.06752E-05	0	0	3.76444E-08	3.76444E-08	0.037644382
578805.014141176.41	578805.01	4141176	0.00557898	0.004600745	0.005424721	0.000645148	0.000644985	0.001860013	8.26096E-05	0	0	4.41046E-08	4.41046E-08	0.044104589
578825.014141176.41	578825.01	4141176	0.00658077	0.005381359	0.00634514	0.000754611	0.000754421	0.002175604	9.6626E-05	0	0	5.17092E-08	5.17092E-08	0.051709225
578845.014141176.41	578845.01	4141176	0.007743885	0.006283089	0.007408367	0.000881058	0.000880836	0.00254016	0.000112817	0	0	6.05067E-08	6.05067E-08	0.06050672
578865.014141176.41	578865.01	4141176	0.008998935	0.007257627	0.00855744	0.001017714	0.001017458	0.002934151	0.000130316	0	0	7.00102E-08	7.00102E-08	0.070010188
578885.014141176.41	578885.01	4141176	0.010363255	0.008325765	0.009816878	0.001167496	0.001167202	0.003365984	0.000149495	0	0	8.04016E-08	8.04016E-08	0.080401648
578905.014141176.41	578905.01	4141176	0.011759302	0.009440315	0.01113104	0.001323785	0.001323452	0.00381658	0.000169507	0	0	9.1184E-08	9.1184E-08	0.091184046
578925.014141176.41	578925.01	4141176	0.013115367	0.010560856	0.012452265	0.001480915	0.001480542	0.004269598	0.000189627	0	0	1.0192E-07	1.0192E-07	0.101919989
578945.014141176.41	578945.01	4141176	0.014338895	0.01162992	0.013712794	0.001630827	0.001630416	0.004701805	0.000208823	0	0	1.12008E-07	1.12008E-07	0.112008305
578965.014141176.41	578965.01	4141176	0.015283677	0.012536277	0.014781476	0.001757922	0.00175748	0.005068232	0.000225098	0	0	1.20358E-07	1.20358E-07	0.120357785
578985.014141176.41	578985.01	4141176	0.015891624	0.013229133	0.01559842	0.001855079	0.001854612	0.005348343	0.000237538	0	0	1.26489E-07	1.26489E-07	0.126489196

579005.014141176.41	579005.01	4141176	0.016105674	0.013644593	0.016088288	0.001913338	0.001912856	0.005516308	0.000244998	0	0	1.29835E-07	1.29835E-07	0.129834919
579025.014141176.41	579025.01	4141176	0.015965708	0.013793567	0.016263942	0.001934228	0.001933741	0.005576535	0.000247673	0	0	1.30558E-07	1.30558E-07	0.130558125
579045.014141176.41	579045.01	4141176	0.015496851	0.013665534	0.016112979	0.001916274	0.001915792	0.005524774	0.000245374	0	0	1.28641E-07	1.28641E-07	0.12864126
579065.014141176.41	579065.01	4141176	0.014747958	0.013270869	0.015647631	0.001860932	0.001860463	0.005365216	0.000238288	0	0	1.24264E-07	1.24264E-07	0.124263525
579085.014141176.41	579085.01	4141176	0.013778567	0.012637135	0.014900397	0.001772065	0.001771619	0.005109007	0.000226909	0	0	1.17747E-07	1.17747E-07	0.11774657
579105.014141176.41	579105.01	4141176	0.012687421	0.011838453	0.013958675	0.001660069	0.001659651	0.004786112	0.000212568	0	0	1.0982E-07	1.0982E-07	0.10982044
579125.014141176.41	579125.01	4141176	0.011548244	0.010937648	0.012896539	0.001533752	0.001533365	0.00442193	0.000196393	0	0	1.01082E-07	1.01082E-07	0.10108198
579145.014141176.41	579145.01	4141176	0.010415464	0.009989311	0.011778359	0.001400769	0.001400417	0.004038531	0.000179365	0	0	9.20287E-08	9.20287E-08	0.092028655
579165.014141176.41	579165.01	4141176	0.009318386	0.009029969	0.010647202	0.001266244	0.001265925	0.003650683	0.000162139	0	0	8.29777E-08	8.29777E-08	0.082977657
579185.014141176.41	579185.01	4141176	0.008325108	0.00813228	0.00958874	0.001140364	0.001140077	0.003287761	0.000146021	0	0	7.45815E-08	7.45815E-08	0.074581544
579205.014141176.41	579205.01	4141176	0.007407616	0.007281928	0.008586093	0.001021122	0.001020864	0.002943976	0.000130752	0	0	6.66796E-08	6.66796E-08	0.06667964
579225.014141176.41	579225.01	4141176	0.006589076	0.006508571	0.007674231	0.000912676	0.000912446	0.002631319	0.000116866	0	0	5.95281E-08	5.95281E-08	0.059528119
578385.014141196.41	578385.01	4141196	0.000261823	0.000242721	0.000286192	3.4036E-05	3.40274E-05	9.81286E-05	4.35823E-06	0	0	2.25535E-09	2.25535E-09	0.002255353
578405.014141196.41	578405.01	4141196	0.000290817	0.000269165	0.000317372	3.77442E-05	3.77347E-05	0.00010882	4.83305E-06	0	0	2.5021E-09	2.5021E-09	0.002502101
578425.014141196.41	578425.01	4141196	0.000325332	0.000300577	0.000354409	4.21489E-05	4.21383E-05	0.000121519	5.39707E-06	0	0	2.79536E-09	2.79536E-09	0.002795362
578445.014141196.41	578445.01	4141196	0.000365521	0.000336956	0.000397303	4.72502E-05	4.72383E-05	0.000136226	6.05028E-06	0	0	3.13548E-09	3.13548E-09	0.003135477
578465.014141196.41	578465.01	4141196	0.000413191	0.000380007	0.000448064	5.32871E-05	5.32737E-05	0.000153631	6.82328E-06	0	0	3.53821E-09	3.53821E-09	0.003538209
578485.014141196.41	578485.01	4141196	0.000470096	0.00043119	0.000508415	6.04645E-05	6.04492E-05	0.000174324	7.74232E-06	0	0	4.01753E-09	4.01753E-09	0.004017528
578505.014141196.41	578505.01	4141196	0.000548204	0.000491627	0.000579676	6.89393E-05	6.8922E-05	0.000198758	8.82751E-06	0	0	4.6075E-09	4.6075E-09	0.0046075
578525.014141196.41	578525.01	4141196	0.000630595	0.000564093	0.00066512	7.9101E-05	7.9081E-05	0.000228054	1.01287E-05	0	0	5.29013E-09	5.29013E-09	0.00529013
578545.014141196.41	578545.01	4141196	0.000728462	0.000661152	0.000779562	9.27113E-05	9.26879E-05	0.000267294	1.18714E-05	0	0	6.17698E-09	6.17698E-09	0.006176983
578565.014141196.41	578565.01	4141196	0.000844697	0.000762497	0.000899057	0.000106923	0.000106896	0.000308266	1.36912E-05	0	0	7.13387E-09	7.13387E-09	0.007133874
578585.014141196.41	578585.01	4141196	0.000981928	0.000881082	0.00103888	0.000123551	0.00012352	0.000356208	1.58204E-05	0	0	8.25624E-09	8.25624E-09	0.008256236
578605.014141196.41	578605.01	4141196	0.001142324	0.001018319	0.001200696	0.000142796	0.00014276	0.000411691	1.82846E-05	0	0	9.5586E-09	9.5586E-09	0.009558605
578625.014141196.41	578625.01	4141196	0.001332436	0.001163932	0.001372388	0.000163214	0.000163173	0.00047056	2.08992E-05	0	0	1.09843E-08	1.09843E-08	0.010984277
578645.014141196.41	578645.01	4141196	0.001564646	0.001374608	0.001620796	0.000192757	0.000192708	0.000555734	2.4682E-05	0	0	1.29528E-08	1.29528E-08	0.012952763
578665.014141196.41	578665.01	4141196	0.001846693	0.001609294	0.001897513	0.000225666	0.000225609	0.000650614	2.8896E-05	0	0	1.5197E-08	1.5197E-08	0.015196973
578685.014141196.41	578685.01	4141196	0.00217414	0.00187958	0.002216205	0.000263567	0.000263501	0.000759886	3.37492E-05	0	0	1.77874E-08	1.77874E-08	0.01778736
578705.014141196.41	578705.01	4141196	0.002563806	0.002198662	0.002592435	0.000308311	0.000308234	0.000888887	3.94785E-05	0	0	2.08522E-08	2.08522E-08	0.020852236
578725.014141196.41	578725.01	4141196	0.003029258	0.002576526	0.003037972	0.000361298	0.000361207	0.001041652	4.62633E-05	0	0	2.44905E-08	2.44905E-08	0.02449052
578745.014141196.41	578745.01	4141196	0.003589225	0.003026759	0.00356884	0.000424433	0.000424326	0.001223674	5.43476E-05	0	0	2.88374E-08	2.88374E-08	0.028837416
578765.014141196.41	578765.01	4141196	0.00426491	0.003564505	0.004202894	0.000499839	0.000499713	0.001441077	6.40032E-05	0	0	3.40444E-08	3.40444E-08	0.034044355
578785.014141196.41	578785.01	4141196	0.005056313	0.004188255	0.004938356	0.000587306	0.000587158	0.00169325	7.5203E-05	0	0	4.01009E-08	4.01009E-08	0.040100891
578805.014141196.41	578805.01	4141196	0.00600641	0.004929227	0.005812033	0.00069121	0.000691036	0.001992814	8.85077E-05	0	0	4.73175E-08	4.73175E-08	0.047317539
578825.014141196.41	578825.01	4141196	0.007120926	0.005790732	0.006827829	0.000812016	0.000811811	0.002341107	0.000103977	0	0	5.57298E-08	5.57298E-08	0.055729806
578845.014141196.41	578845.01	4141196	0.008423698	0.006791713	0.008008083	0.00095238	0.00095214	0.002745789	0.00012195	0	0	6.55212E-08	6.55212E-08	0.065521197
578865.014141196.41	578865.01	4141196	0.00989027	0.007918535	0.009336715	0.001110391	0.001110111	0.003201347	0.000142183	0	0	7.65436E-08	7.65436E-08	0.076543581
578885.014141196.41	578885.01	4141196	0.011428863	0.009112223	0.010744187	0.001277778	0.001277456	0.003683937	0.000163616	0	0	8.8187E-08	8.8187E-08	0.088187038
578905.014141196.41	578905.01	4141196	0.013017035	0.010370779	0.012228146	0.001454261	0.001453895	0.004192753	0.000186215	0	0	1.00388E-07	1.00388E-07	0.10038841
578925.014141196.41	578925.01	4141196	0.014552842	0.011636105	0.013720087	0.001631694	0.001631283	0.004704305	0.000208934	0	0	1.12521E-07	1.12521E-07	0.112521497
578945.014141196.41	578945.01	4141196	0.015898743	0.012819322	0.015115213	0.001797613	0.00179716	0.005182662	0.00023018	0	0	1.23669E-07	1.23669E-07	0.123668838
578965.014141196.41	578965.01	4141196	0.01692117	0.013821861	0.016297304	0.001938196	0.001937708	0.005587975	0.000248181	0	0	1.32855E-07	1.32855E-07	0.13285464
578985.014141196.41	578985.01	4141196	0.017487792	0.014524993	0.017126364	0.002036794	0.002036281	0.00587224	0.000260806	0	0	1.38966E-07	1.38966E-07	0.138966305
579005.014141196.41	579005.01	4141196	0.017634568	0.014940794	0.017616634	0.0020951	0.002094572	0.006040343	0.000268272	0	0	1.42166E-07	1.42166E-07	0.142166476
579025.014141196.41	579025.01	4141196	0.017371352	0.015042919	0.017737048	0.002109421	0.002108889	0.00608163	0.000270106	0	0	1.42294E-07	1.42294E-07	0.142294488
579045.014141196.41	579045.01	4141196	0.016705159	0.014793282	0.017442702	0.002074415	0.002073892	0.005980705	0.000265624	0	0	1.39102E-07	1.39102E-07	0.139102222
579065.014141196.41	579065.01	4141196	0.015757075	0.014259529	0.016813356	0.001999568	0.001999065	0.005764917	0.00025604	0	0	1.33324E-07	1.33324E-07	0.133324012
579085.014141196.41	579085.01	4141196	0.014561664	0.013445946	0.015854063	0.001885482	0.001885007	0.005435997	0.000241431	0	0	1.25066E-07	1.25066E-07	0.125065514
579105.014141196.41	579105.01	4141196	0.013261678	0.01246683	0.014699592	0.001748184	0.001747744	0.005040156	0.000223851	0	0	1.15432E-07	1.15432E-07	0.11543157
579125.014141196.41	579125.01	4141196	0.01195122	0.011406727	0.013449629	0.001599529	0.001599126	0.004611571	0.000204816	0	0	1.05214E-07	1.05214E-07	0.105214138
579145.014141196.41	579145.01	4141196	0.010702413	0.010341072	0.012193119	0.001450096	0.00144973	0.004180743	0.000185681	0	0	9.50938E-08	9.50938E-08	0.095093833
579165.014141196.41	579165.01	4141196	0.009515205	0.009285254	0.010948208	0.001302042	0.001301714	0.003753891	0.000166723	0	0	8.5177E-08	8.5177E-08	0.08517704
579185.014141196.41	579185.01	4141196	0.008418745	0.008279257	0.00976204	0.001160974	0.001160681	0.003347181	0.00014866	0	0	7.58045E-08	7.58045E-08	0.07580454
579205.014141196.41	579205.01	4141196	0.007443575	0.007362965	0.008681644	0.001032485	0.001032225	0.002976738	0.000132207	0	0	6.73195E-08	6.73195E-08	0.067319499

579225.014141196.41	579225.01	4141196	0.006589592	0.006546459	0.007718905	0.000917989	0.000917758	0.002646637	0.000117546	0	0	5.97915E-08	5.97915E-08	0.059791454
579245.014141196.41	579245.01	4141196	0.005850709	0.005830763	0.00687503	0.000817629	0.000817423	0.002357291	0.000104695	0	0	5.32141E-08	5.32141E-08	0.053214098
578385.014141216.41	578385.01	4141216	0.000257541	0.000238825	0.000281598	3.34897E-05	3.34813E-05	9.65535E-05	4.28827E-06	0	0	2.21898E-09	2.21898E-09	0.002218977
578405.014141216.41	578405.01	4141216	0.000286071	0.00026488	0.000312319	3.71432E-05	3.71339E-05	0.000107087	4.7561E-06	0	0	2.46201E-09	2.46201E-09	0.002462008
578425.014141216.41	578425.01	4141216	0.000319554	0.000295463	0.00034838	4.14319E-05	4.14215E-05	0.000119451	5.30525E-06	0	0	2.74727E-09	2.74727E-09	0.002747271
578445.014141216.41	578445.01	4141216	0.000359072	0.000331404	0.000390757	4.64717E-05	4.646E-05	0.000133982	5.95059E-06	0	0	3.08288E-09	3.08288E-09	0.003082878
578465.014141216.41	578465.01	4141216	0.000406329	0.000374163	0.000441174	5.24676E-05	5.24544E-05	0.000151268	6.71835E-06	0	0	3.48268E-09	3.48268E-09	0.003482681
578485.014141216.41	578485.01	4141216	0.000462615	0.000424859	0.00050095	5.95767E-05	5.95617E-05	0.000171764	7.62865E-06	0	0	3.95727E-09	3.95727E-09	0.003957269
578505.014141216.41	578505.01	4141216	0.000539588	0.000484566	0.00057135	6.79491E-05	6.7932E-05	0.000195903	8.70071E-06	0	0	4.53969E-09	4.53969E-09	0.00453969
578525.014141216.41	578525.01	4141216	0.000623166	0.000558346	0.000658344	7.82951E-05	7.82754E-05	0.000225731	1.00255E-05	0	0	5.23403E-09	5.23403E-09	0.005234028
578545.014141216.41	578545.01	4141216	0.00072222	0.000656818	0.000774452	9.21035E-05	9.20803E-05	0.000265542	1.17936E-05	0	0	6.13326E-09	6.13326E-09	0.006133263
578565.014141216.41	578565.01	4141216	0.000840827	0.000760549	0.000896761	0.000106649	0.000106623	0.000307479	1.36562E-05	0	0	7.11189E-09	7.11189E-09	0.007111886
578585.014141216.41	578585.01	4141216	0.000982444	0.000883273	0.001041464	0.000123859	0.000123827	0.000357094	1.58598E-05	0	0	8.27254E-09	8.27254E-09	0.008272536
578605.014141216.41	578605.01	4141216	0.001148721	0.001025867	0.001209596	0.000143854	0.000143818	0.000414743	1.84202E-05	0	0	9.62491E-09	9.62491E-09	0.009624908
578625.014141216.41	578625.01	4141216	0.001350545	0.001197194	0.001411607	0.000167879	0.000167836	0.000484008	2.14964E-05	0	0	1.12543E-08	1.12543E-08	0.011254274
578645.014141216.41	578645.01	4141216	0.001598851	0.00140563	0.001657373	0.000197107	0.000197057	0.000568276	2.52391E-05	0	0	1.32426E-08	1.32426E-08	0.013242648
578665.014141216.41	578665.01	4141216	0.001891577	0.001648985	0.001944312	0.000231232	0.000231174	0.00066666	2.96087E-05	0	0	1.55703E-08	1.55703E-08	0.015570326
578685.014141216.41	578685.01	4141216	0.002244975	0.001940016	0.002287466	0.000272042	0.000271974	0.00078432	3.48343E-05	0	0	1.83613E-08	1.83613E-08	0.018361338
578705.014141216.41	578705.01	4141216	0.00266219	0.002280673	0.002689133	0.000319812	0.000319731	0.000922043	4.09511E-05	0	0	2.16361E-08	2.16361E-08	0.021636084
578725.014141216.41	578725.01	4141216	0.003165097	0.002687514	0.003168837	0.000376861	0.000376767	0.001086522	4.82562E-05	0	0	2.55572E-08	2.55572E-08	0.025557244
578745.014141216.41	578745.01	4141216	0.003777686	0.003177972	0.003747135	0.000445637	0.000445525	0.001284807	5.70627E-05	0	0	3.02982E-08	3.02982E-08	0.030298215
578765.014141216.41	578765.01	4141216	0.004525598	0.003770068	0.004445273	0.000528665	0.000528531	0.001524183	6.76942E-05	0	0	3.60401E-08	3.60401E-08	0.036040068
578785.014141216.41	578785.01	4141216	0.005421163	0.004471008	0.005271749	0.000626955	0.000626797	0.001807563	8.02801E-05	0	0	4.28598E-08	4.28598E-08	0.042859792
578805.014141216.41	578805.01	4141216	0.006479394	0.00529029	0.00623776	0.00074184	0.000741654	0.002138786	9.49908E-05	0	0	5.08561E-08	5.08561E-08	0.050856112
578825.014141216.41	578825.01	4141216	0.007739087	0.00625533	0.007375636	0.000877165	0.000876944	0.002528938	0.000112319	0	0	6.03041E-08	6.03041E-08	0.06030407
578845.014141216.41	578845.01	4141216	0.009211541	0.007375432	0.008696344	0.001034233	0.001033973	0.002981778	0.000132431	0	0	7.12929E-08	7.12929E-08	0.071292877
578925.014141216.41	578925.01	4141216	0.016209991	0.012862032	0.015165573	0.001803602	0.001803148	0.005199929	0.000230947	0	0	1.24649E-07	1.24649E-07	0.124648721
578945.014141216.41	578945.01	4141216	0.017681774	0.014166512	0.01670368	0.001986525	0.001986025	0.005727312	0.00025437	0	0	1.36912E-07	1.36912E-07	0.136912005
578965.014141216.41	578965.01	4141216	0.018804287	0.01529538	0.018034724	0.002144822	0.002144282	0.006183696	0.000274639	0	0	1.47192E-07	1.47192E-07	0.147192086
578985.014141216.41	578985.01	4141216	0.019368123	0.016060166	0.01893648	0.002252066	0.002251499	0.006492888	0.000288371	0	0	1.53724E-07	1.53724E-07	0.153724292
579005.014141216.41	579005.01	4141216	0.019389172	0.016441585	0.01938621	0.002305551	0.002304971	0.00664709	0.00029522	0	0	1.5641E-07	1.5641E-07	0.1564101
579025.014141216.41	579025.01	4141216	0.018895809	0.016415092	0.019354972	0.002301836	0.002301256	0.006636379	0.000294744	0	0	1.55142E-07	1.55142E-07	0.15514204
579045.014141216.41	579045.01	4141216	0.017989616	0.016014777	0.018882963	0.002245701	0.002245136	0.006474538	0.000287556	0	0	1.50379E-07	1.50379E-07	0.150379365
579065.014141216.41	579065.01	4141216	0.016785796	0.01529426	0.018033403	0.002144665	0.002144125	0.006183243	0.000274619	0	0	1.42746E-07	1.42746E-07	0.142746421
579085.014141216.41	579085.01	4141216	0.015350488	0.014285632	0.016844135	0.002003229	0.002002724	0.00577547	0.000256508	0	0	1.32611E-07	1.32611E-07	0.132610719
579105.014141216.41	579105.01	4141216	0.013830312	0.013110207	0.015458195	0.001838403	0.00183794	0.005300263	0.000235403	0	0	1.21134E-07	1.21134E-07	0.121134138
579125.014141216.41	579125.01	4141216	0.012355692	0.011890562	0.014020117	0.001667376	0.001666956	0.004807179	0.000213503	0	0	1.09452E-07	1.09452E-07	0.109451701
579145.014141216.41	579145.01	4141216	0.010958045	0.01067345	0.012585024	0.001496704	0.001496327	0.004315118	0.000191649	0	0	9.7956E-08	9.7956E-08	0.097956026
579165.014141216.41	579165.01	4141216	0.009646297	0.009485947	0.011184844	0.001330184	0.001329849	0.003835028	0.000170327	0	0	8.68541E-08	8.68541E-08	0.086854117
579185.014141216.41	579185.01	4141216	0.008476165	0.008395017	0.009898532	0.001177206	0.00117691	0.003393981	0.000150738	0	0	7.67319E-08	7.67319E-08	0.076731879
579205.014141216.41	579205.01	4141216	0.007458794	0.007425691	0.008755603	0.001041281	0.001041019	0.003002097	0.000133333	0	0	6.7787E-08	6.7787E-08	0.06778704
579225.014141216.41	579225.01	4141216	0.006585413	0.006580549	0.007759101	0.000922769	0.000922537	0.002660419	0.000118158	0	0	6.00182E-08	6.00182E-08	0.060018179
579245.014141216.41	579245.01	4141216	0.00581475	0.005826039	0.00686946	0.000816967	0.000816761	0.002355382	0.000104611	0	0	5.31023E-08	5.31023E-08	0.053102347
578385.014141236.41	578385.01	4141236	0.000252589	0.000234296	0.000276258	3.28546E-05	3.28463E-05	9.47224E-05	4.20695E-06	0	0	2.17675E-09	2.17675E-09	0.002176745
578405.014141236.41	578405.01	4141236	0.000281325	0.000260643	0.000307323	3.65491E-05	3.65399E-05	0.000105374	4.68002E-06	0	0	2.42225E-09	2.42225E-09	0.002422252
578425.014141236.41	578425.01	4141236	0.00031393	0.000290447	0.000342465	4.07285E-05	4.07182E-05	0.000117424	5.21518E-06	0	0	2.70019E-09	2.70019E-09	0.002700195
578445.014141236.41	578445.01	4141236	0.000352726	0.000325804	0.000384154	4.56864E-05	4.56749E-05	0.000131718	5.85003E-06	0	0	3.03017E-09	3.03017E-09	0.003030169
578465.014141236.41	578465.01	4141236	0.0003989	0.000367783	0.000433652	5.1573E-05	5.15601E-05	0.000148689	6.6038E-06	0	0	3.4222E-09	3.4222E-09	0.003422198
578485.014141236.41	578485.01	4141236	0.000454206	0.000417749	0.000492567	5.85796E-05	5.85649E-05	0.00016889	7.50098E-06	0	0	3.88957E-09	3.88957E-09	0.003889575
578505.014141236.41	578505.01	4141236	0.000532572	0.00047955	0.000565435	6.72457E-05	6.72288E-05	0.000193875	8.61065E-06	0	0	4.48955E-09	4.48955E-09	0.00448955
578525.014141236.41	578525.01	4141236	0.00061584	0.000563752	0.000664718	7.90532E-05	7.90333E-05	0.000227917	1.01226E-05	0	0	5.25533E-09	5.25533E-09	0.00525533
578545.014141236.41	578545.01	4141236	0.000713553	0.000650438	0.000766929	9.12089E-05	9.11859E-05	0.000262963	1.16791E-05	0	0	6.07006E-09	6.07006E-09	0.006070058
578565.014141236.41	578565.01	4141236	0.000833553	0.000755777	0.000891133	0.00010598	0.000105953	0.000305549	1.35705E-05	0	0	7.06286E-09	7.06286E-09	0.007062865
578585.014141236.41	578585.01	4141236	0.000979968	0.00088303	0.001041177	0.000123824	0.000123793	0.000356996	1.58554E-05	0	0	8.26541E-09	8.26541E-09	0.008265406

578605.014141236.41	578605.01	4141236	0.001152384	0.00103137	0.001216085	0.000144626	0.000144589	0.000416968	1.8519E-05	0	0	9.67104E-09	9.67104E-09	0.009671045
578625.014141236.41	578625.01	4141236	0.001361894	0.001209515	0.001426135	0.000169606	0.000169564	0.000488989	2.17177E-05	0	0	1.13645E-08	1.13645E-08	0.011364494
578645.014141236.41	578645.01	4141236	0.001620416	0.001426864	0.001682409	0.000200085	0.000200034	0.00057686	2.56203E-05	0	0	1.3437E-08	1.3437E-08	0.013437001
578665.014141236.41	578665.01	4141236	0.001932283	0.001686045	0.00198801	0.000236429	0.000236369	0.000681643	3.02741E-05	0	0	1.59163E-08	1.59163E-08	0.015916293
578685.014141236.41	578685.01	4141236	0.002311114	0.001997434	0.002355166	0.000280094	0.000280023	0.000807533	3.58653E-05	0	0	1.89041E-08	1.89041E-08	0.018904099
578705.014141236.41	578705.01	4141236	0.002764597	0.00236658	0.002790426	0.000331858	0.000331774	0.000956773	4.24936E-05	0	0	2.24557E-08	2.24557E-08	0.022455742
578725.014141236.41	578725.01	4141236	0.003313059	0.002808534	0.003311531	0.000393832	0.000393733	0.001135449	5.04292E-05	0	0	2.672E-08	2.672E-08	0.02672005
578745.014141236.41	578745.01	4141236	0.003977859	0.003338634	0.00393657	0.000468166	0.000468048	0.00134976	5.99475E-05	0	0	3.18501E-08	3.18501E-08	0.031850144
578765.014141236.41	578765.01	4141236	0.004797327	0.003984105	0.004697643	0.000558678	0.000558538	0.001610715	7.15374E-05	0	0	3.81187E-08	3.81187E-08	0.038118696
578785.014141236.41	578785.01	4141236	0.005814853	0.004774702	0.005629833	0.000669541	0.000669373	0.001930341	8.57331E-05	0	0	4.5827E-08	4.5827E-08	0.045827017
578805.014141236.41	578805.01	4141236	0.007012018	0.005693964	0.006713732	0.000798446	0.000798245	0.002301986	0.000102239	0	0	5.48207E-08	5.48207E-08	0.054820701
578825.014141236.41	578825.01	4141236	0.008449751	0.006784749	0.007999872	0.000951404	0.000951164	0.002742974	0.000121825	0	0	6.55303E-08	6.55303E-08	0.065530285
578945.014141236.41	578945.01	4141236	0.019798545	0.015756959	0.01857897	0.002209548	0.002208992	0.006370306	0.000282927	0	0	1.52572E-07	1.52572E-07	0.152572353
578965.014141236.41	578965.01	4141236	0.020931221	0.016949575	0.01998518	0.002376785	0.002376186	0.006852463	0.000304341	0	0	1.63316E-07	1.63316E-07	0.163315936
578985.014141236.41	578985.01	4141236	0.02149191	0.017797931	0.020985472	0.002495747	0.002495119	0.007195441	0.000319574	0	0	1.7042E-07	1.7042E-07	0.170419547
579005.014141236.41	579005.01	4141236	0.02132522	0.018111803	0.021355558	0.00253976	0.002539121	0.007322334	0.00032521	0	0	1.72225E-07	1.72225E-07	0.172225142
579025.014141236.41	579025.01	4141236	0.020571943	0.017947878	0.021162275	0.002516774	0.00251614	0.007256062	0.000322267	0	0	1.69435E-07	1.69435E-07	0.169434559
579045.014141236.41	579045.01	4141236	0.019353265	0.017341465	0.020447255	0.002431738	0.002431126	0.007010898	0.000311378	0	0	1.62559E-07	1.62559E-07	0.162558582
579065.014141236.41	579065.01	4141236	0.017818954	0.016369703	0.019301455	0.002295471	0.002294893	0.006618029	0.000293929	0	0	1.5246E-07	1.5246E-07	0.152460333
579085.014141236.41	579085.01	4141236	0.016142613	0.015158094	0.017872851	0.002125571	0.002125036	0.006128194	0.000272174	0	0	1.4039E-07	1.4039E-07	0.140389997
579105.014141236.41	579105.01	4141236	0.014397863	0.013773941	0.016240801	0.001931476	0.001930989	0.005568601	0.000247321	0	0	1.26975E-07	1.26975E-07	0.126975197
579125.014141236.41	579125.01	4141236	0.012711153	0.012345129	0.014556095	0.001731118	0.001730682	0.004990953	0.000221665	0	0	1.13379E-07	1.13379E-07	0.113378959
579145.014141236.41	579145.01	4141236	0.011140057	0.01094768	0.012908368	0.001535158	0.001534772	0.004425985	0.000196573	0	0	1.00254E-07	1.00254E-07	0.100253955
579165.014141236.41	579165.01	4141236	0.009739934	0.009656057	0.01138542	0.001354038	0.001353697	0.003903801	0.000173381	0	0	8.82372E-08	8.82372E-08	0.088237197
579185.014141236.41	579185.01	4141236	0.008506346	0.00848706	0.01000706	0.001190113	0.001189814	0.003431193	0.000152391	0	0	7.74352E-08	7.74352E-08	0.0774352
579205.014141236.41	579205.01	4141236	0.007445897	0.007462313	0.008798785	0.001046416	0.001046153	0.003016903	0.000133991	0	0	6.80121E-08	6.80121E-08	0.068012121
579225.014141236.41	579225.01	4141236	0.006548268	0.006582741	0.007761685	0.000923077	0.000922844	0.002661305	0.000118198	0	0	5.99517E-08	5.99517E-08	0.059951676
579245.014141236.41	579245.01	4141236	0.005755162	0.005797306	0.006835581	0.000812938	0.000812733	0.002343765	0.000104095	0	0	5.27725E-08	5.27725E-08	0.052772495
578385.014141256.41	578385.01	4141256	0.000248152	0.000230059	0.000271262	3.22605E-05	3.22523E-05	9.30095E-05	4.13087E-06	0	0	2.13767E-09	2.13767E-09	0.00213767
578405.014141256.41	578405.01	4141256	0.000276062	0.000255724	0.000301523	3.58594E-05	3.58503E-05	0.000103385	4.5917E-06	0	0	2.37664E-09	2.37664E-09	0.002376644
578425.014141256.41	578425.01	4141256	0.000314652	0.000285821	0.00033701	4.00797E-05	4.00696E-05	0.000115553	5.13211E-06	0	0	2.66977E-09	2.66977E-09	0.002669766
578445.014141256.41	578445.01	4141256	0.000346587	0.000320349	0.000377722	4.49215E-05	4.49102E-05	0.000129512	5.75209E-06	0	0	2.97892E-09	2.97892E-09	0.002978925
578465.014141256.41	578465.01	4141256	0.000391471	0.000361257	0.000425957	5.06579E-05	5.06452E-05	0.000146051	6.48662E-06	0	0	3.3607E-09	3.3607E-09	0.003360704
578485.014141256.41	578485.01	4141256	0.000454567	0.000410736	0.000484298	5.75963E-05	5.75818E-05	0.000166055	7.37506E-06	0	0	3.84184E-09	3.84184E-09	0.003841838
578505.014141256.41	578505.01	4141256	0.000523337	0.000472147	0.000556707	6.62077E-05	6.6191E-05	0.000190882	8.47773E-06	0	0	4.41802E-09	4.41802E-09	0.00441802
578525.014141256.41	578525.01	4141256	0.000605264	0.000555181	0.000654612	7.78512E-05	7.78316E-05	0.000224451	9.96866E-06	0	0	5.17276E-09	5.17276E-09	0.005172762
578545.014141256.41	578545.01	4141256	0.000702925	0.000642208	0.000757225	9.00548E-05	9.00321E-05	0.000259635	1.15313E-05	0	0	5.98974E-09	5.98974E-09	0.005989735
578565.014141256.41	578565.01	4141256	0.000823905	0.000749007	0.000883152	0.000105031	0.000105004	0.000302813	1.34489E-05	0	0	6.99481E-09	6.99481E-09	0.006994808
578585.014141256.41	578585.01	4141256	0.000973519	0.000879572	0.0010371	0.00012334	0.000123309	0.000355598	1.57933E-05	0	0	8.2273E-09	8.2273E-09	0.008227299
578605.014141256.41	578605.01	4141256	0.001154345	0.001035607	0.00122108	0.00014522	0.000145183	0.000418681	1.8595E-05	0	0	9.70468E-09	9.70468E-09	0.009704676
578625.014141256.41	578625.01	4141256	0.001369736	0.00121945	0.001437849	0.000171	0.000170957	0.000493006	2.18961E-05	0	0	1.14505E-08	1.14505E-08	0.011450487
578645.014141256.41	578645.01	4141256	0.001634397	0.001442448	0.001700785	0.00020227	0.000202219	0.00058316	2.59001E-05	0	0	1.35756E-08	1.35756E-08	0.013575586
578665.014141256.41	578665.01	4141256	0.001966229	0.001718382	0.002026138	0.000240963	0.000240903	0.000694717	3.08547E-05	0	0	1.62147E-08	1.62147E-08	0.016214709
578685.014141256.41	578685.01	4141256	0.002368638	0.002048958	0.002415919	0.000287319	0.000287247	0.000828364	3.67905E-05	0	0	1.93871E-08	1.93871E-08	0.019387138
578705.014141256.41	578705.01	4141256	0.00286618	0.002452779	0.002892063	0.000343945	0.000343859	0.000991623	4.40414E-05	0	0	2.32756E-08	2.32756E-08	0.023275606
578725.014141256.41	578725.01	4141256	0.003463756	0.002932573	0.003457785	0.000411225	0.000411122	0.001185596	5.26564E-05	0	0	2.79098E-08	2.79098E-08	0.027909762
578745.014141256.41	578745.01	4141256	0.004194695	0.003512688	0.004141797	0.000492573	0.000492449	0.001420128	6.30727E-05	0	0	3.35314E-08	3.35314E-08	0.033531391
578765.014141256.41	578765.01	4141256	0.005100217	0.004221956	0.004978092	0.000592031	0.000591882	0.001706874	7.58081E-05	0	0	4.04306E-08	4.04306E-08	0.040430636
578785.014141256.41	578785.01	4141256	0.006227941	0.005092665	0.006004741	0.000714128	0.000713948	0.002058889	9.14423E-05	0	0	4.89356E-08	4.89356E-08	0.048935638
578805.014141256.41	578805.01	4141256	0.007620841	0.006151891	0.007253672	0.00086266	0.000862443	0.002487119	0.000110461	0	0	5.93283E-08	5.93283E-08	0.059328263
578965.014141256.41	578965.01	4141256	0.023436988	0.018898309	0.022282924	0.00265005	0.002649382	0.007640307	0.000339332	0	0	1.82311E-07	1.82311E-07	0.182310985
578985.014141256.41	578985.01	4141256	0.023846825	0.019727428	0.023260535	0.002766314	0.002765618	0.007975508	0.00035422	0	0	1.8895E-07	1.8895E-07	0.188949806
579005.014141256.41	579005.01	4141256	0.023502817	0.020014125	0.023598579	0.002806517	0.00280581	0.008091415	0.000359368	0	0	1.90177E-07	1.90177E-07	0.190177489
579025.014141256.41	579025.01	4141256	0.022390777	0.019645125	0.023163492	0.002754773	0.00275408	0.007942234	0.000352742	0	0	1.85179E-07	1.85179E-07	0.185178936

579045.014141256.41	579045.01	4141256	0.020803121	0.018790438	0.022155734	0.002634923	0.00263426	0.007596697	0.000337395	0	0	1.75774E-07	1.75774E-07	0.175773593
579065.014141256.41	579065.01	4141256	0.018910048	0.017538651	0.020679757	0.002459389	0.00245877	0.007090618	0.000314919	0	0	1.62949E-07	1.62949E-07	0.162948701
579085.014141256.41	579085.01	4141256	0.016918487	0.01605028	0.018924824	0.00225068	0.002250113	0.006488891	0.000288194	0	0	1.4827E-07	1.4827E-07	0.148270037
579105.014141256.41	579105.01	4141256	0.014885035	0.014390532	0.016967822	0.002017938	0.00201743	0.00581788	0.000258392	0	0	1.32313E-07	1.32313E-07	0.1323133
579125.014141256.41	579125.01	4141256	0.012988505	0.012743447	0.01502575	0.001786973	0.001786523	0.005151987	0.000228817	0	0	1.16745E-07	1.16745E-07	0.116745228
579145.014141256.41	579145.01	4141256	0.011283428	0.011192934	0.013197546	0.001569549	0.001569154	0.004525138	0.000200977	0	0	1.02266E-07	1.02266E-07	0.1022664
579165.014141256.41	579165.01	4141256	0.009794311	0.009792563	0.011546374	0.00137318	0.001372834	0.003958989	0.000175832	0	0	8.93014E-08	8.93014E-08	0.089301414
579185.014141256.41	579185.01	4141256	0.008514033	0.008559039	0.01009193	0.001200207	0.001199905	0.003460293	0.000153683	0	0	7.79502E-08	7.79502E-08	0.077950215
579205.014141256.41	579205.01	4141256	0.007412518	0.007479163	0.008818653	0.001048779	0.001048515	0.003023715	0.000134294	0	0	6.80553E-08	6.80553E-08	0.068055341
579225.014141256.41	579225.01	4141256	0.006475577	0.006548797	0.007721662	0.000918317	0.000918086	0.002647582	0.000117588	0	0	5.9557E-08	5.9557E-08	0.059556952
579245.014141256.41	579245.01	4141256	0.005675713	0.005746999	0.006776264	0.000805883	0.00080568	0.002323427	0.000103191	0	0	5.22497E-08	5.22497E-08	0.052249674
579265.014141256.41	579265.01	4141256	0.004987594	0.005052049	0.005956851	0.000708433	0.000708254	0.002042469	9.0713E-05	0	0	4.59275E-08	4.59275E-08	0.045927502
578385.014141276.41	578385.01	4141276	0.000251402	0.000232835	0.000274535	3.26497E-05	3.26415E-05	9.41318E-05	4.18072E-06	0	0	2.16403E-09	2.16403E-09	0.002164026
578405.014141276.41	578405.01	4141276	0.000271058	0.000251	0.000295953	3.5197E-05	3.51881E-05	0.000101476	4.50688E-06	0	0	2.33295E-09	2.33295E-09	0.00233295
578425.014141276.41	578425.01	4141276	0.000302683	0.000280123	0.000330292	3.92807E-05	3.92708E-05	0.00011325	5.0298E-06	0	0	2.60402E-09	2.60402E-09	0.002604019
578445.014141276.41	578445.01	4141276	0.000347206	0.00031509	0.000371521	4.4184E-05	4.41729E-05	0.000127386	5.65765E-06	0	0	2.94389E-09	2.94389E-09	0.002943888
578465.014141276.41	578465.01	4141276	0.000391935	0.000355218	0.000418837	4.98111E-05	4.97986E-05	0.00014361	6.37819E-06	0	0	3.31993E-09	3.31993E-09	0.003319934
578485.014141276.41	578485.01	4141276	0.000446312	0.000403918	0.000476259	5.66402E-05	5.66259E-05	0.000163298	7.25264E-06	0	0	3.77651E-09	3.77651E-09	0.003776507
578505.014141276.41	578505.01	4141276	0.000512245	0.000462602	0.000545452	6.48692E-05	6.48529E-05	0.000187023	8.30634E-06	0	0	4.32758E-09	4.32758E-09	0.004327577
578525.014141276.41	578525.01	4141276	0.000593294	0.000534678	0.000630437	7.49762E-05	7.49573E-05	0.000216162	9.60052E-06	0	0	5.00456E-09	5.00456E-09	0.005004561
578545.014141276.41	578545.01	4141276	0.000691007	0.00063276	0.000746085	8.87299E-05	8.87076E-05	0.000255816	1.13616E-05	0	0	5.89815E-09	5.89815E-09	0.005898151
578565.014141276.41	578565.01	4141276	0.000810956	0.000739267	0.000871667	0.000103665	0.000103639	0.000298875	1.32741E-05	0	0	6.89893E-09	6.89893E-09	0.006898934
578585.014141276.41	578585.01	4141276	0.000962375	0.000872121	0.001028315	0.000122295	0.000122264	0.000352586	1.56595E-05	0	0	8.15123E-09	8.15123E-09	0.008151235
578605.014141276.41	578605.01	4141276	0.0011464	0.001031809	0.001216602	0.000144687	0.000144651	0.000417145	1.85268E-05	0	0	9.66092E-09	9.66092E-09	0.00966092
578625.014141276.41	578625.01	4141276	0.001374431	0.001227096	0.001446864	0.000172072	0.000172028	0.000496097	2.20334E-05	0	0	1.15137E-08	1.15137E-08	0.011513721
578645.014141276.41	578645.01	4141276	0.001649049	0.001459249	0.001720595	0.000204626	0.000204574	0.000589953	2.62018E-05	0	0	1.37241E-08	1.37241E-08	0.013724072
578665.014141276.41	578665.01	4141276	0.001993727	0.001746482	0.002059271	0.000244904	0.000244842	0.000706077	3.13593E-05	0	0	1.64696E-08	1.64696E-08	0.016469627
578685.014141276.41	578685.01	4141276	0.002421879	0.002098243	0.00247403	0.00029423	0.000294156	0.000848289	3.76754E-05	0	0	1.98453E-08	1.98453E-08	0.01984526
578705.014141276.41	578705.01	4141276	0.002955122	0.002530407	0.002983594	0.000354831	0.000354742	0.001023006	4.54352E-05	0	0	2.40084E-08	2.40084E-08	0.024008366
578725.014141276.41	578725.01	4141276	0.003620644	0.003062651	0.00361116	0.000429466	0.000429358	0.001238184	5.4992E-05	0	0	2.91549E-08	2.91549E-08	0.029154877
578745.014141276.41	578745.01	4141276	0.004424635	0.003697797	0.004360058	0.00051853	0.0005184	0.001494965	6.63965E-05	0	0	3.5318E-08	3.5318E-08	0.035317952
578765.014141276.41	578765.01	4141276	0.0054418	0.004489563	0.005293626	0.000629557	0.000629399	0.001815064	8.06132E-05	0	0	4.30336E-08	4.30336E-08	0.043033567
578785.014141276.41	578785.01	4141276	0.006708354	0.005460253	0.006438163	0.000765674	0.000765481	0.0022075	9.80426E-05	0	0	5.25357E-08	5.25357E-08	0.052535705
578985.014141276.41	578985.01	4141276	0.026569169	0.021978151	0.025914354	0.003081926	0.00308115	0.008885442	0.000394633	0	0	2.10511E-07	2.10511E-07	0.210510882
579005.014141276.41	579005.01	4141276	0.025869185	0.022114365	0.026074963	0.003101027	0.003100246	0.008940511	0.000397079	0	0	2.09915E-07	2.09915E-07	0.209914517
579025.014141276.41	579025.01	4141276	0.024400137	0.021564541	0.025426668	0.003023927	0.003023165	0.008718225	0.000387206	0	0	2.0288E-07	2.0288E-07	0.202879685
579045.014141276.41	579045.01	4141276	0.022343623	0.020378256	0.024027924	0.002857578	0.002856858	0.008238628	0.000365906	0	0	1.90149E-07	1.90149E-07	0.190148739
579065.014141276.41	579065.01	4141276	0.020045717	0.018796721	0.022163142	0.002635804	0.002635141	0.007599237	0.000337508	0	0	1.74152E-07	1.74152E-07	0.174151816
579085.014141276.41	579085.01	4141276	0.017613932	0.016910713	0.019939357	0.002371335	0.002370738	0.006836751	0.000303644	0	0	1.55754E-07	1.55754E-07	0.155753505
579105.014141276.41	579105.01	4141276	0.015319275	0.014982823	0.017666189	0.002100993	0.002100464	0.006057334	0.000269027	0	0	1.37367E-07	1.37367E-07	0.137366852
579125.014141276.41	579125.01	4141276	0.013225823	0.013117171	0.015466407	0.001839379	0.001838916	0.005303079	0.000235528	0	0	1.19853E-07	1.19853E-07	0.119853283
579145.014141276.41	579145.01	4141276	0.011400282	0.011419292	0.013464443	0.001601291	0.001600888	0.004616651	0.000205041	0	0	1.0409E-07	1.0409E-07	0.104089779
579165.014141276.41	579165.01	4141276	0.009816289	0.009900336	0.011673449	0.001388293	0.001387943	0.00400256	0.000177767	0	0	9.00956E-08	9.00956E-08	0.090095557
579185.014141276.41	579185.01	4141276	0.008468324	0.008579298	0.010115818	0.001203048	0.001202745	0.003468484	0.000154047	0	0	7.79899E-08	7.79899E-08	0.077989916
579205.014141276.41	579205.01	4141276	0.007331107	0.007447362	0.008781156	0.00104432	0.001044057	0.003010859	0.000133723	0	0	6.76563E-08	6.76563E-08	0.067656276
579225.014141276.41	579225.01	4141276	0.006374046	0.006483928	0.007645175	0.000909221	0.000908992	0.002621357	0.000116423	0	0	5.88848E-08	5.88848E-08	0.058884815
579245.014141276.41	579245.01	4141276	0.005563296	0.0056608	0.006674627	0.000793796	0.000793596	0.002288578	0.000101644	0	0	5.1406E-08	5.1406E-08	0.051405989
579265.014141276.41	579265.01	4141276	0.00488756	0.00496994	0.005860038	0.000696919	0.000696743	0.002009274	8.92387E-05	0	0	4.51393E-08	4.51393E-08	0.04513935
578385.014141296.41	578385.01	4141296	0.000240878	0.000222608	0.000262476	3.12156E-05	3.12078E-05	8.99972E-05	3.99708E-06	0	0	2.07011E-09	2.07011E-09	0.002070112
578405.014141296.41	578405.01	4141296	0.000275082	0.000254361	0.000299916	3.56682E-05	3.56592E-05	0.000102834	4.56722E-06	0	0	2.36505E-09	2.36505E-09	0.002365052
578425.014141296.41	578425.01	4141296	0.000303612	0.000275058	0.00032432	3.85705E-05	3.85608E-05	0.000111202	4.93886E-06	0	0	2.57101E-09	2.57101E-09	0.002571011
578445.014141296.41	578445.01	4141296	0.000340396	0.000308515	0.000363769	4.32621E-05	4.32512E-05	0.000124728	5.5396E-06	0	0	2.88342E-09	2.88342E-09	0.002883418
578465.014141296.41	578465.01	4141296	0.000385074	0.000349082	0.000411601	4.89507E-05	4.89384E-05	0.000141129	6.26801E-06	0	0	3.26238E-09	3.26238E-09	0.003262384
578485.014141296.41	578485.01	4141296	0.000438419	0.000397198	0.000468334	5.56978E-05	5.56838E-05	0.000160581	7.13196E-06	0	0	3.71264E-09	3.71264E-09	0.003712644

578505.014141296.41	578505.01	4141296	0.000502546	0.000454567	0.000535978	6.37424E-05	6.37264E-05	0.000183775	8.16206E-06	0	0	4.25064E-09	4.25064E-09	0.004250644
578525.014141296.41	578525.01	4141296	0.000581377	0.000524743	0.000618723	7.35831E-05	7.35646E-05	0.000212146	9.42213E-06	0	0	4.90961E-09	4.90961E-09	0.004909607
578545.014141296.41	578545.01	4141296	0.000677903	0.000622095	0.00073351	8.72344E-05	8.72124E-05	0.000251504	1.11701E-05	0	0	5.79553E-09	5.79553E-09	0.005795533
578565.014141296.41	578565.01	4141296	0.000797233	0.000728699	0.000859207	0.000102183	0.000102157	0.000294602	1.30843E-05	0	0	6.79563E-09	6.79563E-09	0.006795628
578585.014141296.41	578585.01	4141296	0.000946382	0.000860579	0.001014706	0.000120676	0.000120646	0.000347919	1.54523E-05	0	0	8.0362E-09	8.0362E-09	0.008036198
578605.014141296.41	578605.01	4141296	0.001133915	0.00102426	0.001207701	0.000143629	0.000143593	0.000414093	1.83913E-05	0	0	9.58123E-09	9.58123E-09	0.009581232
578625.014141296.41	578625.01	4141296	0.001369014	0.001226658	0.001446347	0.00017201	0.000171967	0.00049592	2.20255E-05	0	0	1.14988E-08	1.14988E-08	0.011498778
578645.014141296.41	578645.01	4141296	0.001660554	0.001474054	0.001738051	0.000206702	0.00020665	0.000595938	2.64677E-05	0	0	1.38518E-08	1.38518E-08	0.01385182
578665.014141296.41	578665.01	4141296	0.00201684	0.001772001	0.00208936	0.000248482	0.000248419	0.000716394	3.18175E-05	0	0	1.6697E-08	1.6697E-08	0.016697041
578685.014141296.41	578685.01	4141296	0.002470323	0.002145141	0.002529328	0.000300806	0.000300731	0.000867249	3.85175E-05	0	0	2.02763E-08	2.02763E-08	0.020276319
578705.014141296.41	578705.01	4141296	0.003042827	0.002608863	0.003076101	0.000365833	0.00036574	0.001054725	4.68439E-05	0	0	2.47441E-08	2.47441E-08	0.024744132
578725.014141296.41	578725.01	4141296	0.003762983	0.003183524	0.003753681	0.000446415	0.000446303	0.001287052	5.71624E-05	0	0	3.03043E-08	3.03043E-08	0.030304308
578745.014141296.41	578745.01	4141296	0.004670723	0.003896932	0.004594857	0.000546454	0.000546317	0.001575472	6.99721E-05	0	0	3.72371E-08	3.72371E-08	0.037237077
579005.014141296.41	579005.01	4141296	0.028517858	0.024518103	0.028909202	0.003438095	0.00343723	0.009912307	0.00044024	0	0	2.32373E-07	2.32373E-07	0.232372529
579025.014141296.41	579025.01	4141296	0.026514277	0.023653433	0.027889673	0.003316846	0.00331601	0.009562734	0.000424714	0	0	2.21984E-07	2.21984E-07	0.221983632
579045.014141296.41	579045.01	4141296	0.023930247	0.022082661	0.026037581	0.003096581	0.003095801	0.008927694	0.000396509	0	0	2.05432E-07	2.05432E-07	0.205432113
579065.014141296.41	579065.01	4141296	0.021061282	0.020014369	0.023598866	0.002806551	0.002805844	0.008091514	0.000359372	0	0	1.84811E-07	1.84811E-07	0.184811143
579085.014141296.41	579085.01	4141296	0.018265678	0.01777134	0.02095412	0.002492018	0.002491391	0.007184691	0.000319097	0	0	1.63142E-07	1.63142E-07	0.163142247
579105.014141296.41	579105.01	4141296	0.015706258	0.015554367	0.018340095	0.002181139	0.00218059	0.006288401	0.000279289	0	0	1.42173E-07	1.42173E-07	0.142172934
579125.014141296.41	579125.01	4141296	0.013416606	0.013458559	0.015868936	0.001887251	0.001886776	0.005441097	0.000241658	0	0	1.22635E-07	1.22635E-07	0.122635244
579145.014141296.41	579145.01	4141296	0.011423755	0.011561155	0.013631714	0.001621184	0.001620776	0.004674004	0.000207589	0	0	1.05123E-07	1.05123E-07	0.105123125
579165.014141296.41	579165.01	4141296	0.009775532	0.009948014	0.011729665	0.001394978	0.001394627	0.004021835	0.000178623	0	0	9.03359E-08	9.03359E-08	0.090335889
579185.014141296.41	579185.01	4141296	0.0083719	0.00854774	0.010078608	0.001198622	0.001198321	0.003455725	0.000153481	0	0	7.75595E-08	7.75595E-08	0.077559529
579205.014141296.41	579205.01	4141296	0.007208527	0.007371341	0.00869152	0.00103366	0.001033399	0.002980124	0.000132358	0	0	6.68607E-08	6.68607E-08	0.066860683
579225.014141296.41	579225.01	4141296	0.006242283	0.006384483	0.007527919	0.000895276	0.00089505	0.002581152	0.000114638	0	0	5.79069E-08	5.79069E-08	0.057906925
579245.014141296.41	579245.01	4141296	0.005427664	0.005546355	0.006539686	0.000777748	0.000777552	0.002242309	9.95886E-05	0	0	5.03158E-08	5.03158E-08	0.050315791
579265.014141296.41	579265.01	4141296	0.004762761	0.004858271	0.005728369	0.00068126	0.000681088	0.001964127	8.72336E-05	0	0	4.40922E-08	4.40922E-08	0.044092181
579285.014141296.41	579285.01	4141296	0.004201453	0.004274747	0.005040338	0.000599434	0.000599283	0.001728217	7.6756E-05	0	0	3.88199E-08	3.88199E-08	0.038819916
578385.014141316.41	578385.01	4141316	0.000238195	0.000219443	0.000258744	3.07717E-05	3.0764E-05	8.87174E-05	3.94024E-06	0	0	2.04231E-09	2.04231E-09	0.002042308
578405.014141316.41	578405.01	4141316	0.00026301	0.000242575	0.000286019	3.40155E-05	3.4007E-05	9.80695E-05	4.3556E-06	0	0	2.25695E-09	2.25695E-09	0.002256951
578425.014141316.41	578425.01	4141316	0.000302219	0.000279051	0.000329029	3.91305E-05	3.91206E-05	0.000112816	5.01056E-06	0	0	2.59558E-09	2.59558E-09	0.002595584
578445.014141316.41	578445.01	4141316	0.000335547	0.000303791	0.000358199	4.25997E-05	4.25889E-05	0.000122818	5.45478E-06	0	0	2.84006E-09	2.84006E-09	0.002840065
578465.014141316.41	578465.01	4141316	0.000377129	0.000341339	0.000402471	4.78649E-05	4.78528E-05	0.000137998	6.12898E-06	0	0	3.19133E-09	3.19133E-09	0.00319133
578485.014141316.41	578485.01	4141316	0.000429184	0.000388578	0.000458171	5.4489E-05	5.44753E-05	0.000157096	6.97719E-06	0	0	3.63269E-09	3.63269E-09	0.003632688
578505.014141316.41	578505.01	4141316	0.000492744	0.000454761	0.000536207	6.37697E-05	6.37537E-05	0.000183853	8.16556E-06	0	0	4.23044E-09	4.23044E-09	0.004230441
578525.014141316.41	578525.01	4141316	0.000569975	0.00052523	0.000619297	7.36514E-05	7.36328E-05	0.000212343	9.43088E-06	0	0	4.88791E-09	4.88791E-09	0.00488791
578545.014141316.41	578545.01	4141316	0.000664438	0.000610894	0.000720303	8.56637E-05	8.56421E-05	0.000246975	1.0969E-05	0	0	5.68841E-09	5.68841E-09	0.005688414
578565.014141316.41	578565.01	4141316	0.000782684	0.000717255	0.000845712	0.000100578	0.000100553	0.000289976	1.28788E-05	0	0	6.68444E-09	6.68444E-09	0.006684442
578585.014141316.41	578585.01	4141316	0.000930802	0.000849086	0.001001154	0.000119065	0.000119035	0.000343273	1.52459E-05	0	0	7.92241E-09	7.92241E-09	0.007922406
578605.014141316.41	578605.01	4141316	0.001119521	0.001015056	0.001196848	0.000142338	0.000142302	0.000410372	1.8226E-05	0	0	9.48589E-09	9.48589E-09	0.009485889
578625.014141316.41	578625.01	4141316	0.001357561	0.001221447	0.001440203	0.00017128	0.000171236	0.000493813	2.19319E-05	0	0	1.14375E-08	1.14375E-08	0.011437536
578645.014141316.41	578645.01	4141316	0.001661018	0.001480385	0.001745516	0.00020759	0.000207537	0.000598498	2.65813E-05	0	0	1.38967E-08	1.38967E-08	0.013896653
578665.014141316.41	578665.01	4141316	0.002038147	0.001797082	0.002118932	0.000251999	0.000251936	0.000726534	3.22678E-05	0	0	1.69175E-08	1.69175E-08	0.016917451
578685.014141316.41	578685.01	4141316	0.002514124	0.002190043	0.002582271	0.000307103	0.000307025	0.000885402	3.93237E-05	0	0	2.06834E-08	2.06834E-08	0.020683351
578705.014141316.41	578705.01	4141316	0.003124082	0.002684641	0.003165449	0.000376459	0.000376364	0.001085361	4.82046E-05	0	0	2.54472E-08	2.54472E-08	0.025447184
578725.014141316.41	578725.01	4141316	0.003905941	0.003307612	0.003899993	0.000463816	0.000463699	0.001337219	5.93905E-05	0	0	3.14773E-08	3.14773E-08	0.031477343
579025.014141316.41	579025.01	4141316	0.028713851	0.025926022	0.030569274	0.003635524	0.003634608	0.010481508	0.00046552	0	0	2.42547E-07	2.42547E-07	0.242546653
579045.014141316.41	579045.01	4141316	0.025457387	0.023834305	0.028102939	0.003342209	0.003341367	0.009635858	0.000427961	0	0	2.20912E-07	2.20912E-07	0.220911611
579065.014141316.41	579065.01	4141316	0.022067406	0.021289531	0.025102406	0.002985363	0.002984611	0.008607043	0.000382268	0	0	1.95848E-07	1.95848E-07	0.195847731
579085.014141316.41	579085.01	4141316	0.018877494	0.018635329	0.021972845	0.002613173	0.002612515	0.007533988	0.00033461	0	0	1.70466E-07	1.70466E-07	0.170466449
579105.014141316.41	579105.01	4141316	0.016020704	0.0160795	0.018959277	0.002254777	0.002254209	0.006500704	0.000288719	0	0	1.46498E-07	1.46498E-07	0.146498355
579125.014141316.41	579125.01	4141316	0.013513545	0.013719981	0.016177177	0.001923909	0.001923425	0.005546786	0.000246352	0	0	1.24657E-07	1.24657E-07	0.124657492
579145.014141316.41	579145.01	4141316	0.011393988	0.011652516	0.013739438	0.001633995	0.001633584	0.00471094	0.000209229	0	0	1.0569E-07	1.0569E-07	0.105689923
579165.014141316.41	579165.01	4141316	0.009667294	0.009926634	0.011704457	0.00139198	0.00139163	0.004013192	0.00017824	0	0	8.995E-08	8.995E-08	0.089949964

579185.014141316.41	579185.01	4141316	0.008237455	0.008473765	0.009991384	0.001188249	0.00118795	0.003425818	0.000152152	0	0	7.6752E-08	7.6752E-08	0.076752002
579205.014141316.41	579205.01	4141316	0.00705164	0.007254802	0.008554109	0.001017318	0.001017062	0.002933009	0.000130265	0	0	6.57093E-08	6.57093E-08	0.06570926
579225.014141316.41	579225.01	4141316	0.006084209	0.00625197	0.007371674	0.000876694	0.000876473	0.002527579	0.000112258	0	0	5.66424E-08	5.66424E-08	0.056642351
579245.014141316.41	579245.01	4141316	0.005296468	0.005430448	0.006403021	0.000761494	0.000761303	0.00219545	9.75075E-05	0	0	4.92252E-08	4.92252E-08	0.049225236
579265.014141316.41	579265.01	4141316	0.004644464	0.004747478	0.005597734	0.000665724	0.000665556	0.001919335	8.52443E-05	0	0	4.30654E-08	4.30654E-08	0.043065371
579285.014141316.41	579285.01	4141316	0.004093886	0.004169116	0.004915789	0.000584622	0.000584475	0.001685512	7.48594E-05	0	0	3.78524E-08	3.78524E-08	0.037852423
578385.014141336.41	578385.01	4141336	0.000242219	0.000217154	0.000256045	3.04508E-05	3.04431E-05	8.7792E-05	3.89914E-06	0	0	2.03532E-09	2.03532E-09	0.002035315
578405.014141336.41	578405.01	4141336	0.000260276	0.000239215	0.000282057	3.35443E-05	3.35359E-05	9.6711E-05	4.29527E-06	0	0	2.22768E-09	2.22768E-09	0.002227685
578425.014141336.41	578425.01	4141336	0.000295048	0.000265562	0.000313123	3.72388E-05	3.72295E-05	0.000107363	4.76834E-06	0	0	2.48646E-09	2.48646E-09	0.002486463
578445.014141336.41	578445.01	4141336	0.000331058	0.000305252	0.000359922	4.28045E-05	4.27938E-05	0.000123409	5.48101E-06	0	0	2.84031E-09	2.84031E-09	0.002840307
578465.014141336.41	578465.01	4141336	0.00037553	0.000346306	0.000408328	4.85614E-05	4.85492E-05	0.000140007	6.21817E-06	0	0	3.22219E-09	3.22219E-09	0.003222189
578485.014141336.41	578485.01	4141336	0.000421136	0.000380835	0.000449041	5.34032E-05	5.33898E-05	0.000153966	6.83815E-06	0	0	3.56141E-09	3.56141E-09	0.003561407
578505.014141336.41	578505.01	4141336	0.0004816	0.000435574	0.000513583	6.10791E-05	6.10637E-05	0.000176096	7.82102E-06	0	0	4.07315E-09	4.07315E-09	0.004073155
578525.014141336.41	578525.01	4141336	0.000557439	0.000513981	0.000606033	7.20739E-05	7.20557E-05	0.000207795	9.22888E-06	0	0	4.7825E-09	4.7825E-09	0.004782495
578545.014141336.41	578545.01	4141336	0.000651644	0.000599888	0.000707325	8.41203E-05	8.40991E-05	0.000242526	1.07714E-05	0	0	5.58412E-09	5.58412E-09	0.005584117
578565.014141336.41	578565.01	4141336	0.000766691	0.000704106	0.000830208	9.87345E-05	9.87096E-05	0.00028466	1.26427E-05	0	0	6.55828E-09	6.55828E-09	0.006558284
578585.014141336.41	578585.01	4141336	0.000912848	0.000835255	0.000984846	0.000117125	0.000117096	0.000337681	1.49976E-05	0	0	7.78722E-09	7.78722E-09	0.00778722
578605.014141336.41	578605.01	4141336	0.00110069	0.001001809	0.00118123	0.000140481	0.000140445	0.000405017	1.79882E-05	0	0	9.35282E-09	9.35282E-09	0.009352818
578625.014141336.41	578625.01	4141336	0.001342187	0.001212924	0.001430154	0.000170084	0.000170042	0.000490367	2.17789E-05	0	0	1.13448E-08	1.13448E-08	0.011344755
578645.014141336.41	578645.01	4141336	0.001646882	0.001475271	0.001739487	0.000206873	0.000206821	0.00059643	2.64895E-05	0	0	1.38302E-08	1.38302E-08	0.013830187
578665.014141336.41	578665.01	4141336	0.002047485	0.00181364	0.002138456	0.000254321	0.000254257	0.000733228	3.25652E-05	0	0	1.70526E-08	1.70526E-08	0.017052568
578685.014141336.41	578685.01	4141336	0.002548277	0.002229197	0.002628438	0.000312593	0.000312515	0.000901232	4.00268E-05	0	0	2.10294E-08	2.10294E-08	0.021029404
578705.014141336.41	578705.01	4141336	0.003202036	0.002760564	0.00325497	0.000387105	0.000387008	0.001116055	4.95678E-05	0	0	2.6144E-08	2.6144E-08	0.026143987
579025.014141336.41	579025.01	4141336	0.031047304	0.02845794	0.033554648	0.003990566	0.003989561	0.011505125	0.000510982	0	0	2.65199E-07	2.65199E-07	0.265198645
579045.014141336.41	579045.01	4141336	0.027001707	0.025713447	0.030318627	0.003605715	0.003604807	0.010395567	0.000461703	0	0	2.37311E-07	2.37311E-07	0.237311196
579065.014141336.41	579065.01	4141336	0.023023693	0.022592112	0.026638274	0.00316802	0.003167222	0.009133658	0.000405657	0	0	2.06964E-07	2.06964E-07	0.206964488
579085.014141336.41	579085.01	4141336	0.019388501	0.019446282	0.022929037	0.00272689	0.002726204	0.007861845	0.000349171	0	0	1.77202E-07	1.77202E-07	0.177201997
579105.014141336.41	579105.01	4141336	0.01620576	0.016500658	0.019455863	0.002313835	0.002313252	0.006670972	0.000296281	0	0	1.4982E-07	1.4982E-07	0.149819762
579125.014141336.41	579125.01	4141336	0.01351989	0.013897736	0.016386768	0.001948835	0.001948345	0.00561865	0.000249543	0	0	1.25902E-07	1.25902E-07	0.125901562
579145.014141336.41	579145.01	4141336	0.011318768	0.011696541	0.013791347	0.001640169	0.001639756	0.004728739	0.00021002	0	0	1.05829E-07	1.05829E-07	0.105829208
579165.014141336.41	579165.01	4141336	0.009511232	0.009851295	0.011615625	0.001381416	0.001381068	0.003982733	0.000176887	0	0	8.90855E-08	8.90855E-08	0.089085473
579185.014141336.41	579185.01	4141336	0.008060808	0.008349482	0.009844843	0.001170821	0.001170527	0.003375572	0.000149921	0	0	7.55035E-08	7.55035E-08	0.075503549
579205.014141336.41	579205.01	4141336	0.006867615	0.007102225	0.008374206	0.000995922	0.000995672	0.002871325	0.000127525	0	0	6.42488E-08	6.42488E-08	0.064248779
579225.014141336.41	579225.01	4141336	0.005934544	0.006120577	0.007216749	0.000858269	0.000858053	0.002474459	0.000109899	0	0	5.5404E-08	5.5404E-08	0.055404017
579245.014141336.41	579245.01	4141336	0.005158411	0.005300517	0.006249819	0.000743275	0.000743087	0.002142921	9.51745E-05	0	0	4.80225E-08	4.80225E-08	0.048022535
579265.014141336.41	579265.01	4141336	0.00451786	0.004622222	0.005450044	0.000648159	0.000647996	0.001868696	8.29952E-05	0	0	4.19202E-08	4.19202E-08	0.041920204
579285.014141336.41	579285.01	4141336	0.00398601	0.004058665	0.004785556	0.000569134	0.00056899	0.001640858	7.28761E-05	0	0	3.68509E-08	3.68509E-08	0.036850885
578385.014141356.41	578385.01	4141356	0.000241961	0.000216228	0.000254954	3.0321E-05	3.03134E-05	8.74179E-05	3.88253E-06	0	0	2.02834E-09	2.02834E-09	0.002028345
578405.014141356.41	578405.01	4141356	0.000265641	0.0002379	0.000280507	3.33599E-05	3.33515E-05	9.61794E-05	4.27166E-06	0	0	2.23038E-09	2.23038E-09	0.002230382
578425.014141356.41	578425.01	4141356	0.000293758	0.000263711	0.000310941	3.69793E-05	3.697E-05	0.000106614	4.73511E-06	0	0	2.47082E-09	2.47082E-09	0.002470821
578445.014141356.41	578445.01	4141356	0.00032657	0.000293661	0.000346255	4.11792E-05	4.11688E-05	0.000118723	5.2729E-06	0	0	2.75023E-09	2.75023E-09	0.002750228
578465.014141356.41	578465.01	4141356	0.000366295	0.00033004	0.000389149	4.62805E-05	4.62689E-05	0.00013343	5.9261E-06	0	0	3.08932E-09	3.08932E-09	0.003089321
578485.014141356.41	578485.01	4141356	0.000418556	0.000385412	0.000454438	5.40452E-05	5.40315E-05	0.000155817	6.92035E-06	0	0	3.58742E-09	3.58742E-09	0.003587415
578505.014141356.41	578505.01	4141356	0.000476699	0.000439177	0.000517832	6.15844E-05	6.15689E-05	0.000177553	7.88573E-06	0	0	4.08732E-09	4.08732E-09	0.004087318
578525.014141356.41	578525.01	4141356	0.000545418	0.00050278	0.000592826	7.05032E-05	7.04854E-05	0.000203266	9.02776E-06	0	0	4.67855E-09	4.67855E-09	0.004678552
578545.014141356.41	578545.01	4141356	0.000636734	0.000586544	0.000691591	8.22492E-05	8.22285E-05	0.000237131	1.05318E-05	0	0	5.45899E-09	5.45899E-09	0.005458993
578565.014141356.41	578565.01	4141356	0.000751936	0.000691541	0.000815393	9.69726E-05	9.69482E-05	0.00027958	1.24171E-05	0	0	6.43889E-09	6.43889E-09	0.006438893
578585.014141356.41	578585.01	4141356	0.00089443	0.000820499	0.000967447	0.000115056	0.000115027	0.000331716	1.47326E-05	0	0	7.64461E-09	7.64461E-09	0.007644609
578605.014141356.41	578605.01	4141356	0.001080363	0.00098681	0.001163544	0.000138377	0.000138342	0.000398953	1.77189E-05	0	0	9.20433E-09	9.20433E-09	0.009204326
578625.014141356.41	578625.01	4141356	0.001319538	0.001198022	0.001412583	0.000167995	0.000167952	0.000484343	2.15113E-05	0	0	1.11918E-08	1.11918E-08	0.011191832
578645.014141356.41	578645.01	4141356	0.001629187	0.001467285	0.00173007	0.000205753	0.000205701	0.000593202	2.63461E-05	0	0	1.3736E-08	1.3736E-08	0.013736009
578665.014141356.41	578665.01	4141356	0.002037631	0.001815588	0.002140752	0.000254594	0.00025453	0.000734015	3.26001E-05	0	0	1.70444E-08	1.70444E-08	0.017044384
578685.014141356.41	578685.01	4141356	0.002572215	0.002262167	0.002667313	0.000317217	0.000317137	0.000914561	4.06188E-05	0	0	2.13102E-08	2.13102E-08	0.021310197
579025.014141356.41	579025.01	4141356	0.033503698	0.031278989	0.036880937	0.004386153	0.004385049	0.012645633	0.000561636	0	0	2.90122E-07	2.90122E-07	0.290121819

579045.014141356.41	579045.01	4141356	0.028533645	0.027709955	0.032672702	0.003885679	0.0038847	0.011202726	0.000497551	0	0	2.54496E-07	2.54496E-07	0.254495772
579065.014141356.41	579065.01	4141356	0.023847289	0.023849987	0.028121429	0.003344408	0.003343566	0.009642198	0.000428243	0	0	2.1748E-07	2.1748E-07	0.217480123
579085.014141356.41	579085.01	4141356	0.019726834	0.020131833	0.023737368	0.002823023	0.002822312	0.008139003	0.000361481	0	0	1.8269E-07	1.8269E-07	0.182690075
579105.014141356.41	579105.01	4141356	0.016248735	0.016795245	0.019803209	0.002355144	0.002354551	0.006790069	0.00030157	0	0	1.51953E-07	1.51953E-07	0.151952874
579125.014141356.41	579125.01	4141356	0.013411653	0.01396017	0.016460383	0.00195759	0.001957097	0.00564389	0.000250665	0	0	1.26096E-07	1.26096E-07	0.126095646
579145.014141356.41	579145.01	4141356	0.011125715	0.011614677	0.013694821	0.001628689	0.001628279	0.004695642	0.00020855	0	0	1.04838E-07	1.04838E-07	0.104838228
579165.014141356.41	579165.01	4141356	0.009287895	0.009696721	0.011433367	0.00135974	0.001359398	0.003920241	0.000174111	0	0	8.75247E-08	8.75247E-08	0.087524742
579185.014141356.41	579185.01	4141356	0.007840618	0.008169146	0.009632209	0.001145533	0.001145245	0.003302665	0.000146683	0	0	7.37715E-08	7.37715E-08	0.073771454
579205.014141356.41	579205.01	4141356	0.006684519	0.00694054	0.008183565	0.00097325	0.000973005	0.002805958	0.000124622	0	0	6.27273E-08	6.27273E-08	0.062727318
579225.014141356.41	579225.01	4141356	0.005758877	0.005952805	0.00701893	0.000834743	0.000834533	0.002406631	0.000106887	0	0	5.38568E-08	5.38568E-08	0.053856762
579245.014141356.41	579245.01	4141356	0.005004671	0.005146673	0.006068423	0.000721702	0.00072152	0.002080724	9.24121E-05	0	0	4.66199E-08	4.66199E-08	0.046619874
579265.014141356.41	579265.01	4141356	0.004389347	0.004488978	0.005292937	0.000629475	0.000629317	0.001814828	8.06027E-05	0	0	4.07156E-08	4.07156E-08	0.04071557
579285.014141356.41	579285.01	4141356	0.003874419	0.003939982	0.004645618	0.000552491	0.000552352	0.001592877	7.07451E-05	0	0	3.57842E-08	3.57842E-08	0.035784224
579305.014141356.41	579305.01	4141356	0.003446422	0.003485075	0.004109239	0.000488701	0.000488578	0.001408964	6.25769E-05	0	0	3.16951E-08	3.16951E-08	0.031695126
578385.014141376.41	578385.01	4141376	0.000242786	0.000216228	0.000254954	3.0321E-05	3.03134E-05	8.74179E-05	3.88253E-06	0	0	2.03016E-09	2.03016E-09	0.00203016
578405.014141376.41	578405.01	4141376	0.000266105	0.000242916	0.000286421	3.40633E-05	3.40548E-05	9.82073E-05	4.36173E-06	0	0	2.26612E-09	2.26612E-09	0.002266116
578425.014141376.41	578425.01	4141376	0.000293139	0.000267997	0.000315994	3.75803E-05	3.75708E-05	0.000108347	4.81206E-06	0	0	2.49912E-09	2.49912E-09	0.002499117
578445.014141376.41	578445.01	4141376	0.000325538	0.000298044	0.000351423	4.17938E-05	4.17833E-05	0.000120495	5.3516E-06	0	0	2.77829E-09	2.77829E-09	0.002778291
578465.014141376.41	578465.01	4141376	0.000363406	0.000333303	0.000392997	4.67381E-05	4.67263E-05	0.00013475	5.98469E-06	0	0	3.10555E-09	3.10555E-09	0.00310555
578485.014141376.41	578485.01	4141376	0.000408548	0.000375283	0.000442495	5.26247E-05	5.26115E-05	0.000151721	6.73846E-06	0	0	3.49531E-09	3.49531E-09	0.00349531
578505.014141376.41	578505.01	4141376	0.000466381	0.000428853	0.000505659	6.01367E-05	6.01215E-05	0.000173379	7.70035E-06	0	0	3.99318E-09	3.99318E-09	0.003993184
578525.014141376.41	578525.01	4141376	0.000540672	0.000497374	0.000586452	6.97452E-05	6.97276E-05	0.000201081	8.93069E-06	0	0	4.63071E-09	4.63071E-09	0.004630707
578545.014141376.41	578545.01	4141376	0.00062234	0.000573054	0.000675686	8.03575E-05	8.03373E-05	0.000231677	1.02896E-05	0	0	5.33399E-09	5.33399E-09	0.005333993
578565.014141376.41	578565.01	4141376	0.000734756	0.000676152	0.000797248	9.48146E-05	9.47908E-05	0.000273358	1.21408E-05	0	0	6.29462E-09	6.29462E-09	0.006294623
578585.014141376.41	578585.01	4141376	0.000877096	0.000805889	0.000950221	0.000113007	0.000112979	0.000325809	1.44703E-05	0	0	7.50539E-09	7.50539E-09	0.007505391
578605.014141376.41	578605.01	4141376	0.001059366	0.000970544	0.001144365	0.000136096	0.000136062	0.000392377	1.74268E-05	0	0	9.0456E-09	9.0456E-09	0.009045596
578625.014141376.41	578625.01	4141376	0.001295807	0.00118161	0.001393232	0.000165693	0.000165652	0.000477707	2.12166E-05	0	0	1.10261E-08	1.10261E-08	0.01102608
578645.014141376.41	578645.01	4141376	0.001606538	0.001454915	0.001715485	0.000204018	0.000203967	0.000588201	2.6124E-05	0	0	1.36006E-08	1.36006E-08	0.013600611
578665.014141376.41	578665.01	4141376	0.002022257	0.001813542	0.002138341	0.000254307	0.000254243	0.000733188	3.25634E-05	0	0	1.69964E-08	1.69964E-08	0.016996428
578685.014141376.41	578685.01	4141376	0.002578096	0.002282573	0.002691373	0.000320078	0.000319997	0.00092281	4.09852E-05	0	0	2.14643E-08	2.14643E-08	0.021464338
579005.014141376.41	579005.01	4141376	0.042080053	0.038141609	0.044972626	0.005348476	0.00534713	0.015420089	0.000684859	0	0	3.56469E-07	3.56469E-07	0.356469351
579025.014141376.41	579025.01	4141376	0.035900298	0.03428505	0.040425372	0.004807683	0.004806473	0.01386094	0.000615612	0	0	3.16194E-07	3.16194E-07	0.316193862
579045.014141376.41	579045.01	4141376	0.029836571	0.029653478	0.034964303	0.004158213	0.004157166	0.011988463	0.000532449	0	0	2.7081E-07	2.7081E-07	0.27081016
579065.014141376.41	579065.01	4141376	0.024436611	0.024965219	0.029436394	0.003500793	0.003499912	0.010093069	0.000448268	0	0	2.26494E-07	2.26494E-07	0.226493548
579085.014141376.41	579085.01	4141376	0.019872113	0.020656869	0.024356435	0.002896647	0.002895918	0.008351267	0.000370908	0	0	1.86643E-07	1.86643E-07	0.186642889
579105.014141376.41	579105.01	4141376	0.016111194	0.016911394	0.019940161	0.002371431	0.002370834	0.006837027	0.000303656	0	0	1.52454E-07	1.52454E-07	0.152454261
579125.014141376.41	579125.01	4141376	0.013142452	0.013849134	0.016329461	0.00194202	0.001941531	0.005599	0.000248671	0	0	1.24735E-07	1.24735E-07	0.12473537
579145.014141376.41	579145.01	4141376	0.010826334	0.011408139	0.013451294	0.001599727	0.001599324	0.004612142	0.000204841	0	0	1.02751E-07	1.02751E-07	0.102750703
579165.014141376.41	579165.01	4141376	0.009020603	0.009480639	0.011178585	0.00132944	0.001329105	0.003832882	0.000170231	0	0	8.54417E-08	8.54417E-08	0.085441714
579185.014141376.41	579185.01	4141376	0.007599895	0.00795282	0.00937714	0.001115199	0.001114918	0.003215208	0.000142798	0	0	7.17452E-08	7.17452E-08	0.071745158
579205.014141376.41	579205.01	4141376	0.006473152	0.006736779	0.007943311	0.000944677	0.000944439	0.00272358	0.000120964	0	0	6.08525E-08	6.08525E-08	0.060852513
579225.014141376.41	579225.01	4141376	0.005576039	0.005767648	0.006800611	0.000808779	0.000808575	0.002331775	0.000103562	0	0	5.21734E-08	5.21734E-08	0.052173425
579245.014141376.41	579245.01	4141376	0.004852168	0.004986693	0.005879791	0.000699268	0.000699092	0.002016046	8.95395E-05	0	0	4.51775E-08	4.51775E-08	0.045177472
579265.014141376.41	579265.01	4141376	0.004254953	0.004344583	0.005122681	0.000609227	0.000609074	0.001756451	7.801E-05	0	0	3.94208E-08	3.94208E-08	0.039420827
579285.014141376.41	579285.01	4141376	0.00376742	0.003822859	0.004507518	0.000536067	0.000535932	0.001545525	6.86421E-05	0	0	3.47384E-08	3.47384E-08	0.034738442
579305.014141376.41	579305.01	4141376	0.00336238	0.00339196	0.003999448	0.000475644	0.000475524	0.00137132	6.0905E-05	0	0	3.0866E-08	3.0866E-08	0.03086597
578385.014141396.41	578385.01	4141396	0.000245056	0.000222267	0.000262074	3.11678E-05	3.116E-05	8.98593E-05	3.99096E-06	0	0	2.07694E-09	2.07694E-09	0.002076941
578405.014141396.41	578405.01	4141396	0.000267189	0.000242624	0.000286077	3.40224E-05	3.40138E-05	9.80892E-05	4.35648E-06	0	0	2.26648E-09	2.26648E-09	0.002266476
578425.014141396.41	578425.01	4141396	0.000292778	0.000266341	0.000314041	3.73481E-05	3.73387E-05	0.000107678	4.78233E-06	0	0	2.48686E-09	2.48686E-09	0.002486865
578445.014141396.41	578445.01	4141396	0.000323836	0.000295074	0.00034792	4.13773E-05	4.13668E-05	0.000119294	5.29825E-06	0	0	2.75399E-09	2.75399E-09	0.00275399
578465.014141396.41	578465.01	4141396	0.000362013	0.00033043	0.000389609	4.63352E-05	4.63235E-05	0.000133588	5.9331E-06	0	0	3.0826E-09	3.0826E-09	0.003082603
578485.014141396.41	578485.01	4141396	0.000406794	0.000371971	0.00043859	5.21603E-05	5.21472E-05	0.000150382	6.679E-06	0	0	3.46854E-09	3.46854E-09	0.003468536
578505.014141396.41	578505.01	4141396	0.000459674	0.000421207	0.000496644	5.90645E-05	5.90496E-05	0.000170288	7.56306E-06	0	0	3.92553E-09	3.92553E-09	0.003925527
578525.014141396.41	578525.01	4141396	0.000530663	0.000486806	0.000573991	6.82633E-05	6.82461E-05	0.000196808	8.74094E-06	0	0	4.53557E-09	4.53557E-09	0.004535569

578545.014141396.41	578545.01	4141396	0.00061099	0.000561463	0.000662019	7.87322E-05	7.87124E-05	0.000226991	1.00815E-05	0	0	5.22883E-09	5.22883E-09	0.005228828
578565.014141396.41	578565.01	4141396	0.000716751	0.000659204	0.000777265	9.24381E-05	9.24148E-05	0.000266507	1.18365E-05	0	0	6.13775E-09	6.13775E-09	0.006137754
578585.014141396.41	578585.01	4141396	0.000853673	0.000785045	0.000925644	0.000110084	0.000110057	0.000317382	1.4096E-05	0	0	7.30965E-09	7.30965E-09	0.00730965
578605.014141396.41	578605.01	4141396	0.001032332	0.000947996	0.001117778	0.000132934	0.000132901	0.000383261	1.70219E-05	0	0	8.83012E-09	8.83012E-09	0.008830119
578625.014141396.41	578625.01	4141396	0.001267638	0.001160328	0.001368138	0.000162709	0.000162668	0.000469104	2.08345E-05	0	0	1.08169E-08	1.08169E-08	0.01081687
578645.014141396.41	578645.01	4141396	0.001579453	0.001437919	0.001695444	0.000201635	0.000201584	0.000581329	2.58188E-05	0	0	1.34234E-08	1.34234E-08	0.013423442
578665.014141396.41	578665.01	4141396	0.001996204	0.001802585	0.002125421	0.000252771	0.000252707	0.000728758	3.23667E-05	0	0	1.68633E-08	1.68633E-08	0.016863317
579005.014141396.41	579005.01	4141396	0.045994197	0.04274625	0.050401941	0.00599417	0.005992661	0.017281678	0.000767539	0	0	3.96941E-07	3.96941E-07	0.396940545
579025.014141396.41	579025.01	4141396	0.038124275	0.037424695	0.044127316	0.005247946	0.005246624	0.015130252	0.000671986	0	0	3.42811E-07	3.42811E-07	0.342810812
579045.014141396.41	579045.01	4141396	0.030851362	0.03148426	0.037122971	0.004414937	0.004413826	0.012728621	0.000565322	0	0	2.85711E-07	2.85711E-07	0.285710849
579065.014141396.41	579065.01	4141396	0.024681358	0.025811285	0.030433988	0.003619434	0.003618523	0.010435121	0.00046346	0	0	2.32887E-07	2.32887E-07	0.232886679
579085.014141396.41	579085.01	4141396	0.019703515	0.020880548	0.024620175	0.002928013	0.002927276	0.008441697	0.000374925	0	0	1.8782E-07	1.8782E-07	0.187820129
579105.014141396.41	579105.01	4141396	0.015791486	0.016824562	0.019837777	0.002359255	0.002358661	0.006801922	0.000302097	0	0	1.5115E-07	1.5115E-07	0.151150437
579125.014141396.41	579125.01	4141396	0.012804584	0.013642158	0.016085417	0.001912996	0.001912515	0.005515323	0.000244954	0	0	1.2256E-07	1.2256E-07	0.122560194
579145.014141396.41	579145.01	4141396	0.010501776	0.0111511	0.01314822	0.001563683	0.00156329	0.004508225	0.000200226	0	0	1.00258E-07	1.00258E-07	0.100258337
579165.014141396.41	579165.01	4141396	0.008717456	0.009206019	0.010854782	0.001290931	0.001290606	0.003721858	0.0001653	0	0	8.28748E-08	8.28748E-08	0.082874757
579185.014141396.41	579185.01	4141396	0.00733477	0.007693784	0.009071712	0.001078875	0.001078603	0.003110483	0.000138147	0	0	6.93696E-08	6.93696E-08	0.069369644
579205.014141396.41	579205.01	4141396	0.00625482	0.006512856	0.007679284	0.000913277	0.000913047	0.002633052	0.000116943	0	0	5.88229E-08	5.88229E-08	0.05882287
579225.014141396.41	579225.01	4141396	0.005392066	0.005572117	0.006570062	0.00078136	0.000781163	0.002252725	0.000100051	0	0	5.04158E-08	5.04158E-08	0.050415807
579245.014141396.41	579245.01	4141396	0.004697499	0.004818483	0.005681455	0.000675681	0.00067551	0.001948042	8.65192E-05	0	0	4.36733E-08	4.36733E-08	0.043673349
579265.014141396.41	579265.01	4141396	0.004131651	0.004208466	0.004962186	0.00059014	0.000589991	0.001701421	7.55659E-05	0	0	3.82078E-08	3.82078E-08	0.038207765
579285.014141396.41	579285.01	4141396	0.003668933	0.00371343	0.004378491	0.000520722	0.000520591	0.001501285	6.66772E-05	0	0	3.37646E-08	3.37646E-08	0.033764625
579305.014141396.41	579305.01	4141396	0.003283085	0.003304008	0.003895743	0.000463311	0.000463194	0.001335762	5.93258E-05	0	0	3.0083E-08	3.0083E-08	0.030082974
578385.014141416.41	578385.01	4141416	0.000247894	0.000223679	0.00026374	3.13659E-05	3.1358E-05	9.04303E-05	4.01632E-06	0	0	2.09295E-09	2.09295E-09	0.002092953
578405.014141416.41	578405.01	4141416	0.000269407	0.000243354	0.000286938	3.41248E-05	3.41162E-05	9.83845E-05	4.3696E-06	0	0	2.27641E-09	2.27641E-09	0.002276408
578425.014141416.41	578425.01	4141416	0.000294893	0.000266779	0.000314558	3.74096E-05	3.74002E-05	0.000107855	4.7902E-06	0	0	2.49455E-09	2.49455E-09	0.002494548
578445.014141416.41	578445.01	4141416	0.00032528	0.000294684	0.000347461	4.13226E-05	4.13122E-05	0.000119136	5.29126E-06	0	0	2.75447E-09	2.75447E-09	0.00275447
578465.014141416.41	578465.01	4141416	0.000361394	0.000327995	0.000386738	4.59937E-05	4.59821E-05	0.000132604	5.88938E-06	0	0	3.06439E-09	3.06439E-09	0.003064391
578485.014141416.41	578485.01	4141416	0.000405297	0.000368562	0.00043457	5.16823E-05	5.16693E-05	0.000149004	6.61779E-06	0	0	3.44166E-09	3.44166E-09	0.003441655
578505.014141416.41	578505.01	4141416	0.000456734	0.000416337	0.000490901	5.83816E-05	5.83669E-05	0.000168319	7.47562E-06	0	0	3.88536E-09	3.88536E-09	0.003885359
578525.014141416.41	578525.01	4141416	0.000521377	0.000476335	0.000561645	6.6795E-05	6.67782E-05	0.000192575	8.55293E-06	0	0	4.44269E-09	4.44269E-09	0.004442693
578545.014141416.41	578545.01	4141416	0.000602168	0.000551285	0.000650018	7.73049E-05	7.72855E-05	0.000222876	9.8987E-06	0	0	5.13899E-09	5.13899E-09	0.005138994
578565.014141416.41	578565.01	4141416	0.000701532	0.000643669	0.000758948	9.02596E-05	9.02369E-05	0.000260226	1.15575E-05	0	0	5.99678E-09	5.99678E-09	0.005996783
578585.014141416.41	578585.01	4141416	0.000832418	0.000764737	0.000901699	0.000107237	0.00010721	0.000309172	1.37314E-05	0	0	7.12238E-09	7.12238E-09	0.007122381
578605.014141416.41	578605.01	4141416	0.001003751	0.000922574	0.001087804	0.00012937	0.000129337	0.000372983	1.65655E-05	0	0	8.59136E-09	8.59136E-09	0.008591356
578625.014141416.41	578625.01	4141416	0.001232092	0.001131157	0.001333743	0.000158619	0.000158579	0.00045731	2.03107E-05	0	0	1.05368E-08	1.05368E-08	0.010536844
578645.014141416.41	578645.01	4141416	0.001538077	0.001407481	0.001659555	0.000197367	0.000197317	0.000569024	2.52723E-05	0	0	1.31218E-08	1.31218E-08	0.013121835
578665.014141416.41	578665.01	4141416	0.001957511	0.001779988	0.002098777	0.000249602	0.000249539	0.000719623	3.19609E-05	0	0	1.66219E-08	1.66219E-08	0.016621868
579025.014141416.41	579025.01	4141416	0.040063626	0.040625216	0.047901037	0.005696745	0.00569531	0.016424175	0.000729454	0	0	3.69223E-07	3.69223E-07	0.369223248
579045.014141416.41	579045.01	4141416	0.031529214	0.033124917	0.039057463	0.004645002	0.004643832	0.013391915	0.000594781	0	0	2.98555E-07	2.98555E-07	0.298555013
579065.014141416.41	579065.01	4141416	0.024642975	0.026395491	0.031122823	0.003701356	0.003700424	0.010671307	0.000473949	0	0	2.36845E-07	2.36845E-07	0.236845163
579085.014141416.41	579085.01	4141416	0.019384993	0.02092282	0.024670017	0.00293394	0.002933202	0.008458787	0.000375684	0	0	1.87412E-07	1.87412E-07	0.18741235
579105.014141416.41	579105.01	4141416	0.015376644	0.016601029	0.01957421	0.002327909	0.002327323	0.006711551	0.000298083	0	0	1.48691E-07	1.48691E-07	0.148691438
579125.014141416.41	579125.01	4141416	0.012385821	0.013314407	0.015698966	0.001867037	0.001866567	0.005382818	0.000239069	0	0	1.19371E-07	1.19371E-07	0.119371355
579145.014141416.41	579145.01	4141416	0.010114226	0.010797148	0.012730876	0.00151405	0.001513668	0.004365128	0.00019387	0	0	9.69568E-08	9.69568E-08	0.096956807
579165.014141416.41	579165.01	4141416	0.008386707	0.008878268	0.010468332	0.001244971	0.001244658	0.003589353	0.000159415	0	0	7.98794E-08	7.98794E-08	0.079879428
579185.014141416.41	579185.01	4141416	0.007058347	0.007405285	0.008731544	0.00103842	0.001038158	0.002993847	0.000132967	0	0	6.67654E-08	6.67654E-08	0.066765393
579205.014141416.41	579205.01	4141416	0.006022248	0.006261856	0.007383331	0.00087808	0.000877859	0.002531576	0.000112436	0	0	5.65745E-08	5.65745E-08	0.056574538
579225.014141416.41	579225.01	4141416	0.005206907	0.00536821	0.006329636	0.000752767	0.000752577	0.002170288	9.63899E-05	0	0	4.85976E-08	4.85976E-08	0.048597614
579245.014141416.41	579245.01	4141416	0.004548659	0.004653	0.005486335	0.000652475	0.000652311	0.001881139	8.35478E-05	0	0	4.22009E-08	4.22009E-08	0.042200917
579265.014141416.41	579265.01	4141416	0.004016655	0.004080239	0.004810994	0.000572159	0.000572015	0.00164958	7.32635E-05	0	0	3.70676E-08	3.70676E-08	0.037067561
579285.014141416.41	579285.01	4141416	0.003572871	0.003607361	0.004253426	0.000505849	0.000505721	0.001458403	6.47727E-05	0	0	3.28194E-08	3.28194E-08	0.032819394
579305.014141416.41	579305.01	4141416	0.003210136	0.003224773	0.003802318	0.0004522	0.000452086	0.001303728	5.7903E-05	0	0	2.93743E-08	2.93743E-08	0.029374256
578385.014141436.41	578385.01	4141436	0.000252124	0.000226504	0.00026707	3.17619E-05	3.17539E-05	9.15722E-05	4.06704E-06	0	0	2.1218E-09	2.1218E-09	0.002121801

578405.014141436.41	578405.01	4141436	0.000273638	0.000245935	0.000289981	3.44867E-05	3.44781E-05	9.9428E-05	4.41594E-06	0	0	2.30357E-09	2.30357E-09	0.002303572
578425.014141436.41	578425.01	4141436	0.000298814	0.000268776	0.000316912	3.76896E-05	3.76801E-05	0.000108662	4.82605E-06	0	0	2.51699E-09	2.51699E-09	0.002516987
578445.014141436.41	578445.01	4141436	0.000329098	0.00029634	0.000349413	4.15548E-05	4.15443E-05	0.000119806	5.32099E-06	0	0	2.77432E-09	2.77432E-09	0.002774322
578465.014141436.41	578465.01	4141436	0.000364489	0.000328726	0.000387599	4.60961E-05	4.60845E-05	0.000132899	5.90249E-06	0	0	3.07625E-09	3.07625E-09	0.003076252
578485.014141436.41	578485.01	4141436	0.000406897	0.000367637	0.000433479	5.15525E-05	5.15396E-05	0.00014863	6.60118E-06	0	0	3.43877E-09	3.43877E-09	0.003438768
578505.014141436.41	578505.01	4141436	0.000456011	0.000412977	0.000486939	5.79104E-05	5.78958E-05	0.00016696	7.41528E-06	0	0	3.86052E-09	3.86052E-09	0.003860517
578525.014141436.41	578525.01	4141436	0.000519262	0.000471417	0.000555846	6.61053E-05	6.60886E-05	0.000190587	8.46462E-06	0	0	4.404E-09	4.404E-09	0.004404003
578545.014141436.41	578545.01	4141436	0.000595513	0.000542178	0.00063928	7.60279E-05	7.60087E-05	0.000219195	9.73518E-06	0	0	5.06134E-09	5.06134E-09	0.00506134
578565.014141436.41	578565.01	4141436	0.000690853	0.000630958	0.00074396	8.84773E-05	8.8455E-05	0.000255087	1.13293E-05	0	0	5.88534E-09	5.88534E-09	0.005885341
578585.014141436.41	578585.01	4141436	0.000816941	0.000748033	0.000882003	0.000104894	0.000104868	0.000302419	1.34315E-05	0	0	6.97275E-09	6.97275E-09	0.006972755
578605.014141436.41	578605.01	4141436	0.000980432	0.000899734	0.001060873	0.000126167	0.000126135	0.000363749	1.61553E-05	0	0	8.38202E-09	8.38202E-09	0.008382024
578625.014141436.41	578625.01	4141436	0.001198919	0.001101547	0.00129883	0.000154466	0.000154428	0.000445339	1.9779E-05	0	0	1.0259E-08	1.0259E-08	0.010259001
578645.014141436.41	578645.01	4141436	0.001495669	0.001373342	0.001619303	0.000192579	0.000192531	0.000555222	2.46593E-05	0	0	1.27923E-08	1.27923E-08	0.012792346
579025.014141436.41	579025.01	4141436	0.041515649	0.043691275	0.051516216	0.006126688	0.006125146	0.017663738	0.000784507	0	0	3.93634E-07	3.93634E-07	0.393633725
579045.014141436.41	579045.01	4141436	0.031814047	0.034459494	0.040631058	0.004832145	0.004830928	0.013931465	0.000618744	0	0	3.08417E-07	3.08417E-07	0.308416911
579065.014141436.41	579065.01	4141436	0.024364023	0.026706928	0.031490037	0.003745027	0.003744084	0.010797217	0.000479541	0	0	2.38387E-07	2.38387E-07	0.238387086
579085.014141436.41	579085.01	4141436	0.01888678	0.020720909	0.024431945	0.002905627	0.002904895	0.008377158	0.000372058	0	0	1.8492E-07	1.8492E-07	0.184919686
579105.014141436.41	579105.01	4141436	0.014838603	0.016190925	0.019090659	0.002270402	0.00226983	0.006545752	0.000290719	0	0	1.4467E-07	1.4467E-07	0.144670453
579125.014141436.41	579125.01	4141436	0.011887608	0.012855555	0.015157935	0.001802693	0.00180224	0.005197311	0.00023083	0	0	1.15101E-07	1.15101E-07	0.115100582
579145.014141436.41	579145.01	4141436	0.00969959	0.010379789	0.012238769	0.001455525	0.001455158	0.004196395	0.000186376	0	0	9.31569E-08	9.31569E-08	0.093156928
579165.014141436.41	579165.01	4141436	0.008046569	0.008516962	0.010042317	0.001194306	0.001194006	0.003443282	0.000152928	0	0	7.66312E-08	7.66312E-08	0.07663125
579185.014141436.41	579185.01	4141436	0.006784709	0.007105244	0.008377766	0.000996346	0.000996095	0.002872545	0.00012758	0	0	6.40874E-08	6.40874E-08	0.064087394
579205.014141436.41	579205.01	4141436	0.005807218	0.006022203	0.007100757	0.000844474	0.000844262	0.002434688	0.000108133	0	0	5.44433E-08	5.44433E-08	0.054443297
579225.014141436.41	579225.01	4141436	0.005036812	0.005177695	0.006105	0.000726052	0.000725869	0.002093266	9.29691E-05	0	0	4.69052E-08	4.69052E-08	0.046905221
579245.014141436.41	579245.01	4141436	0.004417464	0.004506705	0.005313839	0.000631961	0.000631802	0.001821994	8.0921E-05	0	0	4.09001E-08	4.09001E-08	0.040900063
579265.014141436.41	579265.01	4141436	0.003909294	0.003962579	0.004672262	0.00055566	0.00055552	0.001602012	7.11509E-05	0	0	3.60173E-08	3.60173E-08	0.036017278
579285.014141436.41	579285.01	4141436	0.003491409	0.003520236	0.004150697	0.000493632	0.000493507	0.00142318	6.32083E-05	0	0	3.20374E-08	3.20374E-08	0.032037363
579305.014141436.41	579305.01	4141436	0.003141984	0.003154304	0.003719228	0.000442318	0.000442207	0.001275239	5.66377E-05	0	0	2.87368E-08	2.87368E-08	0.028736751
579325.014141436.41	579325.01	4141436	0.002842499	0.002843598	0.003352875	0.000398749	0.000398648	0.001149625	5.10588E-05	0	0	2.59281E-08	2.59281E-08	0.025928116
578385.014141456.41	578385.01	4141456	0.000258057	0.000230984	0.000272353	3.23902E-05	3.23821E-05	9.33836E-05	4.14749E-06	0	0	2.16585E-09	2.16585E-09	0.002165851
578405.014141456.41	578405.01	4141456	0.000279467	0.000250075	0.000294862	3.50672E-05	3.50584E-05	0.000101102	4.49027E-06	0	0	2.34504E-09	2.34504E-09	0.002345036
578425.014141456.41	578425.01	4141456	0.000304334	0.00027238	0.000321162	3.81949E-05	3.81853E-05	0.000110119	4.89076E-06	0	0	2.55406E-09	2.55406E-09	0.002554063
578445.014141456.41	578445.01	4141456	0.000333999	0.000299018	0.000352572	4.19304E-05	4.19199E-05	0.000120889	5.36908E-06	0	0	2.80363E-09	2.80363E-09	0.002803634
578465.014141456.41	578465.01	4141456	0.00036872	0.00033043	0.000389609	4.63352E-05	4.63235E-05	0.000133588	5.9331E-06	0	0	3.09735E-09	3.09735E-09	0.003097349
578485.014141456.41	578485.01	4141456	0.000410715	0.000368513	0.000434513	5.16755E-05	5.16625E-05	0.000148985	6.61692E-06	0	0	3.45323E-09	3.45323E-09	0.003453228
578505.014141456.41	578505.01	4141456	0.000458075	0.000411857	0.000485619	5.77533E-05	5.77388E-05	0.000166508	7.39517E-06	0	0	3.8573E-09	3.8573E-09	0.003857303
578525.014141456.41	578525.01	4141456	0.00052148	0.00046981	0.000553951	6.58799E-05	6.58633E-05	0.000189937	8.43576E-06	0	0	4.39776E-09	4.39776E-09	0.004397759
578545.014141456.41	578545.01	4141456	0.000592521	0.000535506	0.000631413	7.50923E-05	7.50734E-05	0.000216497	9.61538E-06	0	0	5.00859E-09	5.00859E-09	0.005008589
578565.014141456.41	578565.01	4141456	0.000686777	0.000622825	0.000734371	8.73368E-05	8.73148E-05	0.000251799	1.11833E-05	0	0	5.8201E-09	5.8201E-09	0.005820098
578585.014141456.41	578585.01	4141456	0.00080848	0.000735761	0.000867533	0.000103173	0.000103147	0.000297457	1.32111E-05	0	0	6.86922E-09	6.86922E-09	0.006869224
578605.014141456.41	578605.01	4141456	0.000963717	0.0008804	0.001038076	0.000123456	0.000123425	0.000355933	1.58082E-05	0	0	8.21148E-09	8.21148E-09	0.008211477
578625.014141456.41	578625.01	4141456	0.00117137	0.001073788	0.001266099	0.000150574	0.000150536	0.000434117	1.92806E-05	0	0	1.00063E-08	1.00063E-08	0.01000633
578645.014141456.41	578645.01	4141456	0.001456254	0.001337889	0.001577499	0.000187608	0.000187561	0.000540889	2.40227E-05	0	0	1.24603E-08	1.24603E-08	0.012460337
579045.014141456.41	579045.01	4141456	0.031562232	0.035240253	0.041551649	0.004941628	0.004940384	0.014247114	0.000632763	0	0	3.13266E-07	3.13266E-07	0.313266346
579065.014141456.41	579065.01	4141456	0.023762164	0.026592142	0.031354694	0.003728931	0.003727992	0.01075081	0.00047748	0	0	2.36269E-07	2.36269E-07	0.236269469
579085.014141456.41	579085.01	4141456	0.018136443	0.020156865	0.023766883	0.002826533	0.002825821	0.008149123	0.00036193	0	0	1.79367E-07	1.79367E-07	0.179366624
579105.014141456.41	579105.01	4141456	0.014161268	0.015556704	0.018342851	0.002181467	0.002180918	0.006289346	0.000279331	0	0	1.38792E-07	1.38792E-07	0.13879225
579125.014141456.41	579125.01	4141456	0.011331872	0.012283134	0.014482996	0.001722425	0.001721991	0.00496589	0.000220552	0	0	1.09917E-07	1.09917E-07	0.109917408
579145.014141456.41	579145.01	4141456	0.009266588	0.009910417	0.011685335	0.001389706	0.001389356	0.004006635	0.000177948	0	0	8.89567E-08	8.89567E-08	0.088956733
579165.014141456.41	579165.01	4141456	0.007710093	0.008141777	0.009599938	0.001141695	0.001141408	0.0032916	0.000146191	0	0	7.32951E-08	7.32951E-08	0.073295074
579185.014141456.41	579185.01	4141456	0.006527374	0.006815089	0.008035645	0.000955658	0.000955418	0.00275524	0.00012237	0	0	6.15137E-08	6.15137E-08	0.061513653
579205.014141456.41	579205.01	4141456	0.005609367	0.005799351	0.006837993	0.000813225	0.00081302	0.002344592	0.000104131	0	0	5.24661E-08	5.24661E-08	0.052466099
579225.014141456.41	579225.01	4141456	0.004885599	0.005009728	0.005906952	0.000702498	0.000702321	0.002025359	8.99531E-05	0	0	4.54104E-08	4.54104E-08	0.045410384
579245.014141456.41	579245.01	4141456	0.00429442	0.004373511	0.00515679	0.000613283	0.000613129	0.001768146	7.85294E-05	0	0	3.97078E-08	3.97078E-08	0.039707789

579265.014141456.41	579265.01	4141456	0.003812613	0.003861527	0.004553111	0.00054149	0.000541353	0.001561158	6.93364E-05	0	0	3.51054E-08	3.51054E-08	0.035105399
578385.014141476.41	578385.01	4141476	0.000264764	0.000236439	0.000278784	3.31551E-05	3.31467E-05	9.55887E-05	4.24542E-06	0	0	2.21834E-09	2.21834E-09	0.002218343
578405.014141476.41	578405.01	4141476	0.000286639	0.000255773	0.000301581	3.58662E-05	3.58572E-05	0.000103405	4.59258E-06	0	0	2.40023E-09	2.40023E-09	0.002400233
578425.014141476.41	578425.01	4141476	0.000311815	0.00027798	0.000327765	3.89803E-05	3.89704E-05	0.000112383	4.99132E-06	0	0	2.60927E-09	2.60927E-09	0.002609267
578445.014141476.41	578445.01	4141476	0.000340654	0.000303596	0.000357969	4.25723E-05	4.25616E-05	0.000122739	5.45128E-06	0	0	2.84995E-09	2.84995E-09	0.002849946
578465.014141476.41	578465.01	4141476	0.00037522	0.000334375	0.00039426	4.68883E-05	4.68765E-05	0.000135183	6.00393E-06	0	0	3.13894E-09	3.13894E-09	0.003138939
578485.014141476.41	578485.01	4141476	0.000417267	0.000371971	0.00043859	5.21603E-05	5.21472E-05	0.000150382	6.679E-06	0	0	3.49156E-09	3.49156E-09	0.003491562
578505.014141476.41	578505.01	4141476	0.000464885	0.000414925	0.000489236	5.81836E-05	5.81689E-05	0.000167748	7.45026E-06	0	0	3.89351E-09	3.89351E-09	0.003893508
578525.014141476.41	578525.01	4141476	0.000528342	0.000472147	0.000556707	6.62077E-05	6.6191E-05	0.000190882	8.47773E-06	0	0	4.42902E-09	4.42902E-09	0.004429022
578545.014141476.41	578545.01	4141476	0.000594687	0.000532974	0.000628427	7.47372E-05	7.47184E-05	0.000215473	9.56991E-06	0	0	4.99583E-09	4.99583E-09	0.004995828
578565.014141476.41	578565.01	4141476	0.000685281	0.000616105	0.000726447	8.63944E-05	8.63726E-05	0.000249082	1.10626E-05	0	0	5.7703E-09	5.7703E-09	0.0057703
578585.014141476.41	578585.01	4141476	0.000800947	0.000722904	0.000852373	0.000101371	0.000101345	0.000292259	1.29802E-05	0	0	6.76369E-09	6.76369E-09	0.00676369
578605.014141476.41	578605.01	4141476	0.000951128	0.000862381	0.00101683	0.000120929	0.000120898	0.000348648	1.54846E-05	0	0	8.0591E-09	8.0591E-09	0.008059103
578625.014141476.41	578625.01	4141476	0.001149908	0.00104788	0.001235551	0.000146941	0.000146904	0.000423642	1.88154E-05	0	0	9.77985E-09	9.77985E-09	0.009779849
578645.014141476.41	578645.01	4141476	0.001423546	0.00130336	0.001536787	0.000182766	0.00018272	0.000526929	2.34027E-05	0	0	1.21495E-08	1.21495E-08	0.012149477
579065.014141476.41	579065.01	4141476	0.022700167	0.025818882	0.030442946	0.0036205	0.003619588	0.010438193	0.000463596	0	0	2.28583E-07	2.28583E-07	0.228583351
579085.014141476.41	579085.01	4141476	0.017236338	0.019306805	0.02276458	0.002707332	0.00270665	0.007805456	0.000346667	0	0	1.71505E-07	1.71505E-07	0.171504968
579105.014141476.41	579105.01	4141476	0.01342032	0.01477351	0.017419389	0.002071642	0.002071121	0.005972712	0.000265269	0	0	1.31743E-07	1.31743E-07	0.131743249
579125.014141476.41	579125.01	4141476	0.010743943	0.01162953	0.013712335	0.001630772	0.001630361	0.004701647	0.000208816	0	0	1.04102E-07	1.04102E-07	0.104101644
579145.014141476.41	579145.01	4141476	0.008824404	0.009408904	0.011094003	0.001319381	0.001319048	0.003803881	0.000168943	0	0	8.45139E-08	8.45139E-08	0.084513915
579165.014141476.41	579165.01	4141476	0.007393842	0.007781834	0.009175531	0.001091222	0.001090947	0.003146081	0.000139728	0	0	7.01088E-08	7.01088E-08	0.07010885
579185.014141476.41	579185.01	4141476	0.006278603	0.006535258	0.007705698	0.000916418	0.000916188	0.002642108	0.000117345	0	0	5.90302E-08	5.90302E-08	0.059030189
579205.014141476.41	579205.01	4141476	0.005417294	0.005588626	0.006589528	0.000783675	0.000783478	0.002259399	0.000100348	0	0	5.05855E-08	5.05855E-08	0.050585524
579225.014141476.41	579225.01	4141476	0.004734902	0.00485009	0.005718722	0.000680113	0.000679941	0.00196082	8.70867E-05	0	0	4.39743E-08	4.39743E-08	0.04397431
578385.014141496.41	578385.01	4141496	0.000272038	0.00024277	0.000286249	3.40428E-05	3.40343E-05	9.81483E-05	4.3591E-06	0	0	2.27815E-09	2.27815E-09	0.002278149
578405.014141496.41	578405.01	4141496	0.000294687	0.000262542	0.000309562	3.68154E-05	3.68062E-05	0.000106142	4.71413E-06	0	0	2.46477E-09	2.46477E-09	0.002464774
578425.014141496.41	578425.01	4141496	0.000320276	0.000284847	0.000335862	3.99432E-05	3.99331E-05	0.000115159	5.11462E-06	0	0	2.67539E-09	2.67539E-09	0.002675389
578445.014141496.41	578445.01	4141496	0.000349683	0.000310658	0.000366295	4.35626E-05	4.35516E-05	0.000125594	5.57808E-06	0	0	2.91866E-09	2.91866E-09	0.002918664
578465.014141496.41	578465.01	4141496	0.000384403	0.000341193	0.000402299	4.78444E-05	4.78323E-05	0.000137939	6.12635E-06	0	0	3.20631E-09	3.20631E-09	0.003206312
578485.014141496.41	578485.01	4141496	0.000426398	0.000378205	0.00044594	5.30345E-05	5.30211E-05	0.000152903	6.79093E-06	0	0	3.55478E-09	3.55478E-09	0.003554778
578505.014141496.41	578505.01	4141496	0.000473965	0.000420379	0.000495667	5.89484E-05	5.89336E-05	0.000169953	7.5482E-06	0	0	3.95122E-09	3.95122E-09	0.003951217
578525.014141496.41	578525.01	4141496	0.000537783	0.000477017	0.000562449	6.68906E-05	6.68738E-05	0.000192851	8.56518E-06	0	0	4.48348E-09	4.48348E-09	0.004483482
578545.014141496.41	578545.01	4141496	0.000602994	0.000535798	0.000631758	7.51333E-05	7.51144E-05	0.000216615	9.62063E-06	0	0	5.03364E-09	5.03364E-09	0.005033637
578565.014141496.41	578565.01	4141496	0.000689614	0.000614157	0.00072415	8.61212E-05	8.60996E-05	0.000248294	1.10276E-05	0	0	5.76635E-09	5.76635E-09	0.005766348
578585.014141496.41	578585.01	4141496	0.000800432	0.000715209	0.000843301	0.000100292	0.000100266	0.000289149	1.28421E-05	0	0	6.70931E-09	6.70931E-09	0.006709307
578605.014141496.41	578605.01	4141496	0.000943132	0.000846553	0.000998168	0.000118709	0.00011868	0.000342249	1.52005E-05	0	0	7.93199E-09	7.93199E-09	0.007931991
578625.014141496.41	578625.01	4141496	0.001131438	0.001021338	0.001204256	0.000143219	0.000143183	0.000412912	1.83388E-05	0	0	9.55557E-09	9.55557E-09	0.009555567
578645.014141496.41	578645.01	4141496	0.001394758	0.00126703	0.00149395	0.000177672	0.000177627	0.000512241	2.27504E-05	0	0	1.18348E-08	1.18348E-08	0.011834767
579085.014141496.41	579085.01	4141496	0.016213705	0.018194252	0.021452773	0.002551322	0.00255068	0.007355667	0.00032669	0	0	1.61557E-07	1.61557E-07	0.161557388
579105.014141496.41	579105.01	4141496	0.012678805	0.013929196	0.016423862	0.001953247	0.001952755	0.005631368	0.000250108	0	0	1.2427E-07	1.2427E-07	0.124270042
579125.014141496.41	579125.01	4141496	0.010188878	0.010988783	0.012956832	0.001540922	0.001540534	0.004442603	0.000197311	0	0	9.84471E-08	9.84471E-08	0.098447107
579145.014141496.41	579145.01	4141496	0.008408994	0.00893364	0.010533621	0.001252736	0.00125242	0.003611739	0.00016041	0	0	8.03116E-08	8.03116E-08	0.08031162
579165.014141496.41	579165.01	4141496	0.00708342	0.007435236	0.008766858	0.001042619	0.001042357	0.003005956	0.000133505	0	0	6.70278E-08	6.70278E-08	0.067027786
579185.014141496.41	579185.01	4141496	0.006050004	0.00628942	0.007415832	0.000881945	0.000881723	0.00254272	0.000112931	0	0	5.68263E-08	5.68263E-08	0.056826315
579205.014141496.41	579205.01	4141496	0.005238687	0.005405124	0.006373161	0.000757943	0.000757753	0.002185212	9.70528E-05	0	0	4.89229E-08	4.89229E-08	0.048922946
578385.014141516.41	578385.01	4141516	0.00027859	0.000248663	0.000293197	3.48692E-05	3.48604E-05	0.000100531	4.46491E-06	0	0	2.33333E-09	2.33333E-09	0.002333334
578405.014141516.41	578405.01	4141516	0.000302529	0.000269458	0.000317716	3.77852E-05	3.77757E-05	0.000108938	4.8383E-06	0	0	2.52987E-09	2.52987E-09	0.002529872
578425.014141516.41	578425.01	4141516	0.000329511	0.000292882	0.000345336	4.10699E-05	4.10596E-05	0.000118408	5.2589E-06	0	0	2.7513E-09	2.7513E-09	0.002751301
578445.014141516.41	578445.01	4141516	0.00035964	0.000319034	0.000376172	4.47372E-05	4.47259E-05	0.000128981	5.72848E-06	0	0	2.99852E-09	2.99852E-09	0.002998523
578465.014141516.41	578465.01	4141516	0.000395134	0.000349861	0.00041252	4.90599E-05	4.90476E-05	0.000141444	6.282E-06	0	0	3.28989E-09	3.28989E-09	0.003289895
578485.014141516.41	578485.01	4141516	0.000437387	0.00038663	0.000455874	5.42159E-05	5.42022E-05	0.000156309	6.94221E-06	0	0	3.63724E-09	3.63724E-09	0.003637242
578505.014141516.41	578505.01	4141516	0.000485728	0.000428853	0.000505659	6.01367E-05	6.01215E-05	0.000173379	7.70035E-06	0	0	4.03572E-09	4.03572E-09	0.00403572
578525.014141516.41	578525.01	4141516	0.000551042	0.000485929	0.000572957	6.81403E-05	6.81232E-05	0.000196454	8.7252E-06	0	0	4.57431E-09	4.57431E-09	0.004574307
578545.014141516.41	578545.01	4141516	0.000615117	0.000542568	0.000639739	7.60825E-05	7.60634E-05	0.000219352	9.74218E-06	0	0	5.10714E-09	5.10714E-09	0.005107139

578565.014141516.41	578565.01	4141516	0.000702409	0.000619952	0.000730983	8.69339E-05	8.6912E-05	0.000250637	1.11317E-05	0	0	5.83458E-09	5.83458E-09	0.005834583
578585.014141516.41	578585.01	4141516	0.000810027	0.000716281	0.000844564	0.000100442	0.000100416	0.000289582	1.28613E-05	0	0	6.73782E-09	6.73782E-09	0.006737819
578605.014141516.41	578605.01	4141516	0.000947569	0.000840563	0.000991105	0.00011787	0.00011784	0.000339827	1.50929E-05	0	0	7.90029E-09	7.90029E-09	0.007900292
578625.014141516.41	578625.01	4141516	0.001129117	0.001006582	0.001186857	0.00014115	0.000141114	0.000406946	1.80739E-05	0	0	9.44835E-09	9.44835E-09	0.009448346
578645.014141516.41	578645.01	4141516	0.001379332	0.001237664	0.001459325	0.000173554	0.00017351	0.000500369	2.22231E-05	0	0	1.15976E-08	1.15976E-08	0.01159763
579085.014141516.41	579085.01	4141516	0.015134374	0.016928975	0.01996089	0.002373896	0.002373299	0.006844135	0.000303971	0	0	1.50428E-07	1.50428E-07	0.150428258
579105.014141516.41	579105.01	4141516	0.011945339	0.013071637	0.015412717	0.001832994	0.001832532	0.00528467	0.00023471	0	0	1.16723E-07	1.16723E-07	0.11672286
579125.014141516.41	579125.01	4141516	0.009671473	0.010398441	0.012260762	0.00145814	0.001457773	0.004203936	0.000186711	0	0	9.32242E-08	9.32242E-08	0.093224187
579145.014141516.41	579145.01	4141516	0.008022218	0.008509073	0.010033015	0.0011932	0.0011929	0.003440092	0.000152786	0	0	7.65231E-08	7.65231E-08	0.076523114
579165.014141516.41	579165.01	4141516	0.006784451	0.007122289	0.008397864	0.000998736	0.000998484	0.002879436	0.000127886	0	0	6.42048E-08	6.42048E-08	0.064204783
578385.014141536.41	578385.01	4141536	0.000285762	0.000255335	0.000301064	3.58047E-05	3.57957E-05	0.000103228	4.58471E-06	0	0	2.39527E-09	2.39527E-09	0.002395272
578405.014141536.41	578405.01	4141536	0.000309906	0.000276276	0.000325755	3.87412E-05	3.87315E-05	0.000111694	4.96072E-06	0	0	2.59327E-09	2.59327E-09	0.002593275
578425.014141536.41	578425.01	4141536	0.000337971	0.000300479	0.000354294	4.21353E-05	4.21247E-05	0.000121479	5.39532E-06	0	0	2.82248E-09	2.82248E-09	0.002822478
578445.014141536.41	578445.01	4141536	0.000370319	0.000328433	0.000387254	4.60552E-05	4.60436E-05	0.000132781	5.89725E-06	0	0	3.08705E-09	3.08705E-09	0.003087047
578465.014141536.41	578465.01	4141536	0.000406897	0.000359942	0.000424407	5.04736E-05	5.04609E-05	0.000145519	6.46301E-06	0	0	3.38552E-09	3.38552E-09	0.003385519
578485.014141536.41	578485.01	4141536	0.000450027	0.000397198	0.000468334	5.56978E-05	5.56838E-05	0.000160581	7.13196E-06	0	0	3.73817E-09	3.73817E-09	0.003738165
578505.014141536.41	578505.01	4141536	0.000499451	0.00043981	0.000518579	6.16732E-05	6.16577E-05	0.000177809	7.8971E-06	0	0	4.14172E-09	4.14172E-09	0.004141722
578525.014141536.41	578525.01	4141536	0.000568221	0.000498981	0.000588347	6.99705E-05	6.99529E-05	0.000201731	8.95955E-06	0	0	4.7024E-09	4.7024E-09	0.0047024
578545.014141536.41	578545.01	4141536	0.000630801	0.000553428	0.000652544	7.76054E-05	7.75859E-05	0.000223743	9.93718E-06	0	0	5.21678E-09	5.21678E-09	0.005216776
578565.014141536.41	578565.01	4141536	0.000720156	0.000631056	0.000744075	8.84909E-05	8.84686E-05	0.000255126	1.1331E-05	0	0	5.95044E-09	5.95044E-09	0.005950443
578585.014141536.41	578585.01	4141536	0.000828703	0.000726021	0.000856048	0.000101808	0.000101782	0.000293519	1.30362E-05	0	0	6.84628E-09	6.84628E-09	0.006846284
578605.014141536.41	578605.01	4141536	0.000963974	0.000845531	0.000996962	0.000118566	0.000118536	0.000341836	1.51821E-05	0	0	7.97074E-09	7.97074E-09	0.007970739
578625.014141536.41	578625.01	4141536	0.001142376	0.001004634	0.00118456	0.000140877	0.000140841	0.000406159	1.80389E-05	0	0	9.46402E-09	9.46402E-09	0.009464016
578645.014141536.41	578645.01	4141536	0.001378816	0.001218573	0.001436815	0.000170877	0.000170834	0.000492651	2.18803E-05	0	0	1.14644E-08	1.14644E-08	0.011464384
578665.014141536.41	578665.01	4141536	0.001705644	0.001518809	0.001790822	0.000212978	0.000212924	0.000614032	2.72713E-05	0	0	1.42607E-08	1.42607E-08	0.014260677
579105.014141536.41	579105.01	4141536	0.011216051	0.012247193	0.014440619	0.001717385	0.001716952	0.004951359	0.000219907	0	0	1.09414E-07	1.09414E-07	0.10941404
579125.014141536.41	579125.01	4141536	0.009154997	0.009846425	0.011609883	0.001380733	0.001380385	0.003980764	0.000176799	0	0	8.82685E-08	8.82685E-08	0.088268543
579185.014141536.41	579185.01	4141536	0.005565566	0.005828523	0.006872389	0.000817315	0.000817109	0.002356386	0.000104655	0	0	5.25717E-08	5.25717E-08	0.052571672
578385.014141556.41	578385.01	4141556	0.000293087	0.000262055	0.000308988	3.67472E-05	3.67379E-05	0.000105945	4.70538E-06	0	0	2.45789E-09	2.45789E-09	0.002457888
578405.014141556.41	578405.01	4141556	0.000318006	0.000283678	0.000334484	3.97793E-05	3.97692E-05	0.000114687	5.09363E-06	0	0	2.66231E-09	2.66231E-09	0.00266231
578425.014141556.41	578425.01	4141556	0.000346536	0.00030832	0.000363539	4.32348E-05	4.32239E-05	0.000124649	5.5361E-06	0	0	2.89557E-09	2.89557E-09	0.002895568
578445.014141556.41	578445.01	4141556	0.000379812	0.000337005	0.000397361	4.72571E-05	4.72452E-05	0.000136246	6.05115E-06	0	0	3.16723E-09	3.16723E-09	0.003167233
578465.014141556.41	578465.01	4141556	0.000418556	0.000370267	0.00043658	5.19213E-05	5.19082E-05	0.000149693	6.6484E-06	0	0	3.4826E-09	3.4826E-09	0.003482602
578485.014141556.41	578485.01	4141556	0.000462924	0.000408301	0.000481427	5.72548E-05	5.72404E-05	0.00016507	7.33134E-06	0	0	3.84336E-09	3.84336E-09	0.003843363
578505.014141556.41	578505.01	4141556	0.000514567	0.000452521	0.000533566	6.34556E-05	6.34396E-05	0.000182948	8.12533E-06	0	0	4.26292E-09	4.26292E-09	0.004262918
578525.014141556.41	578525.01	4141556	0.00058246	0.000510426	0.000601841	7.15753E-05	7.15573E-05	0.000206358	9.16504E-06	0	0	4.81291E-09	4.81291E-09	0.004812906
578545.014141556.41	578545.01	4141556	0.000649013	0.000567453	0.000669082	7.95722E-05	7.95521E-05	0.000229413	1.0189E-05	0	0	5.35388E-09	5.35388E-09	0.005353878
578565.014141556.41	578565.01	4141556	0.000739606	0.000644886	0.000760383	9.04304E-05	9.04076E-05	0.000260718	1.15794E-05	0	0	6.08892E-09	6.08892E-09	0.006088919
578585.014141556.41	578585.01	4141556	0.000850062	0.000739608	0.000872069	0.000103713	0.000103687	0.000299013	1.32802E-05	0	0	6.98727E-09	6.98727E-09	0.006987272
578605.014141556.41	578605.01	4141556	0.00098977	0.000859849	0.001013844	0.000120574	0.000120543	0.000347624	1.54392E-05	0	0	8.12654E-09	8.12654E-09	0.008126537
578625.014141556.41	578625.01	4141556	0.001166623	0.001013351	0.001194839	0.000142099	0.000142063	0.000409683	1.81954E-05	0	0	9.57765E-09	9.57765E-09	0.009577654
578645.014141556.41	578645.01	4141556	0.001398214	0.001216577	0.001434461	0.000170597	0.000170554	0.000491844	2.18445E-05	0	0	1.14932E-08	1.14932E-08	0.011493216
578665.014141556.41	578665.01	4141556	0.001709823	0.001494167	0.001761767	0.000209522	0.00020947	0.00060407	2.68288E-05	0	0	1.40993E-08	1.40993E-08	0.014099333
578685.014141556.41	578685.01	4141556	0.00215077	0.001894433	0.002233719	0.00026565	0.000265583	0.000765891	3.40159E-05	0	0	1.78388E-08	1.78388E-08	0.017838767
579165.014141556.41	579165.01	4141556	0.006133633	0.006521866	0.007689907	0.00091454	0.00091431	0.002636694	0.000117105	0	0	5.86188E-08	5.86188E-08	0.058618773
579185.014141556.41	579185.01	4141556	0.005281249	0.005580688	0.006580168	0.000782562	0.000782365	0.00225619	0.000100205	0	0	5.02315E-08	5.02315E-08	0.050231477
579205.014141556.41	579205.01	4141556	0.004595194	0.004831437	0.005696729	0.000677497	0.000677326	0.001953279	8.67518E-05	0	0	4.35381E-08	4.35381E-08	0.043538066
578385.014141576.41	578385.01	4141576	0.000300671	0.000268873	0.000317027	3.77032E-05	3.76937E-05	0.000108701	4.8278E-06	0	0	2.52174E-09	2.52174E-09	0.002521744
578405.014141576.41	578405.01	4141576	0.000326364	0.000291129	0.000343269	4.08241E-05	4.08138E-05	0.000117699	5.22742E-06	0	0	2.73225E-09	2.73225E-09	0.002732249
578425.014141576.41	578425.01	4141576	0.000356028	0.000316697	0.000373416	4.44094E-05	4.43982E-05	0.000128036	5.68651E-06	0	0	2.97441E-09	2.97441E-09	0.002974406
578445.014141576.41	578445.01	4141576	0.000390336	0.000346258	0.000408271	4.85546E-05	4.85424E-05	0.000139987	6.21729E-06	0	0	3.25441E-09	3.25441E-09	0.003254406
578465.014141576.41	578465.01	4141576	0.000429545	0.000379861	0.000447892	5.32666E-05	5.32532E-05	0.000153572	6.82066E-06	0	0	3.57316E-09	3.57316E-09	0.003573155
578485.014141576.41	578485.01	4141576	0.000475616	0.00041921	0.000494289	5.87845E-05	5.87697E-05	0.000169481	7.52721E-06	0	0	3.94676E-09	3.94676E-09	0.003946759
578505.014141576.41	578505.01	4141576	0.000530612	0.00046606	0.000549529	6.53541E-05	6.53376E-05	0.000188421	8.36843E-06	0	0	4.39189E-09	4.39189E-09	0.004391886

578525.014141576.41	578525.01	4141576	0.000600362	0.000525084	0.000619125	7.36309E-05	7.36124E-05	0.000212284	9.42825E-06	0	0	4.95371E-09	4.95371E-09	0.004953708
578545.014141576.41	578545.01	4141576	0.000672641	0.000586398	0.000691419	8.22287E-05	8.2208E-05	0.000237072	1.05292E-05	0	0	5.53693E-09	5.53693E-09	0.005536929
578565.014141576.41	578565.01	4141576	0.000765401	0.000664707	0.000783754	9.32098E-05	9.31863E-05	0.000268731	1.19353E-05	0	0	6.2828E-09	6.2828E-09	0.0062828
578585.014141576.41	578585.01	4141576	0.000878953	0.000760403	0.000896588	0.000106629	0.000106602	0.00030742	1.36536E-05	0	0	7.1947E-09	7.1947E-09	0.007194699
578605.014141576.41	578605.01	4141576	0.001020828	0.000880059	0.001037674	0.000123408	0.000123377	0.000355795	1.58021E-05	0	0	8.33468E-09	8.33468E-09	0.008334684
578625.014141576.41	578625.01	4141576	0.001201963	0.001032977	0.00121798	0.000144851	0.000144815	0.000417617	1.85478E-05	0	0	9.79117E-09	9.79117E-09	0.009791172
578645.014141576.41	578645.01	4141576	0.001440932	0.001235716	0.001457028	0.00017328	0.000173237	0.000499582	2.21881E-05	0	0	1.17196E-08	1.17196E-08	0.011719583
578665.014141576.41	578665.01	4141576	0.001752747	0.001502592	0.001771701	0.000210704	0.000210651	0.000607476	2.69801E-05	0	0	1.4252E-08	1.4252E-08	0.014252011
578685.014141576.41	578685.01	4141576	0.002181002	0.00187432	0.002210003	0.00026283	0.000262764	0.00075776	3.36547E-05	0	0	1.7766E-08	1.7766E-08	0.017766048
578705.014141576.41	578705.01	4141576	0.002806489	0.002428283	0.00286318	0.00034051	0.000340425	0.000981719	4.36015E-05	0	0	2.29748E-08	2.29748E-08	0.022974848
579145.014141576.41	579145.01	4141576	0.006739206	0.00730696	0.008615608	0.001024632	0.001024374	0.002954096	0.000131202	0	0	6.53833E-08	6.53833E-08	0.06538328
579165.014141576.41	579165.01	4141576	0.005740304	0.006174975	0.00728089	0.000865897	0.000865679	0.002496451	0.000110876	0	0	5.53534E-08	5.53534E-08	0.055353407
579185.014141576.41	579185.01	4141576	0.004950088	0.005293114	0.006241091	0.000742237	0.00074205	0.002139928	9.50415E-05	0	0	4.75133E-08	4.75133E-08	0.047513281
579205.014141576.41	579205.01	4141576	0.004311754	0.004584674	0.005405772	0.000642894	0.000642732	0.001853516	8.2321E-05	0	0	4.12072E-08	4.12072E-08	0.041207214
579225.014141576.41	579225.01	4141576	0.003789191	0.004008942	0.004726928	0.000562161	0.00056202	0.001620756	7.19833E-05	0	0	3.60741E-08	3.60741E-08	0.036074057
579245.014141576.41	579245.01	4141576	0.00335557	0.003530804	0.004163158	0.000495113	0.000494989	0.001427452	6.3398E-05	0	0	3.18118E-08	3.18118E-08	0.031811838
579265.014141576.41	579265.01	4141576	0.002992732	0.003138769	0.00370091	0.00044014	0.000440029	0.001268958	5.63588E-05	0	0	2.83011E-08	2.83011E-08	0.028301091
578385.014141596.41	578385.01	4141596	0.000308307	0.000275399	0.000324722	3.86183E-05	3.86086E-05	0.00011134	4.94498E-06	0	0	2.58369E-09	2.58369E-09	0.002583692
578405.014141596.41	578405.01	4141596	0.000335701	0.000299018	0.000352572	4.19304E-05	4.19199E-05	0.000120889	5.36908E-06	0	0	2.80738E-09	2.80738E-09	0.002807377
578425.014141596.41	578425.01	4141596	0.00036614	0.000325268	0.000383522	4.56113E-05	4.55998E-05	0.000131501	5.84041E-06	0	0	3.05595E-09	3.05595E-09	0.003055953
578445.014141596.41	578445.01	4141596	0.000401944	0.000355949	0.000419698	4.99136E-05	4.9901E-05	0.000143905	6.39131E-06	0	0	3.34699E-09	3.34699E-09	0.003346995
578465.014141596.41	578465.01	4141596	0.000442959	0.000390964	0.000460984	5.48237E-05	5.48099E-05	0.000158061	7.02003E-06	0	0	3.67949E-09	3.67949E-09	0.003679487
578485.014141596.41	578485.01	4141596	0.00049099	0.000431824	0.000509162	6.05532E-05	6.0538E-05	0.00017458	7.75369E-06	0	0	4.06785E-09	4.06785E-09	0.004067848
578505.014141596.41	578505.01	4141596	0.000549597	0.000481352	0.00056756	6.74984E-05	6.74814E-05	0.000194603	8.643E-06	0	0	4.53945E-09	4.53945E-09	0.004539452
578525.014141596.41	578525.01	4141596	0.000621102	0.000541447	0.000638419	7.59255E-05	7.59063E-05	0.000218899	9.72207E-06	0	0	5.11255E-09	5.11255E-09	0.005112545
578545.014141596.41	578545.01	4141596	0.000699056	0.000606852	0.000715537	8.50969E-05	8.50755E-05	0.000245341	1.08964E-05	0	0	5.73655E-09	5.73655E-09	0.005736552
578565.014141596.41	578565.01	4141596	0.000798781	0.000689934	0.000813499	9.67472E-05	9.67229E-05	0.00027893	1.23882E-05	0	0	6.53076E-09	6.53076E-09	0.006530765
578585.014141596.41	578585.01	4141596	0.00091842	0.000789282	0.00093064	0.000110679	0.000110651	0.000319095	1.41721E-05	0	0	7.48132E-09	7.48132E-09	0.007481324
578605.014141596.41	578605.01	4141596	0.001066021	0.000911276	0.001074482	0.000127785	0.000127753	0.000368415	1.63626E-05	0	0	8.65008E-09	8.65008E-09	0.008650077
578625.014141596.41	578625.01	4141596	0.00125407	0.001066093	0.001257027	0.000149495	0.000149457	0.000431006	1.91424E-05	0	0	1.01349E-08	1.01349E-08	0.010134908
578645.014141596.41	578645.01	4141596	0.001498765	0.001266933	0.001493835	0.000177658	0.000177613	0.000512202	2.27487E-05	0	0	1.20628E-08	1.20628E-08	0.012062766
578665.014141596.41	578665.01	4141596	0.00182843	0.001537218	0.001812528	0.000215559	0.000215505	0.000621475	2.76018E-05	0	0	1.4658E-08	1.4658E-08	0.014658031
578685.014141596.41	578685.01	4141596	0.002276135	0.001905196	0.002246409	0.00026716	0.000267092	0.000770243	3.42091E-05	0	0	1.81889E-08	1.81889E-08	0.018188881
578705.014141596.41	578705.01	4141596	0.002895122	0.002418251	0.002851351	0.000339104	0.000339018	0.000977663	4.34214E-05	0	0	2.31003E-08	2.31003E-08	0.023100294
578725.014141596.41	578725.01	4141596	0.003859458	0.003230568	0.003809151	0.000453012	0.000452898	0.001306071	5.80071E-05	0	0	3.0842E-08	3.0842E-08	0.03084198
578745.014141596.41	578745.01	4141596	0.005473477	0.004632254	0.005461873	0.000649566	0.000649403	0.001872752	8.31753E-05	0	0	4.40907E-08	4.40907E-08	0.044090677
579105.014141596.41	579105.01	4141596	0.00884504	0.009949913	0.011731905	0.001395245	0.001394893	0.004022603	0.000178658	0	0	8.83032E-08	8.83032E-08	0.088303226
579145.014141596.41	579145.01	4141596	0.006185378	0.006803791	0.008022324	0.000954074	0.000953834	0.002750672	0.000122167	0	0	6.06835E-08	6.06835E-08	0.060683543
579165.014141596.41	579165.01	4141596	0.005286099	0.005763654	0.006795903	0.000808219	0.000808015	0.00233016	0.00010349	0	0	5.15083E-08	5.15083E-08	0.051508318
579185.014141596.41	579185.01	4141596	0.004570121	0.004946175	0.005832016	0.000693586	0.000693412	0.001999665	8.8812E-05	0	0	4.4277E-08	4.4277E-08	0.044276956
579205.014141596.41	579205.01	4141596	0.00399055	0.004291548	0.005060148	0.00060179	0.000601639	0.00173501	7.70577E-05	0	0	3.84725E-08	3.84725E-08	0.03847249
579225.014141596.41	579225.01	4141596	0.003514676	0.003757357	0.004430286	0.000526882	0.00052675	0.001519044	6.7466E-05	0	0	3.37295E-08	3.37295E-08	0.033729463
579245.014141596.41	579245.01	4141596	0.003119129	0.003315794	0.00390964	0.000464963	0.000464846	0.001340526	5.95374E-05	0	0	2.98041E-08	2.98041E-08	0.029804055
579265.014141596.41	579265.01	4141596	0.00278673	0.002950933	0.003479433	0.0004138	0.000413696	0.001193018	5.2986E-05	0	0	2.65483E-08	2.65483E-08	0.026548288
579285.014141596.41	579285.01	4141596	0.002499317	0.002628976	0.003099816	0.000368653	0.00036856	0.001062856	4.72051E-05	0	0	2.36883E-08	2.36883E-08	0.023688345
579305.014141596.41	579305.01	4141596	0.002262257	0.002370087	0.00279456	0.00033235	0.000332266	0.000958191	4.25566E-05	0	0	2.13755E-08	2.13755E-08	0.021375548
579325.014141596.41	579325.01	4141596	0.002055069	0.002145092	0.00252927	0.000300799	0.000300724	0.000867229	3.85166E-05	0	0	1.9363E-08	1.9363E-08	0.019362991
579345.014141596.41	579345.01	4141596	0.001875172	0.001955454	0.002305669	0.000274207	0.000274138	0.000790561	3.51115E-05	0	0	1.76551E-08	1.76551E-08	0.017655113
578385.014141616.41	578385.01	4141616	0.000315891	0.000281486	0.0003319	3.94719E-05	3.9462E-05	0.000113801	5.05428E-06	0	0	2.64249E-09	2.64249E-09	0.002642494
578405.014141616.41	578405.01	4141616	0.000344885	0.000306323	0.000361185	4.29548E-05	4.2944E-05	0.000123842	5.50025E-06	0	0	2.87812E-09	2.87812E-09	0.00287812
578425.014141616.41	578425.01	4141616	0.0003778	0.000334472	0.000394375	4.6902E-05	4.68902E-05	0.000135222	6.00568E-06	0	0	3.14528E-09	3.14528E-09	0.003145285
578445.014141616.41	578445.01	4141616	0.000415203	0.000366273	0.000431871	5.13613E-05	5.13484E-05	0.000148079	6.57669E-06	0	0	3.44759E-09	3.44759E-09	0.003447594
578465.014141616.41	578465.01	4141616	0.000458488	0.000402993	0.000475168	5.65104E-05	5.64962E-05	0.000162924	7.23602E-06	0	0	3.79687E-09	3.79687E-09	0.003796873
578485.014141616.41	578485.01	4141616	0.000509253	0.000445752	0.000525584	6.25064E-05	6.24906E-05	0.000180211	8.00378E-06	0	0	4.20439E-09	4.20439E-09	0.004204389

578505.014141616.41	578505.01	4141616	0.000570594	0.00049713	0.000586165	6.9711E-05	6.96935E-05	0.000200982	8.92632E-06	0	0	4.69481E-09	4.69481E-09	0.004694811
578525.014141616.41	578525.01	4141616	0.000648651	0.000561902	0.000662536	7.87937E-05	7.87738E-05	0.000227168	1.00893E-05	0	0	5.31466E-09	5.31466E-09	0.005314664
578545.014141616.41	578545.01	4141616	0.000729339	0.000628718	0.000741319	8.81631E-05	8.81409E-05	0.000254181	1.12891E-05	0	0	5.95446E-09	5.95446E-09	0.005954457
578565.014141616.41	578565.01	4141616	0.000836906	0.000716914	0.00084531	0.000100531	0.000100505	0.000289838	1.28727E-05	0	0	6.8013E-09	6.8013E-09	0.006801297
578585.014141616.41	578585.01	4141616	0.000965522	0.00082157	0.00096871	0.000115206	0.000115177	0.000332149	1.47519E-05	0	0	7.80833E-09	7.80833E-09	0.007808329
578605.014141616.41	578605.01	4141616	0.001125918	0.000950966	0.001121281	0.000133351	0.000133317	0.000384462	1.70753E-05	0	0	9.05644E-09	9.05644E-09	0.009056438
578625.014141616.41	578625.01	4141616	0.00132965	0.001113819	0.0013133	0.000156187	0.000156148	0.000450301	1.99994E-05	0	0	1.06314E-08	1.06314E-08	0.010631359
578645.014141616.41	578645.01	4141616	0.001588481	0.001318701	0.001554875	0.000184917	0.000184871	0.000533131	2.36782E-05	0	0	1.26183E-08	1.26183E-08	0.01261827
578665.014141616.41	578665.01	4141616	0.001938628	0.001592785	0.001878046	0.000223351	0.000223295	0.000643939	2.85996E-05	0	0	1.52849E-08	1.52849E-08	0.015284854
578685.014141616.41	578685.01	4141616	0.002426316	0.00197021	0.002323068	0.000276276	0.000276207	0.000796527	3.53765E-05	0	0	1.8969E-08	1.8969E-08	0.018968993
578705.014141616.41	578705.01	4141616	0.003120058	0.002501431	0.002949428	0.000350768	0.000350679	0.001011292	4.49149E-05	0	0	2.41705E-08	2.41705E-08	0.024170472
578725.014141616.41	578725.01	4141616	0.004137687	0.003275178	0.00386175	0.000459268	0.000459152	0.001324106	5.88081E-05	0	0	3.17624E-08	3.17624E-08	0.031762412
578745.014141616.41	578745.01	4141616	0.005789883	0.004531932	0.005343584	0.000635498	0.000635338	0.001832193	8.1374E-05	0	0	4.40921E-08	4.40921E-08	0.04409208
579065.014141616.41	579065.01	4141616	0.011951065	0.014184239	0.016724582	0.001989011	0.00198851	0.005734478	0.000254688	0	0	1.24435E-07	1.24435E-07	0.124434977
579085.014141616.41	579085.01	4141616	0.009580054	0.011138049	0.013132831	0.001561853	0.00156146	0.004502949	0.000199991	0	0	9.81415E-08	9.81415E-08	0.098141492
579105.014141616.41	579105.01	4141616	0.007855373	0.008985749	0.010595062	0.001260043	0.001259726	0.003632806	0.000161345	0	0	7.9455E-08	7.9455E-08	0.079455022
579125.014141616.41	579125.01	4141616	0.006561011	0.007410691	0.008737917	0.001039178	0.001038916	0.002996033	0.000133064	0	0	6.57093E-08	6.57093E-08	0.065709346
579165.014141616.41	579165.01	4141616	0.004779735	0.005281134	0.006226965	0.000740557	0.00074037	0.002135084	9.48264E-05	0	0	4.70558E-08	4.70558E-08	0.047055832
579185.014141616.41	579185.01	4141616	0.004150482	0.00455	0.005364887	0.000638032	0.000637871	0.001839498	8.16984E-05	0	0	4.06127E-08	4.06127E-08	0.040612677
579205.014141616.41	579205.01	4141616	0.003638494	0.003958001	0.004666864	0.000555018	0.000554878	0.001600162	7.10687E-05	0	0	3.53902E-08	3.53902E-08	0.035390209
579225.014141616.41	579225.01	4141616	0.003216688	0.003471926	0.004093735	0.000486857	0.000486735	0.001403648	6.23408E-05	0	0	3.1099E-08	3.1099E-08	0.031099031
579245.014141616.41	579245.01	4141616	0.002864064	0.003070783	0.003620749	0.000430606	0.000430498	0.001241472	5.5138E-05	0	0	2.75477E-08	2.75477E-08	0.027547721
579265.014141616.41	579265.01	4141616	0.002566592	0.002736409	0.003226489	0.000383718	0.000383621	0.00110629	4.91341E-05	0	0	2.45797E-08	2.45797E-08	0.02457972
579285.014141616.41	579285.01	4141616	0.002304201	0.002439874	0.002876846	0.000342136	0.00034205	0.000986405	4.38096E-05	0	0	2.19507E-08	2.19507E-08	0.021950713
579305.014141616.41	579305.01	4141616	0.002090099	0.002203045	0.002597602	0.000308926	0.000308848	0.000890659	3.95572E-05	0	0	1.98411E-08	1.98411E-08	0.019841061
579325.014141616.41	579325.01	4141616	0.001905713	0.002000307	0.002358554	0.000280497	0.000280426	0.000808695	3.59169E-05	0	0	1.80327E-08	1.80327E-08	0.018032658
579345.014141616.41	579345.01	4141616	0.001744079	0.00182825	0.002155682	0.00025637	0.000256305	0.000739134	3.28275E-05	0	0	1.64866E-08	1.64866E-08	0.016486598
578385.014141636.41	578385.01	4141636	0.000324713	0.00028811	0.000339709	4.04007E-05	4.03905E-05	0.000116478	5.17321E-06	0	0	2.70772E-09	2.70772E-09	0.002707724
578405.014141636.41	578405.01	4141636	0.000354945	0.000313872	0.000370085	4.40133E-05	4.40022E-05	0.000126894	5.63579E-06	0	0	2.95248E-09	2.95248E-09	0.002952477
578425.014141636.41	578425.01	4141636	0.000389665	0.000343238	0.000404711	4.81312E-05	4.81191E-05	0.000138766	6.16308E-06	0	0	3.23204E-09	3.23204E-09	0.003232037
578445.014141636.41	578445.01	4141636	0.000429855	0.000377085	0.000444619	5.28774E-05	5.28641E-05	0.00015245	6.77082E-06	0	0	3.55463E-09	3.55463E-09	0.003554626
578465.014141636.41	578465.01	4141636	0.000476544	0.000416142	0.000490672	5.83543E-05	5.83396E-05	0.00016824	7.47212E-06	0	0	3.92757E-09	3.92757E-09	0.003927568
578485.014141636.41	578485.01	4141636	0.000530147	0.000460751	0.00054327	6.46097E-05	6.45934E-05	0.000186275	8.27311E-06	0	0	4.35413E-09	4.35413E-09	0.00435413
578505.014141636.41	578505.01	4141636	0.000595049	0.000514273	0.000606377	7.21148E-05	7.20967E-05	0.000207913	9.23413E-06	0	0	4.86721E-09	4.86721E-09	0.004867207
578525.014141636.41	578525.01	4141636	0.000674189	0.000578947	0.000682634	8.11838E-05	8.11634E-05	0.00023406	1.03954E-05	0	0	5.48877E-09	5.48877E-09	0.005488768
578545.014141636.41	578545.01	4141636	0.000765556	0.000653019	0.000769973	9.15708E-05	9.15478E-05	0.000264006	1.17254E-05	0	0	6.20226E-09	6.20226E-09	0.006202256
578565.014141636.41	578565.01	4141636	0.000880449	0.00074516	0.000878615	0.000104491	0.000104465	0.000301257	1.33799E-05	0	0	7.0925E-09	7.0925E-09	0.007092502
578585.014141636.41	578585.01	4141636	0.001025213	0.0008598	0.001013787	0.000120567	0.000120537	0.000347604	1.54383E-05	0	0	8.20413E-09	8.20413E-09	0.008204126
578605.014141636.41	578605.01	4141636	0.001203201	0.000998985	0.001177899	0.000140084	0.000140049	0.000403875	1.79375E-05	0	0	9.55865E-09	9.55865E-09	0.009558655
578625.014141636.41	578625.01	4141636	0.001426693	0.001171139	0.001380886	0.000164225	0.000164184	0.000473474	2.10286E-05	0	0	1.12414E-08	1.12414E-08	0.01124139
578645.014141636.41	578645.01	4141636	0.00172107	0.001393894	0.001643535	0.000195461	0.000195412	0.000563531	2.50283E-05	0	0	1.34301E-08	1.34301E-08	0.01343014
578665.014141636.41	578665.01	4141636	0.002113366	0.001684682	0.001986402	0.000236238	0.000236178	0.000681092	3.02496E-05	0	0	1.6305E-08	1.6305E-08	0.016304992
578685.014141636.41	578685.01	4141636	0.00267096	0.002088308	0.002462316	0.000292837	0.000292763	0.000844272	3.7497E-05	0	0	2.03241E-08	2.03241E-08	0.020324144
578705.014141636.41	578705.01	4141636	0.00347944	0.002657417	0.00313335	0.000372641	0.000372547	0.001074355	4.77158E-05	0	0	2.60401E-08	2.60401E-08	0.02604009
578725.014141636.41	578725.01	4141636	0.004657258	0.003461358	0.004081274	0.000485375	0.000485253	0.001399376	6.21511E-05	0	0	3.41932E-08	3.41932E-08	0.034193178
579045.014141636.41	579045.01	4141636	0.012599046	0.015579886	0.018370184	0.002184718	0.002184168	0.006298718	0.000279748	0	0	1.35518E-07	1.35518E-07	0.135517925
579065.014141636.41	579065.01	4141636	0.010022291	0.012074697	0.01423723	0.001693196	0.00169277	0.004881622	0.00021681	0	0	1.05596E-07	1.05596E-07	0.105595684
579085.014141636.41	579085.01	4141636	0.008166724	0.009641398	0.011368136	0.001351983	0.001351642	0.003897875	0.000173118	0	0	8.46768E-08	8.46768E-08	0.084676848
579105.014141636.41	579105.01	4141636	0.006783471	0.007874413	0.00928469	0.001104204	0.001103926	0.003183509	0.000141391	0	0	6.94075E-08	6.94075E-08	0.069407542
579125.014141636.41	579125.01	4141636	0.005726581	0.006546313	0.007718733	0.000917969	0.000917738	0.002646578	0.000117544	0	0	5.7893E-08	5.7893E-08	0.057893001
579165.014141636.41	579165.01	4141636	0.004239734	0.004741147	0.005590269	0.000664836	0.000664669	0.001916776	8.51306E-05	0	0	4.21317E-08	4.21317E-08	0.042131708
579185.014141636.41	579185.01	4141636	0.003708555	0.004099962	0.00483425	0.000574925	0.00057478	0.001657554	7.36177E-05	0	0	3.65267E-08	3.65267E-08	0.036526655
579205.014141636.41	579205.01	4141636	0.003270239	0.003583157	0.004224887	0.000502455	0.000502328	0.001448617	6.43381E-05	0	0	3.19865E-08	3.19865E-08	0.031986521
579225.014141636.41	579225.01	4141636	0.002905698	0.003157372	0.003722846	0.000442748	0.000442637	0.001276479	5.66928E-05	0	0	2.82385E-08	2.82385E-08	0.028238478

579245.014141636.41	579245.01	4141636	0.002599094	0.002804881	0.003307225	0.00039332	0.00039322	0.001133972	5.03636E-05	0	0	2.5125E-08	2.5125E-08	0.025125028
579265.014141636.41	579265.01	4141636	0.002338818	0.002504986	0.002953619	0.000351266	0.000351178	0.001012729	4.49788E-05	0	0	2.24774E-08	2.24774E-08	0.022477418
579285.014141636.41	579285.01	4141636	0.002110993	0.002247996	0.002650603	0.000315229	0.00031515	0.000908831	4.03643E-05	0	0	2.01981E-08	2.01981E-08	0.020198068
579305.014141636.41	579305.01	4141636	0.001920004	0.0020343	0.002398635	0.000285263	0.000285192	0.000822437	3.65273E-05	0	0	1.82993E-08	1.82993E-08	0.018299316
579325.014141636.41	579325.01	4141636	0.001753778	0.001849629	0.00218089	0.000259368	0.000259302	0.000747778	3.32114E-05	0	0	1.66559E-08	1.66559E-08	0.016655873
579345.014141636.41	579345.01	4141636	0.001609685	0.001690428	0.001993178	0.000237043	0.000236984	0.000683415	3.03528E-05	0	0	1.52374E-08	1.52374E-08	0.015237352
578385.014141656.41	578385.01	4141656	0.000335392	0.00029595	0.000348954	4.15002E-05	4.14897E-05	0.000119648	5.31399E-06	0	0	2.78546E-09	2.78546E-09	0.002785464
578405.014141656.41	578405.01	4141656	0.00036743	0.000322882	0.000380708	4.52766E-05	4.52652E-05	0.000130536	5.79756E-06	0	0	3.04228E-09	3.04228E-09	0.003042275
578425.014141656.41	578425.01	4141656	0.00040344	0.000352978	0.000416195	4.9497E-05	4.94845E-05	0.000142704	6.33797E-06	0	0	3.32973E-09	3.32973E-09	0.003329726
578445.014141656.41	578445.01	4141656	0.000446003	0.000388286	0.000457826	5.44481E-05	5.44344E-05	0.000156978	6.97194E-06	0	0	3.66764E-09	3.66764E-09	0.003667643
578465.014141656.41	578465.01	4141656	0.000497387	0.000430606	0.000507726	6.03825E-05	6.03673E-05	0.000174088	7.73183E-06	0	0	4.07349E-09	4.07349E-09	0.004073488
578485.014141656.41	578485.01	4141656	0.000555736	0.000478235	0.000563885	6.70613E-05	6.70445E-05	0.000193343	8.58704E-06	0	0	4.53138E-09	4.53138E-09	0.00453138
578505.014141656.41	578505.01	4141656	0.000629047	0.000537503	0.000633767	7.53723E-05	7.53533E-05	0.000217304	9.65124E-06	0	0	5.10271E-09	5.10271E-09	0.005102715
578525.014141656.41	578525.01	4141656	0.000710818	0.000603004	0.000711	8.45574E-05	8.45361E-05	0.000243786	1.08274E-05	0	0	5.73579E-09	5.73579E-09	0.00573579
578545.014141656.41	578545.01	4141656	0.000811936	0.000682921	0.00080523	9.57639E-05	9.57398E-05	0.000276095	1.22623E-05	0	0	6.51116E-09	6.51116E-09	0.006511158
578565.014141656.41	578565.01	4141656	0.000938334	0.00078149	0.000921452	0.000109586	0.000109558	0.000315945	1.40322E-05	0	0	7.47119E-09	7.47119E-09	0.007471185
578585.014141656.41	578585.01	4141656	0.001096821	0.000903192	0.00106495	0.000126652	0.00012662	0.000365147	1.62174E-05	0	0	8.66185E-09	8.66185E-09	0.008661849
578605.014141656.41	578605.01	4141656	0.001298335	0.001055233	0.001244222	0.000147972	0.000147935	0.000426615	1.89474E-05	0	0	1.01571E-08	1.01571E-08	0.010157075
578625.014141656.41	578625.01	4141656	0.001563563	0.001251202	0.001475288	0.000175452	0.000175408	0.000505843	2.24662E-05	0	0	1.20964E-08	1.20964E-08	0.012096376
578645.014141656.41	578645.01	4141656	0.001904424	0.001497089	0.001765212	0.000209932	0.000209879	0.000605251	2.68813E-05	0	0	1.45474E-08	1.45474E-08	0.014547409
578665.014141656.41	578665.01	4141656	0.002367503	0.001822016	0.002148332	0.000255496	0.000255431	0.000736614	3.27156E-05	0	0	1.78141E-08	1.78141E-08	0.017814136
578685.014141656.41	578685.01	4141656	0.003052319	0.002288271	0.002698091	0.000320877	0.000320796	0.000925114	4.10875E-05	0	0	2.25464E-08	2.25464E-08	0.02254641
578705.014141656.41	578705.01	4141656	0.003998598	0.002910268	0.003431486	0.000408098	0.000407995	0.001176578	5.22559E-05	0	0	2.89313E-08	2.89313E-08	0.028931327
578725.014141656.41	578725.01	4141656	0.005468008	0.003844335	0.004532841	0.000539079	0.000538943	0.001554208	6.90277E-05	0	0	3.8626E-08	3.8626E-08	0.03862603
579005.014141656.41	579005.01	4141656	0.015832036	0.020886782	0.024627525	0.002928887	0.002928149	0.008444218	0.000375037	0	0	1.79351E-07	1.79351E-07	0.179351322
579025.014141656.41	579025.01	4141656	0.012360026	0.015798598	0.018628066	0.002215387	0.002214829	0.00638714	0.000283675	0	0	1.36506E-07	1.36506E-07	0.136505958
579045.014141656.41	579045.01	4141656	0.00990162	0.012307192	0.014511363	0.001725798	0.001725364	0.004975616	0.000220984	0	0	1.06939E-07	1.06939E-07	0.1069393
579065.014141656.41	579065.01	4141656	0.008103835	0.009846182	0.011609596	0.001380699	0.001380351	0.003980666	0.000176795	0	0	8.59557E-08	8.59557E-08	0.085955741
579085.014141656.41	579085.01	4141656	0.006746841	0.008038776	0.00947849	0.001127252	0.001126968	0.003249958	0.000144342	0	0	7.04644E-08	7.04644E-08	0.070464446
579105.014141656.41	579105.01	4141656	0.00570383	0.006681894	0.007878596	0.000936981	0.000936745	0.002701391	0.000119978	0	0	5.87812E-08	5.87812E-08	0.058781238
579125.014141656.41	579125.01	4141656	0.004883432	0.005640833	0.006651084	0.000790996	0.000790797	0.002280505	0.000101285	0	0	4.9773E-08	4.9773E-08	0.049773043
579145.014141656.41	579145.01	4141656	0.004229054	0.004819506	0.005682661	0.000675824	0.000675654	0.001948455	8.65376E-05	0	0	4.26505E-08	4.26505E-08	0.042650491
579185.014141656.41	579185.01	4141656	0.00326281	0.003630786	0.004281046	0.000509134	0.000509005	0.001467873	6.51933E-05	0	0	3.22998E-08	3.22998E-08	0.032299791
579205.014141656.41	579205.01	4141656	0.002898991	0.00319604	0.003768439	0.000448171	0.000448058	0.001292112	5.73871E-05	0	0	2.84913E-08	2.84913E-08	0.028491325
579225.014141656.41	579225.01	4141656	0.002593006	0.002834637	0.003342309	0.000397492	0.000397392	0.001146002	5.08979E-05	0	0	2.53176E-08	2.53176E-08	0.025317562
579245.014141656.41	579245.01	4141656	0.002332782	0.002533962	0.002987786	0.000355329	0.00035524	0.001024444	4.54991E-05	0	0	2.26647E-08	2.26647E-08	0.022664673
579265.014141656.41	579265.01	4141656	0.002108465	0.002268888	0.002675237	0.000318159	0.000318079	0.000917278	4.07395E-05	0	0	2.03371E-08	2.03371E-08	0.020337091
579285.014141656.41	579285.01	4141656	0.001914793	0.002048325	0.002415173	0.00028723	0.000287158	0.000828108	3.67791E-05	0	0	1.83849E-08	1.83849E-08	0.018384921
579305.014141656.41	579305.01	4141656	0.001750528	0.001862486	0.00219605	0.00026117	0.000261105	0.000752976	3.34422E-05	0	0	1.67377E-08	1.67377E-08	0.0167377
579325.014141656.41	579325.01	4141656	0.00160205	0.001696175	0.001999954	0.000237849	0.000237789	0.000685739	3.0456E-05	0	0	1.52603E-08	1.52603E-08	0.015260333
579345.014141656.41	579345.01	4141656	0.001473434	0.001552997	0.001831133	0.000217772	0.000217717	0.000627854	2.78851E-05	0	0	1.39867E-08	1.39867E-08	0.01398672
578385.014141676.41	578385.01	4141676	0.000348186	0.000305106	0.000359749	4.2784E-05	4.27733E-05	0.00012335	5.47839E-06	0	0	2.87695E-09	2.87695E-09	0.002876954
578405.014141676.41	578405.01	4141676	0.000381617	0.000332816	0.000392422	4.66698E-05	4.6658E-05	0.000134553	5.97595E-06	0	0	3.14222E-09	3.14222E-09	0.00314222
578425.014141676.41	578425.01	4141676	0.000420207	0.000364569	0.000429862	5.11223E-05	5.11094E-05	0.00014739	6.54609E-06	0	0	3.4468E-09	3.4468E-09	0.003446801
578445.014141676.41	578445.01	4141676	0.000466175	0.000402117	0.000474134	5.63875E-05	5.63733E-05	0.00016257	7.22028E-06	0	0	3.80771E-09	3.80771E-09	0.003807708
578465.014141676.41	578465.01	4141676	0.000522151	0.000447359	0.000527479	6.27317E-05	6.27159E-05	0.000180861	8.03264E-06	0	0	4.24387E-09	4.24387E-09	0.004243868
578485.014141676.41	578485.01	4141676	0.000586278	0.000498689	0.000588002	6.99295E-05	6.99119E-05	0.000201613	8.9543E-06	0	0	4.74008E-09	4.74008E-09	0.004740078
578505.014141676.41	578505.01	4141676	0.000667637	0.00056307	0.000663914	7.89576E-05	7.89377E-05	0.000227641	1.01103E-05	0	0	5.36449E-09	5.36449E-09	0.005364494
578525.014141676.41	578525.01	4141676	0.000759468	0.000634806	0.000748497	8.90168E-05	8.89943E-05	0.000256643	1.13984E-05	0	0	6.06283E-09	6.06283E-09	0.006062827
578545.014141676.41	578545.01	4141676	0.000873381	0.000722514	0.000851914	0.000101316	0.00010129	0.000292102	1.29732E-05	0	0	6.92025E-09	6.92025E-09	0.006920248
578565.014141676.41	578565.01	4141676	0.00101572	0.000830385	0.000979104	0.000116442	0.000116413	0.000335712	1.49101E-05	0	0	7.9797E-09	7.9797E-09	0.007979695
578585.014141676.41	578585.01	4141676	0.001196443	0.000964846	0.001137646	0.000135297	0.000135263	0.000390073	1.73245E-05	0	0	9.30755E-09	9.30755E-09	0.009307546
578605.014141676.41	578605.01	4141676	0.001426796	0.001132813	0.001335695	0.000158851	0.000158811	0.000457979	2.03404E-05	0	0	1.09764E-08	1.09764E-08	0.010976384
578625.014141676.41	578625.01	4141676	0.00173371	0.001351865	0.001593979	0.000189568	0.00018952	0.000546539	2.42737E-05	0	0	1.31671E-08	1.31671E-08	0.013167083

578645.014141676.41	578645.01	4141676	0.002152782	0.001643628	0.001937995	0.000230481	0.000230423	0.000664494	2.95125E-05	0	0	1.61075E-08	1.61075E-08	0.016107545
578665.014141676.41	578665.01	4141676	0.002730031	0.002035371	0.002399898	0.000285414	0.000285342	0.00082287	3.65465E-05	0	0	2.00877E-08	2.00877E-08	0.020087681
578685.014141676.41	578685.01	4141676	0.003524272	0.002560991	0.003019655	0.00035912	0.000359029	0.001035371	4.59844E-05	0	0	2.54714E-08	2.54714E-08	0.025471363
578705.014141676.41	578705.01	4141676	0.004705547	0.003328163	0.003924225	0.000466698	0.00046658	0.001345527	5.97595E-05	0	0	3.33776E-08	3.33776E-08	0.033377602
578985.014141676.41	578985.01	4141676	0.013872256	0.018518594	0.021835204	0.002596803	0.00259615	0.007486794	0.000332514	0	0	1.58654E-07	1.58654E-07	0.158653952
579005.014141676.41	579005.01	4141676	0.011098217	0.014399298	0.016978158	0.002019168	0.002018659	0.005821424	0.000258549	0	0	1.24048E-07	1.24048E-07	0.124048155
579025.014141676.41	579025.01	4141676	0.009084989	0.011501985	0.013561946	0.001612887	0.001612481	0.004650083	0.000206526	0	0	9.95716E-08	9.95716E-08	0.099571566
579045.014141676.41	579045.01	4141676	0.007554289	0.009373548	0.011052314	0.001314423	0.001314092	0.003789587	0.000168309	0	0	8.14767E-08	8.14767E-08	0.081476729
579065.014141676.41	579065.01	4141676	0.006370744	0.007744384	0.009131374	0.00108597	0.001085697	0.00313094	0.000139056	0	0	6.76003E-08	6.76003E-08	0.06760027
579085.014141676.41	579085.01	4141676	0.005438756	0.006500097	0.007664239	0.000911488	0.000911258	0.002627893	0.000116714	0	0	5.69403E-08	5.69403E-08	0.056940349
579105.014141676.41	579105.01	4141676	0.004692649	0.005516258	0.006504199	0.000773527	0.000773332	0.002230142	9.90482E-05	0	0	4.84915E-08	4.84915E-08	0.048491489
579125.014141676.41	579125.01	4141676	0.004088005	0.004731651	0.005579072	0.000663504	0.000663337	0.001912937	8.49601E-05	0	0	4.17324E-08	4.17324E-08	0.041732394
579145.014141676.41	579145.01	4141676	0.003591134	0.004102933	0.004837753	0.000575341	0.000575196	0.001658755	7.3671E-05	0	0	3.6289E-08	3.6289E-08	0.036289049
579165.014141676.41	579165.01	4141676	0.003176963	0.003593092	0.004236601	0.000503848	0.000503721	0.001452634	6.45165E-05	0	0	3.18502E-08	3.18502E-08	0.031850193
579185.014141676.41	579185.01	4141676	0.002831046	0.003168232	0.003735651	0.000444271	0.000444159	0.00128087	5.68878E-05	0	0	2.81495E-08	2.81495E-08	0.028149501
579205.014141676.41	579205.01	4141676	0.002538991	0.00281316	0.003316986	0.00039448	0.000394381	0.001137319	5.05122E-05	0	0	2.50502E-08	2.50502E-08	0.025050176
579225.014141676.41	579225.01	4141676	0.002289085	0.002513606	0.002963783	0.000352475	0.000352386	0.001016214	4.51335E-05	0	0	2.24277E-08	2.24277E-08	0.022427725
579245.014141676.41	579245.01	4141676	0.002073538	0.00226168	0.002666739	0.000317148	0.000317068	0.000914364	4.061E-05	0	0	2.02104E-08	2.02104E-08	0.020210421
579265.014141676.41	579265.01	4141676	0.001887347	0.002044381	0.002410521	0.000286677	0.000286605	0.000826513	3.67083E-05	0	0	1.82973E-08	1.82973E-08	0.018297279
579285.014141676.41	579285.01	4141676	0.001725403	0.001853184	0.002185082	0.000259866	0.000259801	0.000749215	3.32752E-05	0	0	1.66181E-08	1.66181E-08	0.01661809
579305.014141676.41	579305.01	4141676	0.001579453	0.001685802	0.001987723	0.000236395	0.000236335	0.000681545	3.02697E-05	0	0	1.51389E-08	1.51389E-08	0.015138866
579325.014141676.41	579325.01	4141676	0.001456357	0.00154652	0.001823495	0.000216864	0.000216809	0.000625235	2.77688E-05	0	0	1.39044E-08	1.39044E-08	0.013904351
579345.014141676.41	579345.01	4141676	0.001346778	0.001425403	0.001680687	0.00019988	0.000199829	0.000576269	2.55941E-05	0	0	1.28253E-08	1.28253E-08	0.012825263
578385.014141696.41	578385.01	4141696	0.00036289	0.000315382	0.000371865	4.4225E-05	4.42138E-05	0.000127504	5.6629E-06	0	0	2.98039E-09	2.98039E-09	0.002980392
578405.014141696.41	578405.01	4141696	0.000398849	0.000344797	0.000406548	4.83497E-05	4.83375E-05	0.000139396	6.19106E-06	0	0	3.26301E-09	3.26301E-09	0.003263012
578425.014141696.41	578425.01	4141696	0.00044203	0.000379715	0.00044772	5.32462E-05	5.32327E-05	0.000153513	6.81804E-06	0	0	3.59959E-09	3.59959E-09	0.003599594
578445.014141696.41	578445.01	4141696	0.000494188	0.000421548	0.000497045	5.91123E-05	5.90974E-05	0.000170426	7.56918E-06	0	0	4.00377E-09	4.00377E-09	0.00400377
578465.014141696.41	578465.01	4141696	0.000554034	0.00046903	0.000553032	6.57706E-05	6.57541E-05	0.000189622	8.42177E-06	0	0	4.46394E-09	4.46394E-09	0.004463941
578485.014141696.41	578485.01	4141696	0.000624301	0.000524159	0.000618034	7.35011E-05	7.34826E-05	0.00021191	9.41164E-06	0	0	4.99994E-09	4.99994E-09	0.004999936
578505.014141696.41	578505.01	4141696	0.00071443	0.000594044	0.000700434	8.33008E-05	8.32799E-05	0.000240163	1.06665E-05	0	0	5.68172E-09	5.68172E-09	0.005681718
578525.014141696.41	578525.01	4141696	0.000822254	0.000676395	0.000797535	9.48488E-05	9.48249E-05	0.000273457	1.21451E-05	0	0	6.48868E-09	6.48868E-09	0.006488684
578565.014141696.41	578565.01	4141696	0.001116374	0.000895643	0.001056049	0.000125593	0.000125562	0.000362095	1.60819E-05	0	0	8.6526E-09	8.6526E-09	0.0086526
578585.014141696.41	578585.01	4141696	0.001326503	0.001048513	0.001236297	0.00014703	0.000146993	0.000423898	1.88268E-05	0	0	1.01725E-08	1.01725E-08	0.010172498
578605.014141696.41	578605.01	4141696	0.001599264	0.001243313	0.001465986	0.000174346	0.000174302	0.000502653	2.23245E-05	0	0	1.21203E-08	1.21203E-08	0.012120272
578625.014141696.41	578625.01	4141696	0.001958955	0.001495579	0.001763432	0.00020972	0.000209668	0.000604641	2.68542E-05	0	0	1.46569E-08	1.46569E-08	0.014656856
578645.014141696.41	578645.01	4141696	0.002464132	0.001844662	0.002175033	0.000258671	0.000258606	0.000745769	3.31222E-05	0	0	1.81833E-08	1.81833E-08	0.018183303
578665.014141696.41	578665.01	4141696	0.00315514	0.002316224	0.002731051	0.000324797	0.000324715	0.000936415	4.15894E-05	0	0	2.29659E-08	2.29659E-08	0.022965923
578685.014141696.41	578685.01	4141696	0.004120765	0.002972604	0.003504986	0.000416839	0.000416734	0.00120178	5.33752E-05	0	0	2.96313E-08	2.96313E-08	0.029631311
578945.014141696.41	578945.01	4141696	0.015473996	0.021061761	0.024833842	0.002953424	0.00295268	0.008514959	0.000378179	0	0	1.79775E-07	1.79775E-07	0.179775032
578965.014141696.41	578965.01	4141696	0.011802226	0.015672172	0.018478999	0.002197659	0.002197105	0.006336028	0.000281405	0	0	1.34405E-07	1.34405E-07	0.134404663
578985.014141696.41	578985.01	4141696	0.009477646	0.012280601	0.01448001	0.00172207	0.001721636	0.004964866	0.000220507	0	0	1.05823E-07	1.05823E-07	0.105823128
579005.014141696.41	579005.01	4141696	0.00783809	0.009969831	0.01175539	0.001398038	0.001397686	0.004030656	0.000179015	0	0	8.62272E-08	8.62272E-08	0.086227158
579025.014141696.41	579025.01	4141696	0.006629627	0.00827989	0.009762787	0.001161063	0.00116077	0.003347437	0.000148671	0	0	7.18753E-08	7.18753E-08	0.071875314
579045.014141696.41	579045.01	4141696	0.005691551	0.006987877	0.008239379	0.000979888	0.000979641	0.002825095	0.000125472	0	0	6.08717E-08	6.08717E-08	0.06087173
579065.014141696.41	579065.01	4141696	0.004937654	0.005971263	0.007040693	0.000837331	0.00083712	0.002414093	0.000107218	0	0	5.21789E-08	5.21789E-08	0.052178928
579085.014141696.41	579085.01	4141696	0.004318461	0.005144481	0.006065839	0.000721394	0.000721213	0.002079838	9.23727E-05	0	0	4.5096E-08	4.5096E-08	0.045095988
579105.014141696.41	579105.01	4141696	0.003804359	0.004468086	0.005268303	0.000626545	0.000626388	0.001806381	8.02276E-05	0	0	3.92848E-08	3.92848E-08	0.039284816
579125.014141696.41	579125.01	4141696	0.003374246	0.003903165	0.004602207	0.000547328	0.000547191	0.001577992	7.0084E-05	0	0	3.44297E-08	3.44297E-08	0.034429743
579145.014141696.41	579145.01	4141696	0.003009396	0.003441196	0.004057501	0.000482548	0.000482426	0.001391225	6.17891E-05	0	0	3.04306E-08	3.04306E-08	0.030430614
579165.014141696.41	579165.01	4141696	0.002698252	0.003055005	0.003602144	0.000428394	0.000428286	0.001235093	5.48547E-05	0	0	2.7074E-08	2.7074E-08	0.027073966
579185.014141696.41	579185.01	4141696	0.002430598	0.002725889	0.003214086	0.000382243	0.000382147	0.001102037	4.89452E-05	0	0	2.42079E-08	2.42079E-08	0.024207925
579205.014141696.41	579205.01	4141696	0.002201948	0.002445669	0.002883679	0.000342948	0.000342862	0.000988748	4.39137E-05	0	0	2.1766E-08	2.1766E-08	0.021766002
579225.014141696.41	579225.01	4141696	0.002002549	0.002205627	0.002600646	0.000309288	0.00030921	0.000891702	3.96036E-05	0	0	1.96664E-08	1.96664E-08	0.019666434
579245.014141696.41	579245.01	4141696	0.001828688	0.001995583	0.002352984	0.000279834	0.000279764	0.000806785	3.58321E-05	0	0	1.78306E-08	1.78306E-08	0.017830617

579265.014141696.41	579265.01	4141696	0.001675618	0.001819143	0.002144944	0.000255093	0.000255028	0.000735453	3.2664E-05	0	0	1.62731E-08	1.62731E-08	0.016273055
579285.014141696.41	579285.01	4141696	0.001540966	0.001662475	0.001960217	0.000233124	0.000233065	0.000672114	2.98509E-05	0	0	1.48928E-08	1.48928E-08	0.014892816
579305.014141696.41	579305.01	4141696	0.001420553	0.001519442	0.001791569	0.000213067	0.000213013	0.000614288	2.72826E-05	0	0	1.36382E-08	1.36382E-08	0.013638249
579325.014141696.41	579325.01	4141696	0.001315824	0.001401686	0.001652722	0.000196554	0.000196504	0.000566681	2.51682E-05	0	0	1.25931E-08	1.25931E-08	0.012593077
579345.014141696.41	579345.01	4141696	0.001220948	0.001296445	0.001528633	0.000181796	0.000181751	0.000524133	2.32786E-05	0	0	1.16562E-08	1.16562E-08	0.011656184
578385.014141716.41	578385.01	4141716	0.000380895	0.000328092	0.000386853	4.60074E-05	4.59958E-05	0.000132643	5.89113E-06	0	0	3.10794E-09	3.10794E-09	0.003107941
578405.014141716.41	578405.01	4141716	0.000421187	0.000360527	0.000425096	5.05555E-05	5.05428E-05	0.000145756	6.47351E-06	0	0	3.42098E-09	3.42098E-09	0.003420983
578425.014141716.41	578425.01	4141716	0.000469889	0.000399341	0.000470861	5.59983E-05	5.59842E-05	0.000161448	7.17044E-06	0	0	3.79666E-09	3.79666E-09	0.003796664
578445.014141716.41	578445.01	4141716	0.000527155	0.000444486	0.000524091	6.23288E-05	6.23131E-05	0.000179699	7.98105E-06	0	0	4.23499E-09	4.23499E-09	0.004234987
578465.014141716.41	578465.01	4141716	0.000592366	0.000495328	0.00058404	6.94583E-05	6.94408E-05	0.000200254	8.89397E-06	0	0	4.73021E-09	4.73021E-09	0.004730209
578485.014141716.41	578485.01	4141716	0.000671764	0.000556593	0.000656277	7.80493E-05	7.80296E-05	0.000225022	9.99402E-06	0	0	5.32875E-09	5.32875E-09	0.005328745
578505.014141716.41	578505.01	4141716	0.000775358	0.000635487	0.000749301	8.91124E-05	8.90899E-05	0.000256918	1.14106E-05	0	0	6.10248E-09	6.10248E-09	0.006102481
578525.014141716.41	578525.01	4141716	0.000903355	0.000731524	0.000862537	0.000102579	0.000102553	0.000295744	1.3135E-05	0	0	7.0485E-09	7.0485E-09	0.007048499
578605.014141716.41	578605.01	4141716	0.001809187	0.001387952	0.001636529	0.000194628	0.000194579	0.000561129	2.49216E-05	0	0	1.35828E-08	1.35828E-08	0.01358276
578625.014141716.41	578625.01	4141716	0.002244871	0.001697149	0.002001102	0.000237986	0.000237926	0.000686132	3.04735E-05	0	0	1.66804E-08	1.66804E-08	0.0166804
578645.014141716.41	578645.01	4141716	0.002842087	0.00212084	0.002500674	0.000297399	0.000297324	0.000857424	3.80811E-05	0	0	2.09255E-08	2.09255E-08	0.020925516
578665.014141716.41	578665.01	4141716	0.00364355	0.002693747	0.003176187	0.000377736	0.000377641	0.001089042	4.83681E-05	0	0	2.66523E-08	2.66523E-08	0.026652324
578685.014141716.41	578685.01	4141716	0.004793871	0.003535236	0.004168383	0.000495735	0.00049561	0.001429244	6.34776E-05	0	0	3.50048E-08	3.50048E-08	0.035004796
578905.014141716.41	578905.01	4141716	0.018322428	0.02488238	0.029338719	0.003489177	0.003488298	0.010059579	0.00044678	0	0	2.12477E-07	2.12477E-07	0.212477459
578925.014141716.41	578925.01	4141716	0.013348351	0.017620565	0.020776341	0.002470876	0.002470254	0.007123734	0.000316389	0	0	1.51287E-07	1.51287E-07	0.151287458
578945.014141716.41	578945.01	4141716	0.010191612	0.013183355	0.015544443	0.00184866	0.001848194	0.005329836	0.000236716	0	0	1.1364E-07	1.1364E-07	0.113640186
578965.014141716.41	578965.01	4141716	0.008107652	0.010345212	0.012198	0.001450676	0.001450311	0.004182416	0.000185755	0	0	8.94176E-08	8.94176E-08	0.089417564
578985.014141716.41	578985.01	4141716	0.006679928	0.008405634	0.00991105	0.001178695	0.001178398	0.003398274	0.000150929	0	0	7.28561E-08	7.28561E-08	0.072856089
579005.014141716.41	579005.01	4141716	0.005664001	0.007021334	0.008278828	0.000984579	0.000984331	0.002838622	0.000126073	0	0	6.10427E-08	6.10427E-08	0.061042691
579025.014141716.41	579025.01	4141716	0.004905977	0.006007934	0.007083932	0.000842473	0.000842261	0.002428919	0.000107877	0	0	5.23631E-08	5.23631E-08	0.052363058
579045.014141716.41	579045.01	4141716	0.004310671	0.005212369	0.006145885	0.000730914	0.00073073	0.002107284	9.35917E-05	0	0	4.55487E-08	4.55487E-08	0.045548664
579065.014141716.41	579065.01	4141716	0.003823912	0.004561688	0.005378669	0.000639671	0.00063951	0.001844223	8.19083E-05	0	0	3.99756E-08	3.99756E-08	0.039975556
579085.014141716.41	579085.01	4141716	0.003414951	0.004027302	0.004748576	0.000564736	0.000564593	0.001628179	7.2313E-05	0	0	3.53783E-08	3.53783E-08	0.035378299
579105.014141716.41	579105.01	4141716	0.003063618	0.003580089	0.004221269	0.000502024	0.000501898	0.001447377	6.4283E-05	0	0	3.1511E-08	3.1511E-08	0.031511005
579125.014141716.41	579125.01	4141716	0.002763514	0.00319005	0.003761376	0.000447331	0.000447218	0.00128969	5.72796E-05	0	0	2.8152E-08	2.8152E-08	0.028152006
579145.014141716.41	579145.01	4141716	0.002502155	0.00285324	0.003364245	0.000400101	0.0004	0.001153523	5.12319E-05	0	0	2.52466E-08	2.52466E-08	0.025246554
579165.014141716.41	579165.01	4141716	0.00227273	0.002570244	0.003030565	0.000360417	0.000360326	0.001039112	4.61505E-05	0	0	2.27837E-08	2.27837E-08	0.02278372
579185.014141716.41	579185.01	4141716	0.002071423	0.002321922	0.00273777	0.000325596	0.000325514	0.000938719	4.16917E-05	0	0	2.06227E-08	2.06227E-08	0.020622662
579205.014141716.41	579205.01	4141716	0.001895653	0.002105986	0.00248316	0.000295316	0.000295241	0.000851419	3.78144E-05	0	0	1.87419E-08	1.87419E-08	0.018741869
579225.014141716.41	579225.01	4141716	0.0017399	0.001917468	0.002260879	0.00026888	0.000268813	0.000775204	3.44295E-05	0	0	1.70948E-08	1.70948E-08	0.017094828
579245.014141716.41	579245.01	4141716	0.001600141	0.001744437	0.002056859	0.000244617	0.000244555	0.00070525	3.13226E-05	0	0	1.55901E-08	1.55901E-08	0.015590122
579265.014141716.41	579265.01	4141716	0.001478645	0.001603353	0.001890507	0.000224833	0.000224776	0.000648212	2.87893E-05	0	0	1.43467E-08	1.43467E-08	0.014346653
579285.014141716.41	579285.01	4141716	0.001368704	0.001475856	0.001740176	0.000206955	0.000206902	0.000596667	2.65E-05	0	0	1.32226E-08	1.32226E-08	0.013222621
579305.014141716.41	579305.01	4141716	0.001267844	0.001357709	0.00160087	0.000190387	0.000190339	0.000548902	2.43786E-05	0	0	1.21833E-08	1.21833E-08	0.01218326
579325.014141716.41	579325.01	4141716	0.001180759	0.001257972	0.00148327	0.000176401	0.000176357	0.000508579	2.25878E-05	0	0	1.13016E-08	1.13016E-08	0.011301578
579345.014141716.41	579345.01	4141716	0.001102032	0.001170019	0.001379565	0.000164068	0.000164027	0.000473022	2.10085E-05	0	0	1.05198E-08	1.05198E-08	0.01051983
578385.014141736.41	578385.01	4141736	0.000402976	0.000343823	0.0004054	4.82131E-05	4.8201E-05	0.000139002	6.17357E-06	0	0	3.26535E-09	3.26535E-09	0.003265346
578405.014141736.41	578405.01	4141736	0.000449253	0.000380542	0.000448696	5.33622E-05	5.33488E-05	0.000153848	6.8329E-06	0	0	3.6212E-09	3.6212E-09	0.003621204
578425.014141736.41	578425.01	4141736	0.00050332	0.000423106	0.000498883	5.93308E-05	5.93159E-05	0.000171056	7.59717E-06	0	0	4.03463E-09	4.03463E-09	0.004034631
578445.014141736.41	578445.01	4141736	0.000565126	0.000471173	0.000555559	6.60711E-05	6.60545E-05	0.000190488	8.46024E-06	0	0	4.50316E-09	4.50316E-09	0.004503157
578465.014141736.41	578465.01	4141736	0.000638798	0.000527909	0.000622455	7.4027E-05	7.40083E-05	0.000213426	9.47897E-06	0	0	5.05776E-09	5.05776E-09	0.00505776
578485.014141736.41	578485.01	4141736	0.000730578	0.000597842	0.000704913	8.38335E-05	8.38124E-05	0.000241699	1.07347E-05	0	0	5.74351E-09	5.74351E-09	0.005743509
578505.014141736.41	578505.01	4141736	0.000861928	0.000698992	0.000824179	9.80175E-05	9.79928E-05	0.000282592	1.25509E-05	0	0	6.73229E-09	6.73229E-09	0.006732287
578625.014141736.41	578625.01	4141736	0.002568243	0.001952776	0.00230251	0.000273832	0.000273763	0.000789478	3.50634E-05	0	0	1.91604E-08	1.91604E-08	0.019160384
578645.014141736.41	578645.01	4141736	0.003234796	0.002451562	0.002890627	0.000343775	0.000343688	0.00099113	4.40195E-05	0	0	2.40776E-08	2.40776E-08	0.024077632
578665.014141736.41	578665.01	4141736	0.004151668	0.003156398	0.003721697	0.000442612	0.0004425	0.001276085	5.66753E-05	0	0	3.09712E-08	3.09712E-08	0.030971163
578865.014141736.41	578865.01	4141736	0.022023915	0.029353096	0.034610123	0.004116091	0.004115055	0.011867023	0.000527055	0	0	2.51554E-07	2.51554E-07	0.251554296
578885.014141736.41	578885.01	4141736	0.016465984	0.022076914	0.026030806	0.003095775	0.003094996	0.008925371	0.000396406	0	0	1.88981E-07	1.88981E-07	0.188981198
578905.014141736.41	578905.01	4141736	0.01212926	0.015893758	0.018740269	0.002228731	0.00222817	0.006425612	0.000285383	0	0	1.36657E-07	1.36657E-07	0.136657124

578925.014141736.41	578925.01	4141736	0.00914664	0.011644773	0.013730308	0.001632909	0.001632498	0.00470781	0.00020909	0	0	1.00695E-07	1.00695E-07	0.100695252
578945.014141736.41	578945.01	4141736	0.007190987	0.008995976	0.010607121	0.001261477	0.001261159	0.00363694	0.000161529	0	0	7.80651E-08	7.80651E-08	0.078065056
578965.014141736.41	578965.01	4141736	0.005861749	0.007226264	0.00852046	0.001013316	0.001013061	0.002921472	0.000129753	0	0	6.28956E-08	6.28956E-08	0.062895638
578985.014141736.41	578985.01	4141736	0.004921094	0.006009931	0.007086286	0.000842753	0.000842541	0.002429726	0.000107912	0	0	5.24101E-08	5.24101E-08	0.05241011
579005.014141736.41	579005.01	4141736	0.004237773	0.005122031	0.006039367	0.000718246	0.000718065	0.002070761	9.19696E-05	0	0	4.47632E-08	4.47632E-08	0.044763219
579025.014141736.41	579025.01	4141736	0.003724393	0.004454694	0.005252512	0.000624667	0.00062451	0.001800967	7.99871E-05	0	0	3.90163E-08	3.90163E-08	0.039016321
579045.014141736.41	579045.01	4141736	0.003321623	0.00393185	0.004636029	0.000551351	0.000551212	0.001589589	7.05991E-05	0	0	3.45125E-08	3.45125E-08	0.034512549
579065.014141736.41	579065.01	4141736	0.002992371	0.003513224	0.004142429	0.000492648	0.000492524	0.001420344	6.30824E-05	0	0	3.08916E-08	3.08916E-08	0.030891633
579085.014141736.41	579085.01	4141736	0.002713832	0.003164239	0.003730942	0.000443711	0.000443599	0.001279255	5.68161E-05	0	0	2.78642E-08	2.78642E-08	0.027864154
579105.014141736.41	579105.01	4141736	0.002471355	0.002861471	0.003373949	0.000401255	0.000401154	0.00115685	5.13797E-05	0	0	2.52358E-08	2.52358E-08	0.025235793
579125.014141736.41	579125.01	4141736	0.002261174	0.002592792	0.003057151	0.000363579	0.000363487	0.001048228	4.65554E-05	0	0	2.29144E-08	2.29144E-08	0.022914352
579145.014141736.41	579145.01	4141736	0.002074467	0.002356938	0.002779056	0.000330506	0.000330423	0.000952875	4.23205E-05	0	0	2.08717E-08	2.08717E-08	0.020871671
579165.014141736.41	579165.01	4141736	0.001907467	0.002149086	0.002533979	0.000301359	0.000301284	0.000868844	3.85883E-05	0	0	1.90661E-08	1.90661E-08	0.019066106
579185.014141736.41	579185.01	4141736	0.001757699	0.001965097	0.002317038	0.000275559	0.00027549	0.00079446	3.52847E-05	0	0	1.74636E-08	1.74636E-08	0.017463565
579205.014141736.41	579205.01	4141736	0.001624595	0.001801708	0.002124387	0.000252648	0.000252584	0.000728404	3.23509E-05	0	0	1.60402E-08	1.60402E-08	0.016040221
579225.014141736.41	579225.01	4141736	0.001504749	0.001656338	0.001952982	0.000232263	0.000232205	0.000669633	2.97407E-05	0	0	1.47707E-08	1.47707E-08	0.014770725
579245.014141736.41	579245.01	4141736	0.001396564	0.001524556	0.001797598	0.000213784	0.00021373	0.000616355	2.73745E-05	0	0	1.36209E-08	1.36209E-08	0.013620892
579265.014141736.41	579265.01	4141736	0.001298696	0.001405825	0.001657603	0.000197134	0.000197085	0.000568354	2.52426E-05	0	0	1.25841E-08	1.25841E-08	0.012584065
579285.014141736.41	579285.01	4141736	0.001210217	0.001303117	0.0015365	0.000182732	0.000182686	0.000526831	2.33984E-05	0	0	1.16788E-08	1.16788E-08	0.011678762
579305.014141736.41	579305.01	4141736	0.001129994	0.001213022	0.001430269	0.000170098	0.000170055	0.000490407	2.17806E-05	0	0	1.08789E-08	1.08789E-08	0.010878896
579325.014141736.41	579325.01	4141736	0.001057096	0.001129501	0.00133179	0.000158386	0.000158346	0.000456641	2.0281E-05	0	0	1.01406E-08	1.01406E-08	0.010140634
579345.014141736.41	579345.01	4141736	0.000990441	0.001053967	0.001242729	0.000147794	0.000147757	0.000426103	1.89247E-05	0	0	9.47137E-09	9.47137E-09	0.009471367
578385.014141756.41	578385.01	4141756	0.00043166	0.000364764	0.000430091	5.11496E-05	5.11368E-05	0.000147469	6.54958E-06	0	0	3.47333E-09	3.47333E-09	0.00347333
578405.014141756.41	578405.01	4141756	0.000482838	0.000404941	0.000477465	5.67836E-05	5.67693E-05	0.000163712	7.271E-06	0	0	3.86389E-09	3.86389E-09	0.003863892
578425.014141756.41	578425.01	4141756	0.000542529	0.000451401	0.000532245	6.32985E-05	6.32826E-05	0.000182495	8.10522E-06	0	0	4.31665E-09	4.31665E-09	0.004316645
578445.014141756.41	578445.01	4141756	0.000613312	0.000506043	0.000596673	7.09607E-05	7.09429E-05	0.000204586	9.08634E-06	0	0	4.8504E-09	4.8504E-09	0.004850405
578465.014141756.41	578465.01	4141756	0.000697869	0.000570814	0.000673044	8.00434E-05	8.00232E-05	0.000230772	1.02494E-05	0	0	5.48455E-09	5.48455E-09	0.00548455
578485.014141756.41	578485.01	4141756	0.000812504	0.000657889	0.000775715	9.22537E-05	9.22305E-05	0.000265975	1.18129E-05	0	0	6.33918E-09	6.33918E-09	0.006339178
578845.014141756.41	578845.01	4141756	0.018540658	0.023536943	0.02775232	0.00330051	0.003299679	0.009515638	0.000422622	0	0	2.03646E-07	2.03646E-07	0.203646452
578865.014141756.41	578865.01	4141756	0.014755645	0.019204438	0.022643879	0.002692977	0.002692299	0.007764071	0.000344829	0	0	1.65342E-07	1.65342E-07	0.165342431
578885.014141756.41	578885.01	4141756	0.011313919	0.014671191	0.017298745	0.002057294	0.002056776	0.005931346	0.000263431	0	0	1.26404E-07	1.26404E-07	0.126403977
578905.014141756.41	578905.01	4141756	0.008631867	0.010968475	0.012932887	0.001538074	0.001537687	0.004434393	0.000196947	0	0	9.48833E-08	9.48833E-08	0.09488328
578925.014141756.41	578925.01	4141756	0.006726721	0.008343103	0.009837321	0.001169927	0.001169632	0.003372993	0.000149806	0	0	7.25262E-08	7.25262E-08	0.072526237
578945.014141756.41	578945.01	4141756	0.005408472	0.006579381	0.007757723	0.000922606	0.000922373	0.002659946	0.000118137	0	0	5.74224E-08	5.74224E-08	0.057422433
578965.014141756.41	578965.01	4141756	0.004473543	0.005383891	0.006348125	0.000754966	0.000754776	0.002176628	9.66715E-05	0	0	4.70937E-08	4.70937E-08	0.047093739
578985.014141756.41	578985.01	4141756	0.003795485	0.004512939	0.005321189	0.000632835	0.000632676	0.001824515	8.10329E-05	0	0	3.95757E-08	3.95757E-08	0.039575701
579005.014141756.41	579005.01	4141756	0.003294693	0.003879594	0.004574415	0.000544023	0.000543886	0.001568463	6.96608E-05	0	0	3.40917E-08	3.40917E-08	0.034091718
579025.014141756.41	579025.01	4141756	0.0029171	0.003409639	0.004020292	0.000478123	0.000478002	0.001378467	6.12224E-05	0	0	3.00093E-08	3.00093E-08	0.030009302
579045.014141756.41	579045.01	4141756	0.002622774	0.003049599	0.00359577	0.000427636	0.000427528	0.001232908	5.47577E-05	0	0	2.68706E-08	2.68706E-08	0.02687061
579065.014141756.41	579065.01	4141756	0.002384167	0.002758567	0.003252616	0.000386825	0.000386728	0.001115248	4.9532E-05	0	0	2.4332E-08	2.4332E-08	0.024331978
579085.014141756.41	579085.01	4141756	0.002184046	0.00251458	0.002964932	0.000352612	0.000352523	0.001016608	4.5151E-05	0	0	2.22035E-08	2.22035E-08	0.022203523

Cubberley Community Center Master Plan - Mitigation

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)
Demolition - Phase I	2030	0.03		8	0.000467775
Grading- Phase I	2030	0.00		8	0
New Building Construction I- Phase I	2030	0.00		8	0
New Building Construction II- Phase I	2031	0.00		8	0
Renovation Building Construction I- Phase I	2031	0.00		8	0
Renovation Building Construction II- Phase I	2032	0.00		8	0
Paving- Phase I	2032	0.00		8	0
Architectural Coating- Phase I	2032	0.00		8	0

Maximum Risk, Uncontrolled	0.044
UTM X	579145.01
UTM Y	4141516.41

AERMOD Column Identifier:			*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*				
			Demolition - Phase I	Grading- Phase I	New Building Construction I- Phase I	New Building Construction II- Phase I	Renovation Building Construction I- Phase I	Renovation Building Construction II- Phase I	Paving- Phase I	Architectural Coating- Phase I	Child Risk			
Unique Identifier	X (UTM)	Y (UTM)	2030	2030	2030	2031	2031	2032	2032	2032	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.41	578385.01	4141176	2.06382E-05	0	0	0	0	0	0	0	1.49022E-10	0	0	1.49022E-10	0.000149022
578405.014141176.41	578405.01	4141176	2.16627E-05	0	0	0	0	0	0	0	1.56419E-10	0	0	1.56419E-10	0.000156419
578425.014141176.41	578425.01	4141176	2.2907E-05	0	0	0	0	0	0	0	1.65404E-10	0	0	1.65404E-10	0.000165404
578445.014141176.41	578445.01	4141176	2.50634E-05	0	0	0	0	0	0	0	1.80975E-10	0	0	1.80975E-10	0.000180975
578465.014141176.41	578465.01	4141176	2.58586E-05	0	0	0	0	0	0	0	1.86717E-10	0	0	1.86717E-10	0.000186717
578485.014141176.41	578485.01	4141176	2.79449E-05	0	0	0	0	0	0	0	2.01781E-10	0	0	2.01781E-10	0.000201781
578505.014141176.41	578505.01	4141176	3.01107E-05	0	0	0	0	0	0	0	2.1742E-10	0	0	2.1742E-10	0.00021742
578525.014141176.41	578525.01	4141176	3.21362E-05	0	0	0	0	0	0	0	2.32045E-10	0	0	2.32045E-10	0.000232045
578545.014141176.41	578545.01	4141176	3.52936E-05	0	0	0	0	0	0	0	2.54844E-10	0	0	2.54844E-10	0.000254844
578565.014141176.41	578565.01	4141176	3.71928E-05	0	0	0	0	0	0	0	2.68557E-10	0	0	2.68557E-10	0.000268557
578585.014141176.41	578585.01	4141176	4.14168E-05	0	0	0	0	0	0	0	2.99058E-10	0	0	2.99058E-10	0.000299058
578605.014141176.41	578605.01	4141176	4.56081E-05	0	0	0	0	0	0	0	3.29321E-10	0	0	3.29321E-10	0.000329321
578625.014141176.41	578625.01	4141176	4.67916E-05	0	0	0	0	0	0	0	3.37867E-10	0	0	3.37867E-10	0.000337867
578645.014141176.41	578645.01	4141176	5.06273E-05	0	0	0	0	0	0	0	3.65564E-10	0	0	3.65564E-10	0.000365564
578665.014141176.41	578665.01	4141176	5.58103E-05	0	0	0	0	0	0	0	4.02988E-10	0	0	4.02988E-10	0.000402988
578685.014141176.41	578685.01	4141176	6.50722E-05	0	0	0	0	0	0	0	4.69866E-10	0	0	4.69866E-10	0.000469866
578705.014141176.41	578705.01	4141176	7.19345E-05	0	0	0	0	0	0	0	5.19416E-10	0	0	5.19416E-10	0.000519416
578725.014141176.41	578725.01	4141176	7.98773E-05	0	0	0	0	0	0	0	5.76768E-10	0	0	5.76768E-10	0.000576768
578745.014141176.41	578745.01	4141176	8.94527E-05	0	0	0	0	0	0	0	6.45909E-10	0	0	6.45909E-10	0.000645909
578765.014141176.41	578765.01	4141176	9.99917E-05	0	0	0	0	0	0	0	7.22007E-10	0	0	7.22007E-10	0.000722007
578785.014141176.41	578785.01	4141176	0.000112823	0	0	0	0	0	0	0	8.14657E-10	0	0	8.14657E-10	0.000814657
578805.014141176.41	578805.01	4141176	0.000128068	0	0	0	0	0	0	0	9.24734E-10	0	0	9.24734E-10	0.000924734
578825.014141176.41	578825.01	4141176	0.000146657	0	0	0	0	0	0	0	1.05896E-09	0	0	1.05896E-09	0.001058962
578845.014141176.41	578845.01	4141176	0.000168731	0	0	0	0	0	0	0	1.21835E-09	0	0	1.21835E-09	0.001218354
578865.014141176.41	578865.01	4141176	0.000192139	0	0	0	0	0	0	0	1.38737E-09	0	0	1.38737E-09	0.001387372
578885.014141176.41	578885.01	4141176	0.000218418	0	0	0	0	0	0	0	1.57713E-09	0	0	1.57713E-09	0.001577128
578905.014141176.41	578905.01	4141176	0.000245891	0	0	0	0	0	0	0	1.7755E-09	0	0	1.7755E-09	0.001775498
578925.014141176.41	578925.01	4141176	0.000274158	0	0	0	0	0	0	0	1.97961E-09	0	0	1.97961E-09	0.00197961
578945.014141176.41	578945.01	4141176	0.000302225	0	0	0	0	0	0	0	2.18227E-09	0	0	2.18227E-09	0.002182269
578965.014141176.41	578965.01	4141176	0.000327985	0	0	0	0	0	0	0	2.36828E-09	0	0	2.36828E-09	0.002368276
578985.014141176.41	578985.01	4141176	0.000351491	0	0	0	0	0	0	0	2.538E-09	0	0	2.538E-09	0.002538004
579005.014141176.41	579005.01	4141176	0.000372171	0	0	0	0	0	0	0	2.68733E-09	0	0	2.68733E-09	0.00268733
579025.014141176.41	579025.01	4141176	0.00039258	0	0	0	0	0	0	0	2.8347E-09	0	0	2.8347E-09	0.002834697
579045.014141176.41	579045.01	4141176	0.000413612	0	0	0	0	0	0	0	2.98656E-09	0	0	2.98656E-09	0.002986556
579065.014141176.41	579065.01	4141176	0.000435026	0	0	0	0	0	0	0	3.14119E-09	0	0	3.14119E-09	0.003141185
579085.014141176.41	579085.01	4141176	0.00045638	0	0	0	0	0	0	0	3.29538E-09	0	0	3.29538E-09	0.003295375
579105.014141176.41	579105.01	4141176	0.000478946	0	0	0	0	0	0	0	3.45831E-09	0	0	3.45831E-09	0.003458313
579125.014141176.41	579125.01	4141176	0.000503032	0	0	0	0	0	0	0	3.63223E-09	0	0	3.63223E-09	0.003632229
579145.014141176.41	579145.01	4141176	0.000528572	0	0	0	0	0	0	0	3.81665E-09	0	0	3.81665E-09	0.003816649
579165.014141176.41	579165.01	4141176	0.0005548	0	0	0	0	0	0	0	4.00603E-09	0	0	4.00603E-09	0.004006034
579185.014141176.41	579185.01	4141176	0.000584635	0	0	0	0	0	0	0	4.22146E-09	0	0	4.22146E-09	0.004221461
579205.014141176.41	579205.01	4141176	0.000615078	0	0	0	0	0	0	0	4.44128E-09	0	0	4.44128E-09	0.004441278
579225.014141176.41	579225.01	4141176	0.000647537	0	0	0	0	0	0	0	4.67565E-09	0	0	4.67565E-09	0.004675654
578385.014141196.41	578385.01	4141196	2.10546E-05	0	0	0	0	0	0	0	1.52028E-10	0	0	1.52028E-10	0.000152028
578405.014141196.41	578405.01	4141196	2.2079E-05	0	0	0	0	0	0	0	1.59425E-10	0	0	1.59425E-10	0.000159425
578425.014141196.41	578425.01	4141196	2.33467E-05	0	0	0	0	0	0	0	1.68579E-10	0	0	1.68579E-10	0.000168579
578445.014141196.41	578445.01	4141196	2.46564E-05	0	0	0	0	0	0	0	1.78036E-10	0	0	1.78036E-10	0.000178036
578465.014141196.41	578465.01	4141196	2.68363E-05	0	0	0	0	0	0	0	1.93776E-10	0	0	1.93776E-10	0.000193776
578485.014141196.41	578485.01	4141196	2.86933E-05	0	0	0	0	0	0	0	2.07185E-10	0	0	2.07185E-10	0.000207185

578505.014141196.41	578505.01	4141196	3.05925E-05	0	0	0	0	0	0	0	2.20899E-10	0	0	2.20899E-10	0.000220899
578525.014141196.41	578525.01	4141196	3.29641E-05	0	0	0	0	0	0	0	2.38023E-10	0	0	2.38023E-10	0.000238023
578545.014141196.41	578545.01	4141196	3.55977E-05	0	0	0	0	0	0	0	2.5704E-10	0	0	2.5704E-10	0.00025704
578565.014141196.41	578565.01	4141196	4.06123E-05	0	0	0	0	0	0	0	2.93248E-10	0	0	2.93248E-10	0.000293248
578585.014141196.41	578585.01	4141196	4.36528E-05	0	0	0	0	0	0	0	3.15203E-10	0	0	3.15203E-10	0.000315203
578605.014141196.41	578605.01	4141196	4.48503E-05	0	0	0	0	0	0	0	3.2385E-10	0	0	3.2385E-10	0.00032385
578625.014141196.41	578625.01	4141196	4.78581E-05	0	0	0	0	0	0	0	3.45568E-10	0	0	3.45568E-10	0.000345568
578645.014141196.41	578645.01	4141196	5.40234E-05	0	0	0	0	0	0	0	3.90085E-10	0	0	3.90085E-10	0.000390085
578665.014141196.41	578665.01	4141196	6.12973E-05	0	0	0	0	0	0	0	4.42608E-10	0	0	4.42608E-10	0.000442608
578685.014141196.41	578685.01	4141196	6.75234E-05	0	0	0	0	0	0	0	4.87564E-10	0	0	4.87564E-10	0.000487564
578705.014141196.41	578705.01	4141196	7.46523E-05	0	0	0	0	0	0	0	5.3904E-10	0	0	5.3904E-10	0.00053904
578725.014141196.41	578725.01	4141196	8.30301E-05	0	0	0	0	0	0	0	5.99534E-10	0	0	5.99534E-10	0.000599534
578745.014141196.41	578745.01	4141196	9.31294E-05	0	0	0	0	0	0	0	6.72457E-10	0	0	6.72457E-10	0.000672457
578765.014141196.41	578765.01	4141196	0.000105287	0	0	0	0	0	0	0	7.60243E-10	0	0	7.60243E-10	0.000760243
578785.014141196.41	578785.01	4141196	0.000119156	0	0	0	0	0	0	0	8.6039E-10	0	0	8.6039E-10	0.00086039
578805.014141196.41	578805.01	4141196	0.000136263	0	0	0	0	0	0	0	9.83911E-10	0	0	9.83911E-10	0.000983911
578825.014141196.41	578825.01	4141196	0.000156419	0	0	0	0	0	0	0	1.12945E-09	0	0	1.12945E-09	0.001129454
578845.014141196.41	578845.01	4141196	0.000180692	0	0	0	0	0	0	0	1.30472E-09	0	0	1.30472E-09	0.00130472
578865.014141196.41	578865.01	4141196	0.00020823	0	0	0	0	0	0	0	1.50356E-09	0	0	1.50356E-09	0.001503563
578885.014141196.41	578885.01	4141196	0.000237064	0	0	0	0	0	0	0	1.71176E-09	0	0	1.71176E-09	0.001711762
578905.014141196.41	578905.01	4141196	0.000267596	0	0	0	0	0	0	0	1.93222E-09	0	0	1.93222E-09	0.001932221
578925.014141196.41	578925.01	4141196	0.000298834	0	0	0	0	0	0	0	2.15778E-09	0	0	2.15778E-09	0.002157781
578945.014141196.41	578945.01	4141196	0.000328912	0	0	0	0	0	0	0	2.37496E-09	0	0	2.37496E-09	0.002374964
578965.014141196.41	578965.01	4141196	0.000356782	0	0	0	0	0	0	0	2.5762E-09	0	0	2.5762E-09	0.002576205
578985.014141196.41	578985.01	4141196	0.000380002	0	0	0	0	0	0	0	2.74387E-09	0	0	2.74387E-09	0.002743872
579005.014141196.41	579005.01	4141196	0.000402254	0	0	0	0	0	0	0	2.90455E-09	0	0	2.90455E-09	0.002904547
579025.014141196.41	579025.01	4141196	0.00042453	0	0	0	0	0	0	0	3.06539E-09	0	0	3.06539E-09	0.003065391
579045.014141196.41	579045.01	4141196	0.000446075	0	0	0	0	0	0	0	3.22097E-09	0	0	3.22097E-09	0.003220965
579065.014141196.41	579065.01	4141196	0.000468917	0	0	0	0	0	0	0	3.3859E-09	0	0	3.3859E-09	0.003385896
579085.014141196.41	579085.01	4141196	0.000490626	0	0	0	0	0	0	0	3.54265E-09	0	0	3.54265E-09	0.003542653
579105.014141196.41	579105.01	4141196	0.000513917	0	0	0	0	0	0	0	3.71083E-09	0	0	3.71083E-09	0.003710827
579125.014141196.41	579125.01	4141196	0.000539626	0	0	0	0	0	0	0	3.89646E-09	0	0	3.89646E-09	0.003896463
579145.014141196.41	579145.01	4141196	0.000568791	0	0	0	0	0	0	0	4.10706E-09	0	0	4.10706E-09	0.004107059
579165.014141196.41	579165.01	4141196	0.000599014	0	0	0	0	0	0	0	4.32529E-09	0	0	4.32529E-09	0.00432529
579185.014141196.41	579185.01	4141196	0.000630402	0	0	0	0	0	0	0	4.55193E-09	0	0	4.55193E-09	0.00455193
579205.014141196.41	579205.01	4141196	0.000664456	0	0	0	0	0	0	0	4.79782E-09	0	0	4.79782E-09	0.004797824
579225.014141196.41	579225.01	4141196	0.000701569	0	0	0	0	0	0	0	5.06581E-09	0	0	5.06581E-09	0.005065807
579245.014141196.41	579245.01	4141196	0.00074257	0	0	0	0	0	0	0	5.36186E-09	0	0	5.36186E-09	0.005361858
578385.014141216.41	578385.01	4141216	2.15223E-05	0	0	0	0	0	0	0	1.55406E-10	0	0	1.55406E-10	0.000155406
578405.014141216.41	578405.01	4141216	2.25608E-05	0	0	0	0	0	0	0	1.62904E-10	0	0	1.62904E-10	0.000162904
578425.014141216.41	578425.01	4141216	2.3749E-05	0	0	0	0	0	0	0	1.71484E-10	0	0	1.71484E-10	0.000171484
578445.014141216.41	578445.01	4141216	2.50681E-05	0	0	0	0	0	0	0	1.81009E-10	0	0	1.81009E-10	0.000181009
578465.014141216.41	578465.01	4141216	2.73368E-05	0	0	0	0	0	0	0	1.9739E-10	0	0	1.9739E-10	0.00019739
578485.014141216.41	578485.01	4141216	2.92172E-05	0	0	0	0	0	0	0	2.10968E-10	0	0	2.10968E-10	0.000210968
578505.014141216.41	578505.01	4141216	3.1065E-05	0	0	0	0	0	0	0	2.2431E-10	0	0	2.2431E-10	0.00022431
578525.014141216.41	578525.01	4141216	3.36424E-05	0	0	0	0	0	0	0	2.42921E-10	0	0	2.42921E-10	0.000242921
578545.014141216.41	578545.01	4141216	3.83342E-05	0	0	0	0	0	0	0	2.76799E-10	0	0	2.76799E-10	0.000276799
578565.014141216.41	578565.01	4141216	4.15151E-05	0	0	0	0	0	0	0	2.99767E-10	0	0	2.99767E-10	0.000299767
578585.014141216.41	578585.01	4141216	4.48737E-05	0	0	0	0	0	0	0	3.24018E-10	0	0	3.24018E-10	0.000324018
578605.014141216.41	578605.01	4141216	4.81715E-05	0	0	0	0	0	0	0	3.47831E-10	0	0	3.47831E-10	0.000347831
578625.014141216.41	578625.01	4141216	5.22926E-05	0	0	0	0	0	0	0	3.77588E-10	0	0	3.77588E-10	0.000377588
578645.014141216.41	578645.01	4141216	5.76814E-05	0	0	0	0	0	0	0	4.16499E-10	0	0	4.16499E-10	0.000416499
578665.014141216.41	578665.01	4141216	6.33836E-05	0	0	0	0	0	0	0	4.57672E-10	0	0	4.57672E-10	0.000457672
578685.014141216.41	578685.01	4141216	7.01663E-05	0	0	0	0	0	0	0	5.06648E-10	0	0	5.06648E-10	0.000506648
578705.014141216.41	578705.01	4141216	7.75151E-05	0	0	0	0	0	0	0	5.59711E-10	0	0	5.59711E-10	0.000559711
578725.014141216.41	578725.01	4141216	8.63466E-05	0	0	0	0	0	0	0	6.23481E-10	0	0	6.23481E-10	0.000623481
578745.014141216.41	578745.01	4141216	9.72692E-05	0	0	0	0	0	0	0	7.0235E-10	0	0	7.0235E-10	0.00070235
578765.014141216.41	578765.01	4141216	0.000110685	0	0	0	0	0	0	0	7.99221E-10	0	0	7.99221E-10	0.000799221
578785.014141216.41	578785.01	4141216	0.000126533	0	0	0	0	0	0	0	9.13656E-10	0	0	9.13656E-10	0.000913656
578805.014141216.41	578805.01	4141216	0.000145174	0	0	0	0	0	0	0	1.04826E-09	0	0	1.04826E-09	0.001048255
578825.014141216.41	578825.01	4141216	0.000167768	0	0	0	0	0	0	0	1.2114E-09	0	0	1.2114E-09	0.001211396
578845.014141216.41	578845.01	4141216	0.000194613	0	0	0	0	0	0	0	1.40524E-09	0	0	1.40524E-09	0.001405239
578925.014141216.41	578925.01	4141216	0.000326573	0	0	0	0	0	0	0	2.35808E-09	0	0	2.35808E-09	0.002358076
578945.014141216.41	578945.01	4141216	0.00035833	0	0	0	0	0	0	0	2.58738E-09	0	0	2.58738E-09	0.002587385
578965.014141216.41	578965.01	4141216	0.000388904	0	0	0	0	0	0	0	2.80815E-09	0	0	2.80815E-09	0.002808148
578985.014141216.41	578985.01	4141216	0.000414538	0	0	0	0	0	0	0	2.99324E-09	0	0	2.99324E-09	0.002993244
579005.014141216.41	579005.01	4141216	0.000437515	0	0	0	0	0	0	0	3.15915E-09	0	0	3.15915E-09	0.003159154
579025.014141216.41	579025.01	4141216	0.000458874	0	0	0	0	0	0	0	3.31338E-09	0	0	3.31338E-09	0.003313378
579045.014141216.41	579045.01	4141216	0.000480915	0	0	0	0	0	0	0	3.47253E-09	0	0	3.47253E-09	0.003472533
579065.014141216.41	579065.01	4141216	0.000504613	0	0	0	0	0	0	0	3.64365E-09	0	0	3.64365E-09	0.003643645
579085.014141216.41	579085.01	4141216	0.000528086	0	0	0	0	0	0	0	3.81314E-09	0	0	3.81314E-09	0.003813136

579105.014141216.41	579105.01	4141216	0.00055313	0	0	0	0	0	0	0	3.99398E-09	0	0	3.99398E-09	0.003993975
579125.014141216.41	579125.01	4141216	0.000582179	0	0	0	0	0	0	0	4.20373E-09	0	0	4.20373E-09	0.004203728
579145.014141216.41	579145.01	4141216	0.000613866	0	0	0	0	0	0	0	4.43253E-09	0	0	4.43253E-09	0.00443253
579165.014141216.41	579165.01	4141216	0.000646302	0	0	0	0	0	0	0	4.66674E-09	0	0	4.66674E-09	0.004666737
579185.014141216.41	579185.01	4141216	0.000681736	0	0	0	0	0	0	0	4.92259E-09	0	0	4.92259E-09	0.004922594
579205.014141216.41	579205.01	4141216	0.000721384	0	0	0	0	0	0	0	5.20888E-09	0	0	5.20888E-09	0.005208884
579225.014141216.41	579225.01	4141216	0.000766099	0	0	0	0	0	0	0	5.53175E-09	0	0	5.53175E-09	0.005531754
579245.014141216.41	579245.01	4141216	0.000812367	0	0	0	0	0	0	0	5.86584E-09	0	0	5.86584E-09	0.005865838
578385.014141236.41	578385.01	4141236	2.1789E-05	0	0	0	0	0	0	0	1.57331E-10	0	0	1.57331E-10	0.000157331
578405.014141236.41	578405.01	4141236	2.37536E-05	0	0	0	0	0	0	0	1.71517E-10	0	0	1.71517E-10	0.000171517
578425.014141236.41	578425.01	4141236	2.47313E-05	0	0	0	0	0	0	0	1.78577E-10	0	0	1.78577E-10	0.000178577
578445.014141236.41	578445.01	4141236	2.62937E-05	0	0	0	0	0	0	0	1.89858E-10	0	0	1.89858E-10	0.000189858
578465.014141236.41	578465.01	4141236	2.7987E-05	0	0	0	0	0	0	0	2.02085E-10	0	0	2.02085E-10	0.000202085
578485.014141236.41	578485.01	4141236	2.97224E-05	0	0	0	0	0	0	0	2.14616E-10	0	0	2.14616E-10	0.000214616
578505.014141236.41	578505.01	4141236	3.21221E-05	0	0	0	0	0	0	0	2.31944E-10	0	0	2.31944E-10	0.000231944
578525.014141236.41	578525.01	4141236	3.68981E-05	0	0	0	0	0	0	0	2.66429E-10	0	0	2.66429E-10	0.000266429
578545.014141236.41	578545.01	4141236	3.91107E-05	0	0	0	0	0	0	0	2.82406E-10	0	0	2.82406E-10	0.000282406
578565.014141236.41	578565.01	4141236	4.23804E-05	0	0	0	0	0	0	0	3.06016E-10	0	0	3.06016E-10	0.000306016
578585.014141236.41	578585.01	4141236	4.60291E-05	0	0	0	0	0	0	0	3.32361E-10	0	0	3.32361E-10	0.000332361
578605.014141236.41	578605.01	4141236	4.96076E-05	0	0	0	0	0	0	0	3.582E-10	0	0	3.582E-10	0.0003582
578625.014141236.41	578625.01	4141236	5.37942E-05	0	0	0	0	0	0	0	3.8843E-10	0	0	3.8843E-10	0.00038843
578645.014141236.41	578645.01	4141236	5.92437E-05	0	0	0	0	0	0	0	4.2778E-10	0	0	4.2778E-10	0.00042778
578665.014141236.41	578665.01	4141236	6.54137E-05	0	0	0	0	0	0	0	4.72331E-10	0	0	4.72331E-10	0.000472331
578685.014141236.41	578685.01	4141236	7.26362E-05	0	0	0	0	0	0	0	5.24482E-10	0	0	5.24482E-10	0.000524482
578705.014141236.41	578705.01	4141236	8.07053E-05	0	0	0	0	0	0	0	5.82747E-10	0	0	5.82747E-10	0.000582747
578725.014141236.41	578725.01	4141236	9.0276E-05	0	0	0	0	0	0	0	6.51854E-10	0	0	6.51854E-10	0.000651854
578745.014141236.41	578745.01	4141236	0.000101741	0	0	0	0	0	0	0	7.3464E-10	0	0	7.3464E-10	0.00073464
578765.014141236.41	578765.01	4141236	0.000116032	0	0	0	0	0	0	0	8.37827E-10	0	0	8.37827E-10	0.000837827
578785.014141236.41	578785.01	4141236	0.00013435	0	0	0	0	0	0	0	9.70096E-10	0	0	9.70096E-10	0.000970096
578805.014141236.41	578805.01	4141236	0.000155329	0	0	0	0	0	0	0	1.12158E-09	0	0	1.12158E-09	0.001121584
578825.014141236.41	578825.01	4141236	0.000180978	0	0	0	0	0	0	0	1.30678E-09	0	0	1.30678E-09	0.001306781
578945.014141236.41	578945.01	4141236	0.00039316	0	0	0	0	0	0	0	2.83889E-09	0	0	2.83889E-09	0.002838885
578965.014141236.41	578965.01	4141236	0.000423688	0	0	0	0	0	0	0	3.05931E-09	0	0	3.05931E-09	0.003059311
578985.014141236.41	578985.01	4141236	0.000451904	0	0	0	0	0	0	0	3.26305E-09	0	0	3.26305E-09	0.003263051
579005.014141236.41	579005.01	4141236	0.000474974	0	0	0	0	0	0	0	3.42964E-09	0	0	3.42964E-09	0.003429637
579025.014141236.41	579025.01	4141236	0.000496759	0	0	0	0	0	0	0	3.58693E-09	0	0	3.58693E-09	0.003586934
579045.014141236.41	579045.01	4141236	0.000518936	0	0	0	0	0	0	0	3.74707E-09	0	0	3.74707E-09	0.003747069
579065.014141236.41	579065.01	4141236	0.000542629	0	0	0	0	0	0	0	3.91815E-09	0	0	3.91815E-09	0.003918147
579085.014141236.41	579085.01	4141236	0.000569722	0	0	0	0	0	0	0	4.11378E-09	0	0	4.11378E-09	0.004113781
579105.014141236.41	579105.01	4141236	0.000598013	0	0	0	0	0	0	0	4.31806E-09	0	0	4.31806E-09	0.004318061
579125.014141236.41	579125.01	4141236	0.000629032	0	0	0	0	0	0	0	4.54203E-09	0	0	4.54203E-09	0.004542034
579145.014141236.41	579145.01	4141236	0.000662534	0	0	0	0	0	0	0	4.78394E-09	0	0	4.78394E-09	0.004783941
579165.014141236.41	579165.01	4141236	0.000700068	0	0	0	0	0	0	0	5.05496E-09	0	0	5.05496E-09	0.005054964
579185.014141236.41	579185.01	4141236	0.000741022	0	0	0	0	0	0	0	5.35068E-09	0	0	5.35068E-09	0.005350678
579205.014141236.41	579205.01	4141236	0.000786967	0	0	0	0	0	0	0	5.68243E-09	0	0	5.68243E-09	0.005682431
579225.014141236.41	579225.01	4141236	0.000839591	0	0	0	0	0	0	0	6.06242E-09	0	0	6.06242E-09	0.006062417
579245.014141236.41	579245.01	4141236	0.000893105	0	0	0	0	0	0	0	6.44882E-09	0	0	6.44882E-09	0.006448821
578385.014141256.41	578385.01	4141256	2.21585E-05	0	0	0	0	0	0	0	1.6E-10	0	0	1.6E-10	0.00016
578405.014141256.41	578405.01	4141256	2.41419E-05	0	0	0	0	0	0	0	1.74321E-10	0	0	1.74321E-10	0.000174321
578425.014141256.41	578425.01	4141256	2.56996E-05	0	0	0	0	0	0	0	1.85568E-10	0	0	1.85568E-10	0.000185568
578445.014141256.41	578445.01	4141256	2.70468E-05	0	0	0	0	0	0	0	1.95296E-10	0	0	1.95296E-10	0.000195296
578465.014141256.41	578465.01	4141256	2.85437E-05	0	0	0	0	0	0	0	2.06104E-10	0	0	2.06104E-10	0.000206104
578485.014141256.41	578485.01	4141256	3.03352E-05	0	0	0	0	0	0	0	2.19041E-10	0	0	2.19041E-10	0.000219041
578505.014141256.41	578505.01	4141256	3.28238E-05	0	0	0	0	0	0	0	2.3701E-10	0	0	2.3701E-10	0.00023701
578525.014141256.41	578525.01	4141256	3.73565E-05	0	0	0	0	0	0	0	2.6974E-10	0	0	2.6974E-10	0.00026974
578545.014141256.41	578545.01	4141256	3.81518E-05	0	0	0	0	0	0	0	2.75482E-10	0	0	2.75482E-10	0.000275482
578565.014141256.41	578565.01	4141256	4.32645E-05	0	0	0	0	0	0	0	3.12399E-10	0	0	3.12399E-10	0.000312399
578585.014141256.41	578585.01	4141256	4.71611E-05	0	0	0	0	0	0	0	3.40535E-10	0	0	3.40535E-10	0.000340535
578605.014141256.41	578605.01	4141256	5.1315E-05	0	0	0	0	0	0	0	3.70529E-10	0	0	3.70529E-10	0.000370529
578625.014141256.41	578625.01	4141256	5.54548E-05	0	0	0	0	0	0	0	4.00421E-10	0	0	4.00421E-10	0.000400421
578645.014141256.41	578645.01	4141256	6.05535E-05	0	0	0	0	0	0	0	4.37237E-10	0	0	4.37237E-10	0.000437237
578665.014141256.41	578665.01	4141256	6.72427E-05	0	0	0	0	0	0	0	4.85538E-10	0	0	4.85538E-10	0.000485538
578685.014141256.41	578685.01	4141256	7.47786E-05	0	0	0	0	0	0	0	5.39952E-10	0	0	5.39952E-10	0.000539952
578705.014141256.41	578705.01	4141256	8.40218E-05	0	0	0	0	0	0	0	6.06694E-10	0	0	6.06694E-10	0.000606694
578725.014141256.41	578725.01	4141256	9.4383E-05	0	0	0	0	0	0	0	6.81509E-10	0	0	6.81509E-10	0.000681509
578745.014141256.41	578745.01	4141256	0.000106798	0	0	0	0	0	0	0	7.71152E-10	0	0	7.71152E-10	0.000771152
578765.014141256.41	578765.01	4141256	0.000122426	0	0	0	0	0	0	0	8.84E-10	0	0	8.84E-10	0.000884
578785.014141256.41	578785.01	4141256	0.000142185	0	0	0	0	0	0	0	1.02667E-09	0	0	1.02667E-09	0.001026672
578805.014141256.41	578805.01	4141256	0.000167061	0	0	0	0	0	0	0	1.2063E-09	0	0	1.2063E-09	0.001206296
578965.014141256.41	578965.01	4141256	0.000464239	0	0	0	0	0	0	0	3.35212E-09	0	0	3.35212E-09	0.00335212
578985.014141256.41	578985.01	4141256	0.000491566	0	0	0	0	0	0	0	3.54944E-09	0	0	3.54944E-09	0.003549442

579005.014141256.41	579005.01	4141256	0.000516859	0	0	0	0	0	0	0	3.73207E-09	0	0	3.73207E-09	0.003732072
579025.014141256.41	579025.01	4141256	0.000538199	0	0	0	0	0	0	0	3.88616E-09	0	0	3.88616E-09	0.003886161
579045.014141256.41	579045.01	4141256	0.000561302	0	0	0	0	0	0	0	4.05298E-09	0	0	4.05298E-09	0.004052983
579065.014141256.41	579065.01	4141256	0.000586707	0	0	0	0	0	0	0	4.23642E-09	0	0	4.23642E-09	0.004236424
579085.014141256.41	579085.01	4141256	0.000616168	0	0	0	0	0	0	0	4.44915E-09	0	0	4.44915E-09	0.004449148
579105.014141256.41	579105.01	4141256	0.000646185	0	0	0	0	0	0	0	4.66589E-09	0	0	4.66589E-09	0.004665892
579125.014141256.41	579125.01	4141256	0.000680262	0	0	0	0	0	0	0	4.91195E-09	0	0	4.91195E-09	0.004911954
579145.014141256.41	579145.01	4141256	0.000718629	0	0	0	0	0	0	0	5.18899E-09	0	0	5.18899E-09	0.00518899
579165.014141256.41	579165.01	4141256	0.000762048	0	0	0	0	0	0	0	5.5025E-09	0	0	5.5025E-09	0.005502504
579185.014141256.41	579185.01	4141256	0.000810968	0	0	0	0	0	0	0	5.85574E-09	0	0	5.85574E-09	0.005855739
579205.014141256.41	579205.01	4141256	0.000864528	0	0	0	0	0	0	0	6.24248E-09	0	0	6.24248E-09	0.00624248
579225.014141256.41	579225.01	4141256	0.000923838	0	0	0	0	0	0	0	6.67073E-09	0	0	6.67073E-09	0.006670733
579245.014141256.41	579245.01	4141256	0.000988292	0	0	0	0	0	0	0	7.13614E-09	0	0	7.13614E-09	0.00713614
579265.014141256.41	579265.01	4141256	0.001056115	0	0	0	0	0	0	0	7.62587E-09	0	0	7.62587E-09	0.007625866
578385.014141276.41	578385.01	4141276	2.42448E-05	0	0	0	0	0	0	0	1.75064E-10	0	0	1.75064E-10	0.000175064
578405.014141276.41	578405.01	4141276	2.45582E-05	0	0	0	0	0	0	0	1.77327E-10	0	0	1.77327E-10	0.000177327
578425.014141276.41	578425.01	4141276	2.60925E-05	0	0	0	0	0	0	0	1.88406E-10	0	0	1.88406E-10	0.000188406
578445.014141276.41	578445.01	4141276	2.77391E-05	0	0	0	0	0	0	0	2.00295E-10	0	0	2.00295E-10	0.000200295
578465.014141276.41	578465.01	4141276	2.92547E-05	0	0	0	0	0	0	0	2.11239E-10	0	0	2.11239E-10	0.000211239
578485.014141276.41	578485.01	4141276	3.1079E-05	0	0	0	0	0	0	0	2.24411E-10	0	0	2.24411E-10	0.000224411
578505.014141276.41	578505.01	4141276	3.3315E-05	0	0	0	0	0	0	0	2.40557E-10	0	0	2.40557E-10	0.000240557
578525.014141276.41	578525.01	4141276	3.57848E-05	0	0	0	0	0	0	0	2.58391E-10	0	0	2.58391E-10	0.000258391
578545.014141276.41	578545.01	4141276	3.85494E-05	0	0	0	0	0	0	0	2.78353E-10	0	0	2.78353E-10	0.000278353
578565.014141276.41	578565.01	4141276	4.37557E-05	0	0	0	0	0	0	0	3.15946E-10	0	0	3.15946E-10	0.000315946
578585.014141276.41	578585.01	4141276	4.79984E-05	0	0	0	0	0	0	0	3.46581E-10	0	0	3.46581E-10	0.000346581
578605.014141276.41	578605.01	4141276	5.22926E-05	0	0	0	0	0	0	0	3.77588E-10	0	0	3.77588E-10	0.000377588
578625.014141276.41	578625.01	4141276	5.72931E-05	0	0	0	0	0	0	0	4.13695E-10	0	0	4.13695E-10	0.000413695
578645.014141276.41	578645.01	4141276	6.25229E-05	0	0	0	0	0	0	0	4.51457E-10	0	0	4.51457E-10	0.000451457
578665.014141276.41	578665.01	4141276	6.91091E-05	0	0	0	0	0	0	0	4.99015E-10	0	0	4.99015E-10	0.000499015
578685.014141276.41	578685.01	4141276	7.72016E-05	0	0	0	0	0	0	0	5.57448E-10	0	0	5.57448E-10	0.000557448
578705.014141276.41	578705.01	4141276	8.69501E-05	0	0	0	0	0	0	0	6.27838E-10	0	0	6.27838E-10	0.000627838
578725.014141276.41	578725.01	4141276	9.87988E-05	0	0	0	0	0	0	0	7.13394E-10	0	0	7.13394E-10	0.000713394
578745.014141276.41	578745.01	4141276	0.000112383	0	0	0	0	0	0	0	8.11482E-10	0	0	8.11482E-10	0.000811482
578765.014141276.41	578765.01	4141276	0.000129943	0	0	0	0	0	0	0	9.38279E-10	0	0	9.38279E-10	0.000938279
578785.014141276.41	578785.01	4141276	0.000151849	0	0	0	0	0	0	0	1.09645E-09	0	0	1.09645E-09	0.001096454
578985.014141276.41	578985.01	4141276	0.00053687	0	0	0	0	0	0	0	3.87657E-09	0	0	3.87657E-09	0.003876568
579005.014141276.41	579005.01	4141276	0.000561344	0	0	0	0	0	0	0	4.05329E-09	0	0	4.05329E-09	0.004053287
579025.014141276.41	579025.01	4141276	0.000585426	0	0	0	0	0	0	0	4.22717E-09	0	0	4.22717E-09	0.004227169
579045.014141276.41	579045.01	4141276	0.000609212	0	0	0	0	0	0	0	4.39892E-09	0	0	4.39892E-09	0.004398922
579065.014141276.41	579065.01	4141276	0.000637395	0	0	0	0	0	0	0	4.60243E-09	0	0	4.60243E-09	0.004602426
579085.014141276.41	579085.01	4141276	0.000666369	0	0	0	0	0	0	0	4.81164E-09	0	0	4.81164E-09	0.004811638
579105.014141276.41	579105.01	4141276	0.000700947	0	0	0	0	0	0	0	5.06131E-09	0	0	5.06131E-09	0.005061314
579125.014141276.41	579125.01	4141276	0.000740002	0	0	0	0	0	0	0	5.34331E-09	0	0	5.34331E-09	0.005343315
579145.014141276.41	579145.01	4141276	0.000785311	0	0	0	0	0	0	0	5.67047E-09	0	0	5.67047E-09	0.005670474
579165.014141276.41	579165.01	4141276	0.000835283	0	0	0	0	0	0	0	6.03131E-09	0	0	6.03131E-09	0.006031309
579185.014141276.41	579185.01	4141276	0.000891023	0	0	0	0	0	0	0	6.43379E-09	0	0	6.43379E-09	0.006433791
579205.014141276.41	579205.01	4141276	0.000953331	0	0	0	0	0	0	0	6.88369E-09	0	0	6.88369E-09	0.006883694
579225.014141276.41	579225.01	4141276	0.001022749	0	0	0	0	0	0	0	7.38494E-09	0	0	7.38494E-09	0.007384938
579245.014141276.41	579245.01	4141276	0.001098355	0	0	0	0	0	0	0	7.93087E-09	0	0	7.93087E-09	0.007930869
579265.014141276.41	579265.01	4141276	0.001183804	0	0	0	0	0	0	0	8.54786E-09	0	0	8.54786E-09	0.008547865
578385.014141296.41	578385.01	4141296	2.37536E-05	0	0	0	0	0	0	0	1.71517E-10	0	0	1.71517E-10	0.000171517
578405.014141296.41	578405.01	4141296	2.80525E-05	0	0	0	0	0	0	0	2.02558E-10	0	0	2.02558E-10	0.000202558
578425.014141296.41	578425.01	4141296	2.66211E-05	0	0	0	0	0	0	0	1.92222E-10	0	0	1.92222E-10	0.000192222
578445.014141296.41	578445.01	4141296	2.81554E-05	0	0	0	0	0	0	0	2.03301E-10	0	0	2.03301E-10	0.000203301
578465.014141296.41	578465.01	4141296	3.01622E-05	0	0	0	0	0	0	0	2.17791E-10	0	0	2.17791E-10	0.000217791
578485.014141296.41	578485.01	4141296	3.21034E-05	0	0	0	0	0	0	0	2.31808E-10	0	0	2.31808E-10	0.000231808
578505.014141296.41	578505.01	4141296	3.41429E-05	0	0	0	0	0	0	0	2.46535E-10	0	0	2.46535E-10	0.000246535
578525.014141296.41	578525.01	4141296	3.65286E-05	0	0	0	0	0	0	0	2.63761E-10	0	0	2.63761E-10	0.000263761
578545.014141296.41	578545.01	4141296	3.93586E-05	0	0	0	0	0	0	0	2.84196E-10	0	0	2.84196E-10	0.000284196
578565.014141296.41	578565.01	4141296	4.41627E-05	0	0	0	0	0	0	0	3.18884E-10	0	0	3.18884E-10	0.000318884
578585.014141296.41	578585.01	4141296	4.87656E-05	0	0	0	0	0	0	0	3.52121E-10	0	0	3.52121E-10	0.000352121
578605.014141296.41	578605.01	4141296	5.32796E-05	0	0	0	0	0	0	0	3.84715E-10	0	0	3.84715E-10	0.000384715
578625.014141296.41	578625.01	4141296	5.87245E-05	0	0	0	0	0	0	0	4.24031E-10	0	0	4.24031E-10	0.000424031
578645.014141296.41	578645.01	4141296	6.47214E-05	0	0	0	0	0	0	0	4.67332E-10	0	0	4.67332E-10	0.000467332
578665.014141296.41	578665.01	4141296	7.12983E-05	0	0	0	0	0	0	0	5.14822E-10	0	0	5.14822E-10	0.000514822
578685.014141296.41	578685.01	4141296	7.96621E-05	0	0	0	0	0	0	0	5.75215E-10	0	0	5.75215E-10	0.000575215
578705.014141296.41	578705.01	4141296	9.00982E-05	0	0	0	0	0	0	0	6.5057E-10	0	0	6.5057E-10	0.00065057
578725.014141296.41	578725.01	4141296	0.00010284	0	0	0	0	0	0	0	7.42577E-10	0	0	7.42577E-10	0.000742577
578745.014141296.41	578745.01	4141296	0.000118502	0	0	0	0	0	0	0	8.55661E-10	0	0	8.55661E-10	0.000855661
579005.014141296.41	579005.01	4141296	0.000611265	0	0	0	0	0	0	0	4.41375E-09	0	0	4.41375E-09	0.00441375
579025.014141296.41	579025.01	4141296	0.000636249	0	0	0	0	0	0	0	4.59415E-09	0	0	4.59415E-09	0.004594151

579045.014141296.41	579045.01	4141296	0.000662459	0	0	0	0	0	0	0	4.7834E-09	0	0	4.7834E-09	0.004783401
579065.014141296.41	579065.01	4141296	0.000690245	0	0	0	0	0	0	0	4.98403E-09	0	0	4.98403E-09	0.004984034
579085.014141296.41	579085.01	4141296	0.000724186	0	0	0	0	0	0	0	5.22912E-09	0	0	5.22912E-09	0.005229116
579105.014141296.41	579105.01	4141296	0.00076499	0	0	0	0	0	0	0	5.52375E-09	0	0	5.52375E-09	0.005523749
579125.014141296.41	579125.01	4141296	0.000810533	0	0	0	0	0	0	0	5.8526E-09	0	0	5.8526E-09	0.005852598
579145.014141296.41	579145.01	4141296	0.000860454	0	0	0	0	0	0	0	6.21306E-09	0	0	6.21306E-09	0.006213061
579165.014141296.41	579165.01	4141296	0.0009201	0	0	0	0	0	0	0	6.64375E-09	0	0	6.64375E-09	0.006643746
579185.014141296.41	579185.01	4141296	0.000984358	0	0	0	0	0	0	0	7.10773E-09	0	0	7.10773E-09	0.007107734
579205.014141296.41	579205.01	4141296	0.001057355	0	0	0	0	0	0	0	7.63482E-09	0	0	7.63482E-09	0.007634817
579225.014141296.41	579225.01	4141296	0.001139749	0	0	0	0	0	0	0	8.22976E-09	0	0	8.22976E-09	0.008229757
579245.014141296.41	579245.01	4141296	0.001229	0	0	0	0	0	0	0	8.87421E-09	0	0	8.87421E-09	0.008874214
579265.014141296.41	579265.01	4141296	0.001334465	0	0	0	0	0	0	0	9.63574E-09	0	0	9.63574E-09	0.00963574
579285.014141296.41	579285.01	4141296	0.001449715	0	0	0	0	0	0	0	1.04679E-08	0	0	1.04679E-08	0.010467926
578385.014141316.41	578385.01	4141316	2.43617E-05	0	0	0	0	0	0	0	1.75908E-10	0	0	1.75908E-10	0.000175908
578405.014141316.41	578405.01	4141316	2.56388E-05	0	0	0	0	0	0	0	1.85129E-10	0	0	1.85129E-10	0.000185129
578425.014141316.41	578425.01	4141316	3.03072E-05	0	0	0	0	0	0	0	2.18838E-10	0	0	2.18838E-10	0.000218838
578445.014141316.41	578445.01	4141316	2.91143E-05	0	0	0	0	0	0	0	2.10225E-10	0	0	2.10225E-10	0.000210225
578465.014141316.41	578465.01	4141316	3.04288E-05	0	0	0	0	0	0	0	2.19716E-10	0	0	2.19716E-10	0.000219716
578485.014141316.41	578485.01	4141316	3.26601E-05	0	0	0	0	0	0	0	2.35828E-10	0	0	2.35828E-10	0.000235828
578505.014141316.41	578505.01	4141316	3.63274E-05	0	0	0	0	0	0	0	2.62309E-10	0	0	2.62309E-10	0.000262309
578525.014141316.41	578525.01	4141316	4.00041E-05	0	0	0	0	0	0	0	2.88857E-10	0	0	2.88857E-10	0.000288857
578545.014141316.41	578545.01	4141316	4.25442E-05	0	0	0	0	0	0	0	3.07198E-10	0	0	3.07198E-10	0.000307198
578565.014141316.41	578565.01	4141316	4.61601E-05	0	0	0	0	0	0	0	3.33307E-10	0	0	3.33307E-10	0.000333307
578585.014141316.41	578585.01	4141316	4.9921E-05	0	0	0	0	0	0	0	3.60463E-10	0	0	3.60463E-10	0.000360463
578605.014141316.41	578605.01	4141316	5.45941E-05	0	0	0	0	0	0	0	3.94206E-10	0	0	3.94206E-10	0.000394206
578625.014141316.41	578625.01	4141316	6.01045E-05	0	0	0	0	0	0	0	4.33995E-10	0	0	4.33995E-10	0.000433995
578645.014141316.41	578645.01	4141316	6.67375E-05	0	0	0	0	0	0	0	4.8189E-10	0	0	4.8189E-10	0.00048189
578665.014141316.41	578665.01	4141316	7.39412E-05	0	0	0	0	0	0	0	5.33906E-10	0	0	5.33906E-10	0.000533906
578685.014141316.41	578685.01	4141316	8.26091E-05	0	0	0	0	0	0	0	5.96494E-10	0	0	5.96494E-10	0.000596494
578705.014141316.41	578705.01	4141316	9.34896E-05	0	0	0	0	0	0	0	6.75058E-10	0	0	6.75058E-10	0.000675058
578725.014141316.41	578725.01	4141316	0.00010728	0	0	0	0	0	0	0	7.74631E-10	0	0	7.74631E-10	0.000774631
579025.014141316.41	579025.01	4141316	0.000691536	0	0	0	0	0	0	0	4.99336E-09	0	0	4.99336E-09	0.004993356
579045.014141316.41	579045.01	4141316	0.000719485	0	0	0	0	0	0	0	5.19517E-09	0	0	5.19517E-09	0.005195171
579065.014141316.41	579065.01	4141316	0.00075223	0	0	0	0	0	0	0	5.43161E-09	0	0	5.43161E-09	0.005431607
579085.014141316.41	579085.01	4141316	0.000792575	0	0	0	0	0	0	0	5.72293E-09	0	0	5.72293E-09	0.005722929
579105.014141316.41	579105.01	4141316	0.000840073	0	0	0	0	0	0	0	6.0659E-09	0	0	6.0659E-09	0.006065896
579125.014141316.41	579125.01	4141316	0.000892155	0	0	0	0	0	0	0	6.44196E-09	0	0	6.44196E-09	0.006441965
579145.014141316.41	579145.01	4141316	0.000950379	0	0	0	0	0	0	0	6.86238E-09	0	0	6.86238E-09	0.006862381
579165.014141316.41	579165.01	4141316	0.001019404	0	0	0	0	0	0	0	7.36079E-09	0	0	7.36079E-09	0.007360788
579185.014141316.41	579185.01	4141316	0.001096638	0	0	0	0	0	0	0	7.91847E-09	0	0	7.91847E-09	0.007918473
579205.014141316.41	579205.01	4141316	0.001181923	0	0	0	0	0	0	0	8.53429E-09	0	0	8.53429E-09	0.008534287
579225.014141316.41	579225.01	4141316	0.001280413	0	0	0	0	0	0	0	9.24545E-09	0	0	9.24545E-09	0.009245452
579245.014141316.41	579245.01	4141316	0.001396431	0	0	0	0	0	0	0	1.00832E-08	0	0	1.00832E-08	0.010083178
579265.014141316.41	579265.01	4141316	0.00152941	0	0	0	0	0	0	0	1.10434E-08	0	0	1.10434E-08	0.011043377
579285.014141316.41	579285.01	4141316	0.00167508	0	0	0	0	0	0	0	1.20952E-08	0	0	1.20952E-08	0.012095213
578385.014141336.41	578385.01	4141336	2.48576E-05	0	0	0	0	0	0	0	1.79489E-10	0	0	1.79489E-10	0.000179489
578405.014141336.41	578405.01	4141336	2.61112E-05	0	0	0	0	0	0	0	1.88541E-10	0	0	1.88541E-10	0.000188541
578425.014141336.41	578425.01	4141336	2.7566E-05	0	0	0	0	0	0	0	1.99045E-10	0	0	1.99045E-10	0.000199045
578445.014141336.41	578445.01	4141336	3.09995E-05	0	0	0	0	0	0	0	2.23837E-10	0	0	2.23837E-10	0.000223837
578465.014141336.41	578465.01	4141336	3.47931E-05	0	0	0	0	0	0	0	2.5123E-10	0	0	2.5123E-10	0.00025123
578485.014141336.41	578485.01	4141336	3.33664E-05	0	0	0	0	0	0	0	2.40928E-10	0	0	2.40928E-10	0.000240928
578505.014141336.41	578505.01	4141336	3.55509E-05	0	0	0	0	0	0	0	2.56702E-10	0	0	2.56702E-10	0.000256702
578525.014141336.41	578525.01	4141336	4.08461E-05	0	0	0	0	0	0	0	2.94937E-10	0	0	2.94937E-10	0.000294937
578545.014141336.41	578545.01	4141336	4.40598E-05	0	0	0	0	0	0	0	3.18141E-10	0	0	3.18141E-10	0.000318141
578565.014141336.41	578565.01	4141336	4.72687E-05	0	0	0	0	0	0	0	3.41312E-10	0	0	3.41312E-10	0.000341312
578585.014141336.41	578585.01	4141336	5.11325E-05	0	0	0	0	0	0	0	3.69211E-10	0	0	3.69211E-10	0.000369211
578605.014141336.41	578605.01	4141336	5.59319E-05	0	0	0	0	0	0	0	4.03866E-10	0	0	4.03866E-10	0.000403866
578625.014141336.41	578625.01	4141336	6.17884E-05	0	0	0	0	0	0	0	4.46154E-10	0	0	4.46154E-10	0.000446154
578645.014141336.41	578645.01	4141336	6.81502E-05	0	0	0	0	0	0	0	4.92091E-10	0	0	4.92091E-10	0.000492091
578665.014141336.41	578665.01	4141336	7.64719E-05	0	0	0	0	0	0	0	5.52179E-10	0	0	5.52179E-10	0.000552179
578685.014141336.41	578685.01	4141336	8.56684E-05	0	0	0	0	0	0	0	6.18584E-10	0	0	6.18584E-10	0.000618584
578705.014141336.41	578705.01	4141336	9.73815E-05	0	0	0	0	0	0	0	7.0316E-10	0	0	7.0316E-10	0.00070316
579025.014141336.41	579025.01	4141336	0.000754882	0	0	0	0	0	0	0	5.45076E-09	0	0	5.45076E-09	0.005450758
579045.014141336.41	579045.01	4141336	0.000785891	0	0	0	0	0	0	0	5.67466E-09	0	0	5.67466E-09	0.005674663
579065.014141336.41	579065.01	4141336	0.000825001	0	0	0	0	0	0	0	5.95707E-09	0	0	5.95707E-09	0.005957068
579085.014141336.41	579085.01	4141336	0.000872401	0	0	0	0	0	0	0	6.29933E-09	0	0	6.29933E-09	0.006299326
579105.014141336.41	579105.01	4141336	0.000926916	0	0	0	0	0	0	0	6.69296E-09	0	0	6.69296E-09	0.006692958
579125.014141336.41	579125.01	4141336	0.000988999	0	0	0	0	0	0	0	7.14124E-09	0	0	7.14124E-09	0.00714124
579145.014141336.41	579145.01	4141336	0.001060615	0	0	0	0	0	0	0	7.65836E-09	0	0	7.65836E-09	0.007658359
579165.014141336.41	579165.01	4141336	0.00114009	0	0	0	0	0	0	0	8.23222E-09	0	0	8.23222E-09	0.008232223
579185.014141336.41	579185.01	4141336	0.001232873	0	0	0	0	0	0	0	8.90218E-09	0	0	8.90218E-09	0.008902181

579205.014141336.41	579205.01	4141336	0.001334572	0	0	0	0	0	0	0	9.63652E-09	0	0	9.63652E-09	0.009636517
579225.014141336.41	579225.01	4141336	0.001464286	0	0	0	0	0	0	0	1.05731E-08	0	0	1.05731E-08	0.01057314
579245.014141336.41	579245.01	4141336	0.001609563	0	0	0	0	0	0	0	1.16221E-08	0	0	1.16221E-08	0.011622139
579265.014141336.41	579265.01	4141336	0.001776657	0	0	0	0	0	0	0	1.28287E-08	0	0	1.28287E-08	0.012828671
579285.014141336.41	579285.01	4141336	0.00196874	0	0	0	0	0	0	0	1.42156E-08	0	0	1.42156E-08	0.014215637
578385.014141356.41	578385.01	4141356	2.56434E-05	0	0	0	0	0	0	0	1.85163E-10	0	0	1.85163E-10	0.000185163
578405.014141356.41	578405.01	4141356	2.70561E-05	0	0	0	0	0	0	0	1.95364E-10	0	0	1.95364E-10	0.000195364
578425.014141356.41	578425.01	4141356	2.86559E-05	0	0	0	0	0	0	0	2.06915E-10	0	0	2.06915E-10	0.000206915
578445.014141356.41	578445.01	4141356	3.0237E-05	0	0	0	0	0	0	0	2.18332E-10	0	0	2.18332E-10	0.000218332
578465.014141356.41	578465.01	4141356	3.21034E-05	0	0	0	0	0	0	0	2.31808E-10	0	0	2.31808E-10	0.000231808
578485.014141356.41	578485.01	4141356	3.76372E-05	0	0	0	0	0	0	0	2.71766E-10	0	0	2.71766E-10	0.000271766
578505.014141356.41	578505.01	4141356	3.98545E-05	0	0	0	0	0	0	0	2.87776E-10	0	0	2.87776E-10	0.000287776
578525.014141356.41	578525.01	4141356	4.17209E-05	0	0	0	0	0	0	0	3.01253E-10	0	0	3.01253E-10	0.000301253
578545.014141356.41	578545.01	4141356	4.50327E-05	0	0	0	0	0	0	0	3.25167E-10	0	0	3.25167E-10	0.000325167
578565.014141356.41	578565.01	4141356	4.88077E-05	0	0	0	0	0	0	0	3.52425E-10	0	0	3.52425E-10	0.000352425
578585.014141356.41	578585.01	4141356	5.26575E-05	0	0	0	0	0	0	0	3.80223E-10	0	0	3.80223E-10	0.000380223
578605.014141356.41	578605.01	4141356	5.76019E-05	0	0	0	0	0	0	0	4.15924E-10	0	0	4.15924E-10	0.000415924
578625.014141356.41	578625.01	4141356	6.329E-05	0	0	0	0	0	0	0	4.56997E-10	0	0	4.56997E-10	0.000456997
578645.014141356.41	578645.01	4141356	7.00494E-05	0	0	0	0	0	0	0	5.05804E-10	0	0	5.05804E-10	0.000505804
578665.014141356.41	578665.01	4141356	7.85675E-05	0	0	0	0	0	0	0	5.67311E-10	0	0	5.67311E-10	0.000567311
578685.014141356.41	578685.01	4141356	8.88071E-05	0	0	0	0	0	0	0	6.41248E-10	0	0	6.41248E-10	0.000641248
579025.014141356.41	579025.01	4141356	0.000828729	0	0	0	0	0	0	0	5.98399E-09	0	0	5.98399E-09	0.005983988
579045.014141356.41	579045.01	4141356	0.000864323	0	0	0	0	0	0	0	6.24099E-09	0	0	6.24099E-09	0.006240994
579065.014141356.41	579065.01	4141356	0.000909561	0	0	0	0	0	0	0	6.56765E-09	0	0	6.56765E-09	0.006567647
579085.014141356.41	579085.01	4141356	0.000964861	0	0	0	0	0	0	0	6.96695E-09	0	0	6.96695E-09	0.006966953
579105.014141356.41	579105.01	4141356	0.001029391	0	0	0	0	0	0	0	7.4329E-09	0	0	7.4329E-09	0.007432901
579125.014141356.41	579125.01	4141356	0.00110438	0	0	0	0	0	0	0	7.97437E-09	0	0	7.97437E-09	0.007974373
579145.014141356.41	579145.01	4141356	0.001189894	0	0	0	0	0	0	0	8.59184E-09	0	0	8.59184E-09	0.008591842
579165.014141356.41	579165.01	4141356	0.001285835	0	0	0	0	0	0	0	9.2846E-09	0	0	9.2846E-09	0.009284599
579185.014141356.41	579185.01	4141356	0.001399935	0	0	0	0	0	0	0	1.01085E-08	0	0	1.01085E-08	0.010108476
579205.014141356.41	579205.01	4141356	0.00153377	0	0	0	0	0	0	0	1.10749E-08	0	0	1.10749E-08	0.011074857
579225.014141356.41	579225.01	4141356	0.001693496	0	0	0	0	0	0	0	1.22282E-08	0	0	1.22282E-08	0.012228191
579245.014141356.41	579245.01	4141356	0.001880171	0	0	0	0	0	0	0	1.35761E-08	0	0	1.35761E-08	0.013576112
579265.014141356.41	579265.01	4141356	0.002101916	0	0	0	0	0	0	0	1.51773E-08	0	0	1.51773E-08	0.015177255
579285.014141356.41	579285.01	4141356	0.002355398	0	0	0	0	0	0	0	1.70076E-08	0	0	1.70076E-08	0.017007573
579305.014141356.41	579305.01	4141356	0.002656234	0	0	0	0	0	0	0	1.91798E-08	0	0	1.91798E-08	0.01917981
578385.014141376.41	578385.01	4141376	2.62422E-05	0	0	0	0	0	0	0	1.89486E-10	0	0	1.89486E-10	0.000189486
578405.014141376.41	578405.01	4141376	2.98628E-05	0	0	0	0	0	0	0	2.15629E-10	0	0	2.15629E-10	0.000215629
578425.014141376.41	578425.01	4141376	3.15234E-05	0	0	0	0	0	0	0	2.2762E-10	0	0	2.2762E-10	0.00022762
578445.014141376.41	578445.01	4141376	3.35208E-05	0	0	0	0	0	0	0	2.42043E-10	0	0	2.42043E-10	0.000242043
578465.014141376.41	578465.01	4141376	3.54106E-05	0	0	0	0	0	0	0	2.55688E-10	0	0	2.55688E-10	0.000255688
578485.014141376.41	578485.01	4141376	3.66642E-05	0	0	0	0	0	0	0	2.64741E-10	0	0	2.64741E-10	0.000264741
578505.014141376.41	578505.01	4141376	4.01445E-05	0	0	0	0	0	0	0	2.8987E-10	0	0	2.8987E-10	0.00028987
578525.014141376.41	578525.01	4141376	4.39241E-05	0	0	0	0	0	0	0	3.17162E-10	0	0	3.17162E-10	0.000317162
578545.014141376.41	578545.01	4141376	4.60338E-05	0	0	0	0	0	0	0	3.32395E-10	0	0	3.32395E-10	0.000332395
578565.014141376.41	578565.01	4141376	5.00707E-05	0	0	0	0	0	0	0	3.61544E-10	0	0	3.61544E-10	0.000361544
578585.014141376.41	578585.01	4141376	5.45192E-05	0	0	0	0	0	0	0	3.93666E-10	0	0	3.93666E-10	0.000393666
578605.014141376.41	578605.01	4141376	5.95244E-05	0	0	0	0	0	0	0	4.29807E-10	0	0	4.29807E-10	0.000429807
578625.014141376.41	578625.01	4141376	6.53061E-05	0	0	0	0	0	0	0	4.71554E-10	0	0	4.71554E-10	0.000471554
578645.014141376.41	578645.01	4141376	7.23321E-05	0	0	0	0	0	0	0	5.22287E-10	0	0	5.22287E-10	0.000522287
578665.014141376.41	578665.01	4141376	8.10374E-05	0	0	0	0	0	0	0	5.85145E-10	0	0	5.85145E-10	0.000585145
578685.014141376.41	578685.01	4141376	9.23014E-05	0	0	0	0	0	0	0	6.66479E-10	0	0	6.66479E-10	0.000666479
579005.014141376.41	579005.01	4141376	0.000883698	0	0	0	0	0	0	0	6.3809E-09	0	0	6.3809E-09	0.006380897
579025.014141376.41	579025.01	4141376	0.000911797	0	0	0	0	0	0	0	6.58379E-09	0	0	6.58379E-09	0.006583792
579045.014141376.41	579045.01	4141376	0.000952578	0	0	0	0	0	0	0	6.87826E-09	0	0	6.87826E-09	0.006878256
579065.014141376.41	579065.01	4141376	0.001007373	0	0	0	0	0	0	0	7.27391E-09	0	0	7.27391E-09	0.007273915
579085.014141376.41	579085.01	4141376	0.001074545	0	0	0	0	0	0	0	7.75895E-09	0	0	7.75895E-09	0.007758946
579105.014141376.41	579105.01	4141376	0.001150788	0	0	0	0	0	0	0	8.30947E-09	0	0	8.30947E-09	0.00830947
579125.014141376.41	579125.01	4141376	0.001240175	0	0	0	0	0	0	0	8.95491E-09	0	0	8.95491E-09	0.008954906
579145.014141376.41	579145.01	4141376	0.001344929	0	0	0	0	0	0	0	9.7113E-09	0	0	9.7113E-09	0.009711298
579165.014141376.41	579165.01	4141376	0.001468431	0	0	0	0	0	0	0	1.06031E-08	0	0	1.06031E-08	0.010603066
579185.014141376.41	579185.01	4141376	0.001613806	0	0	0	0	0	0	0	1.16528E-08	0	0	1.16528E-08	0.011652774
579205.014141376.41	579205.01	4141376	0.001786088	0	0	0	0	0	0	0	1.28968E-08	0	0	1.28968E-08	0.012896764
579225.014141376.41	579225.01	4141376	0.001994271	0	0	0	0	0	0	0	1.44E-08	0	0	1.44E-08	0.014399989
579245.014141376.41	579245.01	4141376	0.002244456	0	0	0	0	0	0	0	1.62065E-08	0	0	1.62065E-08	0.016206494
579265.014141376.41	579265.01	4141376	0.002534814	0	0	0	0	0	0	0	1.83031E-08	0	0	1.83031E-08	0.018303072
579285.014141376.41	579285.01	4141376	0.002892493	0	0	0	0	0	0	0	2.08858E-08	0	0	2.08858E-08	0.020885762
579305.014141376.41	579305.01	4141376	0.003339911	0	0	0	0	0	0	0	2.41164E-08	0	0	2.41164E-08	0.024116421
578385.014141396.41	578385.01	4141396	2.88571E-05	0	0	0	0	0	0	0	2.08368E-10	0	0	2.08368E-10	0.000208368
578405.014141396.41	578405.01	4141396	3.03727E-05	0	0	0	0	0	0	0	2.19311E-10	0	0	2.19311E-10	0.000219311
578425.014141396.41	578425.01	4141396	3.09667E-05	0	0	0	0	0	0	0	2.23601E-10	0	0	2.23601E-10	0.000223601

578445.014141396.41	578445.01	4141396	3.3895E-05	0	0	0	0	0	0	0	2.44745E-10	0	0	2.44745E-10	0.000244745
578465.014141396.41	578465.01	4141396	3.63321E-05	0	0	0	0	0	0	0	2.62342E-10	0	0	2.62342E-10	0.000262342
578485.014141396.41	578485.01	4141396	3.87318E-05	0	0	0	0	0	0	0	2.7967E-10	0	0	2.7967E-10	0.00027967
578505.014141396.41	578505.01	4141396	4.09584E-05	0	0	0	0	0	0	0	2.95747E-10	0	0	2.95747E-10	0.000295747
578525.014141396.41	578525.01	4141396	4.47521E-05	0	0	0	0	0	0	0	3.2314E-10	0	0	3.2314E-10	0.00032314
578545.014141396.41	578545.01	4141396	4.72781E-05	0	0	0	0	0	0	0	3.4138E-10	0	0	3.4138E-10	0.00034138
578565.014141396.41	578565.01	4141396	5.10296E-05	0	0	0	0	0	0	0	3.68468E-10	0	0	3.68468E-10	0.000368468
578585.014141396.41	578585.01	4141396	5.56138E-05	0	0	0	0	0	0	0	4.01569E-10	0	0	4.01569E-10	0.000401569
578605.014141396.41	578605.01	4141396	6.09792E-05	0	0	0	0	0	0	0	4.40311E-10	0	0	4.40311E-10	0.000440311
578625.014141396.41	578625.01	4141396	6.73877E-05	0	0	0	0	0	0	0	4.86585E-10	0	0	4.86585E-10	0.000486585
578645.014141396.41	578645.01	4141396	7.48253E-05	0	0	0	0	0	0	0	5.4029E-10	0	0	5.4029E-10	0.00054029
578665.014141396.41	578665.01	4141396	8.38487E-05	0	0	0	0	0	0	0	6.05445E-10	0	0	6.05445E-10	0.000605445
579005.014141396.41	579005.01	4141396	0.000974956	0	0	0	0	0	0	0	7.03984E-09	0	0	7.03984E-09	0.007039843
579025.014141396.41	579025.01	4141396	0.001006849	0	0	0	0	0	0	0	7.27013E-09	0	0	7.27013E-09	0.007270132
579045.014141396.41	579045.01	4141396	0.001055325	0	0	0	0	0	0	0	7.62016E-09	0	0	7.62016E-09	0.007620158
579065.014141396.41	579065.01	4141396	0.00112072	0	0	0	0	0	0	0	8.09235E-09	0	0	8.09235E-09	0.008092354
579085.014141396.41	579085.01	4141396	0.001201991	0	0	0	0	0	0	0	8.67919E-09	0	0	8.67919E-09	0.008679188
579105.014141396.41	579105.01	4141396	0.001297604	0	0	0	0	0	0	0	9.36958E-09	0	0	9.36958E-09	0.009369581
579125.014141396.41	579125.01	4141396	0.001412574	0	0	0	0	0	0	0	1.01997E-08	0	0	1.01997E-08	0.010199741
579145.014141396.41	579145.01	4141396	0.001546287	0	0	0	0	0	0	0	1.11652E-08	0	0	1.11652E-08	0.011165243
579165.014141396.41	579165.01	4141396	0.001702277	0	0	0	0	0	0	0	1.22916E-08	0	0	1.22916E-08	0.01229159
579185.014141396.41	579185.01	4141396	0.001890299	0	0	0	0	0	0	0	1.36492E-08	0	0	1.36492E-08	0.013649238
579205.014141396.41	579205.01	4141396	0.002122156	0	0	0	0	0	0	0	1.53234E-08	0	0	1.53234E-08	0.015323406
579225.014141396.41	579225.01	4141396	0.0024027	0	0	0	0	0	0	0	1.73491E-08	0	0	1.73491E-08	0.017349121
579245.014141396.41	579245.01	4141396	0.002744896	0	0	0	0	0	0	0	1.982E-08	0	0	1.982E-08	0.019820011
579265.014141396.41	579265.01	4141396	0.003160285	0	0	0	0	0	0	0	2.28194E-08	0	0	2.28194E-08	0.022819402
579285.014141396.41	579285.01	4141396	0.003685532	0	0	0	0	0	0	0	2.6612E-08	0	0	2.6612E-08	0.026612035
579305.014141396.41	579305.01	4141396	0.004367791	0	0	0	0	0	0	0	3.15384E-08	0	0	3.15384E-08	0.031538412
578385.014141416.41	578385.01	4141416	2.92827E-05	0	0	0	0	0	0	0	2.11441E-10	0	0	2.11441E-10	0.00021144
578405.014141416.41	578405.01	4141416	3.05738E-05	0	0	0	0	0	0	0	2.20764E-10	0	0	2.20764E-10	0.000220764
578425.014141416.41	578425.01	4141416	3.25946E-05	0	0	0	0	0	0	0	2.35355E-10	0	0	2.35355E-10	0.000235355
578445.014141416.41	578445.01	4141416	3.46481E-05	0	0	0	0	0	0	0	2.50183E-10	0	0	2.50183E-10	0.000250183
578465.014141416.41	578465.01	4141416	3.69122E-05	0	0	0	0	0	0	0	2.66531E-10	0	0	2.66531E-10	0.000266531
578485.014141416.41	578485.01	4141416	3.96065E-05	0	0	0	0	0	0	0	2.85986E-10	0	0	2.85986E-10	0.000285986
578505.014141416.41	578505.01	4141416	4.20717E-05	0	0	0	0	0	0	0	3.03786E-10	0	0	3.03786E-10	0.000303786
578525.014141416.41	578525.01	4141416	4.51871E-05	0	0	0	0	0	0	0	3.26281E-10	0	0	3.26281E-10	0.000326281
578545.014141416.41	578545.01	4141416	4.87282E-05	0	0	0	0	0	0	0	3.5185E-10	0	0	3.5185E-10	0.00035185
578565.014141416.41	578565.01	4141416	5.22458E-05	0	0	0	0	0	0	0	3.7725E-10	0	0	3.7725E-10	0.00037725
578585.014141416.41	578585.01	4141416	5.68955E-05	0	0	0	0	0	0	0	4.10824E-10	0	0	4.10824E-10	0.000410824
578605.014141416.41	578605.01	4141416	6.2434E-05	0	0	0	0	0	0	0	4.50816E-10	0	0	4.50816E-10	0.000450816
578625.014141416.41	578625.01	4141416	6.90296E-05	0	0	0	0	0	0	0	4.98441E-10	0	0	4.98441E-10	0.000498441
578645.014141416.41	578645.01	4141416	7.68929E-05	0	0	0	0	0	0	0	5.55219E-10	0	0	5.55219E-10	0.000555219
578665.014141416.41	578665.01	4141416	8.68378E-05	0	0	0	0	0	0	0	6.27028E-10	0	0	6.27028E-10	0.000627028
579025.014141416.41	579025.01	4141416	0.001118891	0	0	0	0	0	0	0	8.07915E-09	0	0	8.07915E-09	0.008079148
579045.014141416.41	579045.01	4141416	0.001179407	0	0	0	0	0	0	0	8.51611E-09	0	0	8.51611E-09	0.008516115
579065.014141416.41	579065.01	4141416	0.001260355	0	0	0	0	0	0	0	9.10062E-09	0	0	9.10062E-09	0.009100618
579085.014141416.41	579085.01	4141416	0.001364622	0	0	0	0	0	0	0	9.8535E-09	0	0	9.8535E-09	0.009853497
579105.014141416.41	579105.01	4141416	0.001486763	0	0	0	0	0	0	0	1.07354E-08	0	0	1.07354E-08	0.010735437
579125.014141416.41	579125.01	4141416	0.001633551	0	0	0	0	0	0	0	1.17953E-08	0	0	1.17953E-08	0.011795345
579145.014141416.41	579145.01	4141416	0.001804247	0	0	0	0	0	0	0	1.30279E-08	0	0	1.30279E-08	0.013027885
579165.014141416.41	579165.01	4141416	0.002008931	0	0	0	0	0	0	0	1.45058E-08	0	0	1.45058E-08	0.014505845
579185.014141416.41	579185.01	4141416	0.002259977	0	0	0	0	0	0	0	1.63186E-08	0	0	1.63186E-08	0.016318565
579205.014141416.41	579205.01	4141416	0.002572138	0	0	0	0	0	0	0	1.85726E-08	0	0	1.85726E-08	0.018572575
579225.014141416.41	579225.01	4141416	0.002971655	0	0	0	0	0	0	0	2.14574E-08	0	0	2.14574E-08	0.021457363
579245.014141416.41	579245.01	4141416	0.003468998	0	0	0	0	0	0	0	2.50485E-08	0	0	2.50485E-08	0.025048519
579265.014141416.41	579265.01	4141416	0.004106604	0	0	0	0	0	0	0	2.96525E-08	0	0	2.96525E-08	0.029652465
579285.014141416.41	579285.01	4141416	0.004888346	0	0	0	0	0	0	0	3.52972E-08	0	0	3.52972E-08	0.035297168
579305.014141416.41	579305.01	4141416	0.006038138	0	0	0	0	0	0	0	4.35994E-08	0	0	4.35994E-08	0.043599444
578385.014141436.41	578385.01	4141436	2.97271E-05	0	0	0	0	0	0	0	2.1465E-10	0	0	2.1465E-10	0.00021465
578405.014141436.41	578405.01	4141436	3.13597E-05	0	0	0	0	0	0	0	2.26438E-10	0	0	2.26438E-10	0.000226438
578425.014141436.41	578425.01	4141436	3.32495E-05	0	0	0	0	0	0	0	2.40084E-10	0	0	2.40084E-10	0.000240084
578445.014141436.41	578445.01	4141436	3.5565E-05	0	0	0	0	0	0	0	2.56803E-10	0	0	2.56803E-10	0.000256803
578465.014141436.41	578465.01	4141436	3.79834E-05	0	0	0	0	0	0	0	2.74266E-10	0	0	2.74266E-10	0.000274266
578485.014141436.41	578485.01	4141436	4.06684E-05	0	0	0	0	0	0	0	2.93653E-10	0	0	2.93653E-10	0.000293653
578505.014141436.41	578505.01	4141436	4.30587E-05	0	0	0	0	0	0	0	3.10913E-10	0	0	3.10913E-10	0.000310913
578525.014141436.41	578525.01	4141436	4.65296E-05	0	0	0	0	0	0	0	3.35975E-10	0	0	3.35975E-10	0.000335975
578545.014141436.41	578545.01	4141436	4.99678E-05	0	0	0	0	0	0	0	3.60801E-10	0	0	3.60801E-10	0.000360801
578565.014141436.41	578565.01	4141436	5.36866E-05	0	0	0	0	0	0	0	3.87653E-10	0	0	3.87653E-10	0.000387653
578585.014141436.41	578585.01	4141436	5.86731E-05	0	0	0	0	0	0	0	4.23659E-10	0	0	4.23659E-10	0.000423659
578605.014141436.41	578605.01	4141436	6.43191E-05	0	0	0	0	0	0	0	4.64428E-10	0	0	4.64428E-10	0.000464428
578625.014141436.41	578625.01	4141436	7.1144E-05	0	0	0	0	0	0	0	5.13708E-10	0	0	5.13708E-10	0.000513708

578645.014141436.41	578645.01	4141436	7.92879E-05	0	0	0	0	0	0	0	5.72512E-10	0	0	5.72512E-10	0.000572512
579025.014141436.41	579025.01	4141436	0.00125317	0	0	0	0	0	0	0	9.04874E-09	0	0	9.04874E-09	0.009048737
579045.014141436.41	579045.01	4141436	0.001334072	0	0	0	0	0	0	0	9.6329E-09	0	0	9.6329E-09	0.009632903
579065.014141436.41	579065.01	4141436	0.00144028	0	0	0	0	0	0	0	1.03998E-08	0	0	1.03998E-08	0.010399799
579085.014141436.41	579085.01	4141436	0.001574649	0	0	0	0	0	0	0	1.137E-08	0	0	1.137E-08	0.01137003
579105.014141436.41	579105.01	4141436	0.00173198	0	0	0	0	0	0	0	1.25061E-08	0	0	1.25061E-08	0.012506071
579125.014141436.41	579125.01	4141436	0.001921738	0	0	0	0	0	0	0	1.38763E-08	0	0	1.38763E-08	0.01387625
579145.014141436.41	579145.01	4141436	0.002149891	0	0	0	0	0	0	0	1.55237E-08	0	0	1.55237E-08	0.015523668
579165.014141436.41	579165.01	4141436	0.0024268	0	0	0	0	0	0	0	1.75231E-08	0	0	1.75231E-08	0.017523138
579185.014141436.41	579185.01	4141436	0.002776219	0	0	0	0	0	0	0	2.00462E-08	0	0	2.00462E-08	0.020046179
579205.014141436.41	579205.01	4141436	0.003229418	0	0	0	0	0	0	0	2.33186E-08	0	0	2.33186E-08	0.023318586
579225.014141436.41	579225.01	4141436	0.003829242	0	0	0	0	0	0	0	2.76497E-08	0	0	2.76497E-08	0.027649719
579245.014141436.41	579245.01	4141436	0.004621765	0	0	0	0	0	0	0	3.33723E-08	0	0	3.33723E-08	0.033372276
579265.014141436.41	579265.01	4141436	0.005632908	0	0	0	0	0	0	0	4.06734E-08	0	0	4.06734E-08	0.040673415
579285.014141436.41	579285.01	4141436	0.005234093	0	0	0	0	0	0	0	3.77937E-08	0	0	3.77937E-08	0.037793694
579305.014141436.41	579305.01	4141436	0.003371902	0	0	0	0	0	0	0	2.43474E-08	0	0	2.43474E-08	0.024347419
579325.014141436.41	579325.01	4141436	0.004086981	0	0	0	0	0	0	0	2.95108E-08	0	0	2.95108E-08	0.029510773
578385.014141456.41	578385.01	4141456	3.04335E-05	0	0	0	0	0	0	0	2.1975E-10	0	0	2.1975E-10	0.00021975
578405.014141456.41	578405.01	4141456	3.20333E-05	0	0	0	0	0	0	0	2.31302E-10	0	0	2.31302E-10	0.000231302
578425.014141456.41	578425.01	4141456	3.38903E-05	0	0	0	0	0	0	0	2.44711E-10	0	0	2.44711E-10	0.000244711
578445.014141456.41	578445.01	4141456	3.6159E-05	0	0	0	0	0	0	0	2.61093E-10	0	0	2.61093E-10	0.000261093
578465.014141456.41	578465.01	4141456	3.86429E-05	0	0	0	0	0	0	0	2.79028E-10	0	0	2.79028E-10	0.000279028
578485.014141456.41	578485.01	4141456	4.15291E-05	0	0	0	0	0	0	0	2.99868E-10	0	0	2.99868E-10	0.000299868
578505.014141456.41	578505.01	4141456	4.39989E-05	0	0	0	0	0	0	0	3.17702E-10	0	0	3.17702E-10	0.000317702
578525.014141456.41	578525.01	4141456	4.7975E-05	0	0	0	0	0	0	0	3.46412E-10	0	0	3.46412E-10	0.000346412
578545.014141456.41	578545.01	4141456	5.11138E-05	0	0	0	0	0	0	0	3.69076E-10	0	0	3.69076E-10	0.000369076
578565.014141456.41	578565.01	4141456	5.56232E-05	0	0	0	0	0	0	0	4.01637E-10	0	0	4.01637E-10	0.000401637
578585.014141456.41	578585.01	4141456	6.0881E-05	0	0	0	0	0	0	0	4.39602E-10	0	0	4.39602E-10	0.000439602
578605.014141456.41	578605.01	4141456	6.65925E-05	0	0	0	0	0	0	0	4.80843E-10	0	0	4.80843E-10	0.000480843
578625.014141456.41	578625.01	4141456	7.35156E-05	0	0	0	0	0	0	0	5.30832E-10	0	0	5.30832E-10	0.000530832
578645.014141456.41	578645.01	4141456	8.2146E-05	0	0	0	0	0	0	0	5.9315E-10	0	0	5.9315E-10	0.00059315
579045.014141456.41	579045.01	4141456	0.001528984	0	0	0	0	0	0	0	1.10403E-08	0	0	1.10403E-08	0.011040304
579065.014141456.41	579065.01	4141456	0.00167334	0	0	0	0	0	0	0	1.20826E-08	0	0	1.20826E-08	0.012082648
579085.014141456.41	579085.01	4141456	0.001844953	0	0	0	0	0	0	0	1.33218E-08	0	0	1.33218E-08	0.013321808
579105.014141456.41	579105.01	4141456	0.002052865	0	0	0	0	0	0	0	1.48231E-08	0	0	1.48231E-08	0.014823074
579125.014141456.41	579125.01	4141456	0.00230892	0	0	0	0	0	0	0	1.6672E-08	0	0	1.6672E-08	0.016671969
579145.014141456.41	579145.01	4141456	0.002626965	0	0	0	0	0	0	0	1.89685E-08	0	0	1.89685E-08	0.01896847
579165.014141456.41	579165.01	4141456	0.003021707	0	0	0	0	0	0	0	2.18188E-08	0	0	2.18188E-08	0.021818772
579185.014141456.41	579185.01	4141456	0.003543501	0	0	0	0	0	0	0	2.55865E-08	0	0	2.55865E-08	0.025586478
579205.014141456.41	579205.01	4141456	0.004249725	0	0	0	0	0	0	0	3.06859E-08	0	0	3.06859E-08	0.030685892
579225.014141456.41	579225.01	4141456	0.005242279	0	0	0	0	0	0	0	3.78528E-08	0	0	3.78528E-08	0.037852803
579245.014141456.41	579245.01	4141456	0.004546701	0	0	0	0	0	0	0	3.28303E-08	0	0	3.28303E-08	0.032830264
579265.014141456.41	579265.01	4141456	0.005559271	0	0	0	0	0	0	0	4.01417E-08	0	0	4.01417E-08	0.040141705
578385.014141476.41	578385.01	4141476	3.10837E-05	0	0	0	0	0	0	0	2.24445E-10	0	0	2.24445E-10	0.000224445
578405.014141476.41	578405.01	4141476	3.28285E-05	0	0	0	0	0	0	0	2.37044E-10	0	0	2.37044E-10	0.000237044
578425.014141476.41	578425.01	4141476	3.46902E-05	0	0	0	0	0	0	0	2.50487E-10	0	0	2.50487E-10	0.000250487
578445.014141476.41	578445.01	4141476	3.67204E-05	0	0	0	0	0	0	0	2.65146E-10	0	0	2.65146E-10	0.000265146
578465.014141476.41	578465.01	4141476	3.92183E-05	0	0	0	0	0	0	0	2.83183E-10	0	0	2.83183E-10	0.000283183
578485.014141476.41	578485.01	4141476	4.23758E-05	0	0	0	0	0	0	0	3.05982E-10	0	0	3.05982E-10	0.000305982
578505.014141476.41	578505.01	4141476	4.51918E-05	0	0	0	0	0	0	0	3.26315E-10	0	0	3.26315E-10	0.000326315
578525.014141476.41	578525.01	4141476	4.96123E-05	0	0	0	0	0	0	0	3.58234E-10	0	0	3.58234E-10	0.000358234
578545.014141476.41	578545.01	4141476	5.23674E-05	0	0	0	0	0	0	0	3.78128E-10	0	0	3.78128E-10	0.000378128
578565.014141476.41	578565.01	4141476	5.6975E-05	0	0	0	0	0	0	0	4.11398E-10	0	0	4.11398E-10	0.000411398
578585.014141476.41	578585.01	4141476	6.23451E-05	0	0	0	0	0	0	0	4.50174E-10	0	0	4.50174E-10	0.000450174
578605.014141476.41	578605.01	4141476	6.87115E-05	0	0	0	0	0	0	0	4.96144E-10	0	0	4.96144E-10	0.000496144
578625.014141476.41	578625.01	4141476	7.62287E-05	0	0	0	0	0	0	0	5.50423E-10	0	0	5.50423E-10	0.000550423
578645.014141476.41	578645.01	4141476	8.55748E-05	0	0	0	0	0	0	0	6.17908E-10	0	0	6.17908E-10	0.000617908
579065.014141476.41	579065.01	4141476	0.001973118	0	0	0	0	0	0	0	1.42473E-08	0	0	1.42473E-08	0.014247252
579085.014141476.41	579085.01	4141476	0.002211829	0	0	0	0	0	0	0	1.59709E-08	0	0	1.59709E-08	0.015970903
579105.014141476.41	579105.01	4141476	0.002494922	0	0	0	0	0	0	0	1.8015E-08	0	0	1.8015E-08	0.018015026
579125.014141476.41	579125.01	4141476	0.002846329	0	0	0	0	0	0	0	2.05524E-08	0	0	2.05524E-08	0.020552421
579145.014141476.41	579145.01	4141476	0.00330726	0	0	0	0	0	0	0	2.38807E-08	0	0	2.38807E-08	0.023880661
579165.014141476.41	579165.01	4141476	0.003928527	0	0	0	0	0	0	0	2.83666E-08	0	0	2.83666E-08	0.028366626
579185.014141476.41	579185.01	4141476	0.004735931	0	0	0	0	0	0	0	3.41966E-08	0	0	3.41966E-08	0.034196627
579205.014141476.41	579205.01	4141476	0.005911286	0	0	0	0	0	0	0	4.26835E-08	0	0	4.26835E-08	0.042683491
579225.014141476.41	579225.01	4141476	0.004789322	0	0	0	0	0	0	0	3.45822E-08	0	0	3.45822E-08	0.034582152
578385.014141496.41	578385.01	4141496	3.16965E-05	0	0	0	0	0	0	0	2.2887E-10	0	0	2.2887E-10	0.00022887
578405.014141496.41	578405.01	4141496	3.35722E-05	0	0	0	0	0	0	0	2.42414E-10	0	0	2.42414E-10	0.000242414
578425.014141496.41	578425.01	4141496	3.54901E-05	0	0	0	0	0	0	0	2.56263E-10	0	0	2.56263E-10	0.000256263
578445.014141496.41	578445.01	4141496	3.7553E-05	0	0	0	0	0	0	0	2.71158E-10	0	0	2.71158E-10	0.000271158
578465.014141496.41	578465.01	4141496	4.01024E-05	0	0	0	0	0	0	0	2.89566E-10	0	0	2.89566E-10	0.000289566

578485.014141496.41	578485.01	4141496	4.31944E-05	0	0	0	0	0	0	0	3.11893E-10	0	0	3.11893E-10	0.000311893
578505.014141496.41	578505.01	4141496	4.6132E-05	0	0	0	0	0	0	0	3.33104E-10	0	0	3.33104E-10	0.000333104
578525.014141496.41	578525.01	4141496	5.07957E-05	0	0	0	0	0	0	0	3.6678E-10	0	0	3.6678E-10	0.00036678
578545.014141496.41	578545.01	4141496	5.37614E-05	0	0	0	0	0	0	0	3.88194E-10	0	0	3.88194E-10	0.000388194
578565.014141496.41	578565.01	4141496	5.82988E-05	0	0	0	0	0	0	0	4.20957E-10	0	0	4.20957E-10	0.000420957
578585.014141496.41	578585.01	4141496	6.3856E-05	0	0	0	0	0	0	0	4.61084E-10	0	0	4.61084E-10	0.000461084
578605.014141496.41	578605.01	4141496	7.0316E-05	0	0	0	0	0	0	0	5.07729E-10	0	0	5.07729E-10	0.000507729
578625.014141496.41	578625.01	4141496	7.81138E-05	0	0	0	0	0	0	0	5.64035E-10	0	0	5.64035E-10	0.000564035
578645.014141496.41	578645.01	4141496	8.84329E-05	0	0	0	0	0	0	0	6.38546E-10	0	0	6.38546E-10	0.000638546
579085.014141496.41	579085.01	4141496	0.002724876	0	0	0	0	0	0	0	1.96754E-08	0	0	1.96754E-08	0.019675447
579105.014141496.41	579105.01	4141496	0.00314156	0	0	0	0	0	0	0	2.26842E-08	0	0	2.26842E-08	0.022684194
579125.014141496.41	579125.01	4141496	0.00365508	0	0	0	0	0	0	0	2.63922E-08	0	0	2.63922E-08	0.02639215
579145.014141496.41	579145.01	4141496	0.004357421	0	0	0	0	0	0	0	3.14635E-08	0	0	3.14635E-08	0.03146353
579165.014141496.41	579165.01	4141496	0.005372638	0	0	0	0	0	0	0	3.87941E-08	0	0	3.87941E-08	0.038794088
579185.014141496.41	579185.01	4141496	0.005816894	0	0	0	0	0	0	0	4.20019E-08	0	0	4.20019E-08	0.042001914
579205.014141496.41	579205.01	4141496	0.004130798	0	0	0	0	0	0	0	2.98272E-08	0	0	2.98272E-08	0.029827157
578385.014141516.41	578385.01	4141516	3.18649E-05	0	0	0	0	0	0	0	2.30086E-10	0	0	2.30086E-10	0.000230086
578405.014141516.41	578405.01	4141516	3.39745E-05	0	0	0	0	0	0	0	2.45319E-10	0	0	2.45319E-10	0.000245319
578425.014141516.41	578425.01	4141516	3.62947E-05	0	0	0	0	0	0	0	2.62072E-10	0	0	2.62072E-10	0.000262072
578445.014141516.41	578445.01	4141516	3.83155E-05	0	0	0	0	0	0	0	2.76664E-10	0	0	2.76664E-10	0.000276664
578465.014141516.41	578465.01	4141516	4.08789E-05	0	0	0	0	0	0	0	2.95173E-10	0	0	2.95173E-10	0.000295173
578485.014141516.41	578485.01	4141516	4.41252E-05	0	0	0	0	0	0	0	3.18614E-10	0	0	3.18614E-10	0.000318614
578505.014141516.41	578505.01	4141516	4.70816E-05	0	0	0	0	0	0	0	3.39961E-10	0	0	3.39961E-10	0.000339961
578525.014141516.41	578525.01	4141516	5.18295E-05	0	0	0	0	0	0	0	3.74244E-10	0	0	3.74244E-10	0.000374244
578545.014141516.41	578545.01	4141516	5.50338E-05	0	0	0	0	0	0	0	3.97381E-10	0	0	3.97381E-10	0.000397381
578565.014141516.41	578565.01	4141516	6.00998E-05	0	0	0	0	0	0	0	4.33961E-10	0	0	4.33961E-10	0.000433961
578585.014141516.41	578585.01	4141516	6.56242E-05	0	0	0	0	0	0	0	4.73851E-10	0	0	4.73851E-10	0.000473851
578605.014141516.41	578605.01	4141516	7.22713E-05	0	0	0	0	0	0	0	5.21848E-10	0	0	5.21848E-10	0.000521848
578625.014141516.41	578625.01	4141516	8.06866E-05	0	0	0	0	0	0	0	5.82612E-10	0	0	5.82612E-10	0.000582612
578645.014141516.41	578645.01	4141516	9.13659E-05	0	0	0	0	0	0	0	6.59724E-10	0	0	6.59724E-10	0.000659724
579085.014141516.41	579085.01	4141516	0.003474911	0	0	0	0	0	0	0	2.50912E-08	0	0	2.50912E-08	0.025091213
579105.014141516.41	579105.01	4141516	0.004134811	0	0	0	0	0	0	0	2.98561E-08	0	0	2.98561E-08	0.029856138
579125.014141516.41	579125.01	4141516	0.004967348	0	0	0	0	0	0	0	3.58676E-08	0	0	3.58676E-08	0.03586762
579145.014141516.41	579145.01	4141516	0.006127108	0	0	0	0	0	0	0	4.42419E-08	0	0	4.42419E-08	0.044241873
579165.014141516.41	579165.01	4141516	0.003428447	0	0	0	0	0	0	0	2.47557E-08	0	0	2.47557E-08	0.02475571
578385.014141536.41	578385.01	4141536	3.22438E-05	0	0	0	0	0	0	0	2.32822E-10	0	0	2.32822E-10	0.000232822
578405.014141536.41	578405.01	4141536	3.42037E-05	0	0	0	0	0	0	0	2.46974E-10	0	0	2.46974E-10	0.000246974
578425.014141536.41	578425.01	4141536	3.64303E-05	0	0	0	0	0	0	0	2.63052E-10	0	0	2.63052E-10	0.000263052
578445.014141536.41	578445.01	4141536	3.91294E-05	0	0	0	0	0	0	0	2.82541E-10	0	0	2.82541E-10	0.000282541
578465.014141536.41	578465.01	4141536	4.17677E-05	0	0	0	0	0	0	0	3.01591E-10	0	0	3.01591E-10	0.000301591
578485.014141536.41	578485.01	4141536	4.48971E-05	0	0	0	0	0	0	0	3.24187E-10	0	0	3.24187E-10	0.000324187
578505.014141536.41	578505.01	4141536	4.80125E-05	0	0	0	0	0	0	0	3.46682E-10	0	0	3.46682E-10	0.000346682
578525.014141536.41	578525.01	4141536	5.28633E-05	0	0	0	0	0	0	0	3.81709E-10	0	0	3.81709E-10	0.000381709
578545.014141536.41	578545.01	4141536	5.62406E-05	0	0	0	0	0	0	0	4.06095E-10	0	0	4.06095E-10	0.000406095
578565.014141536.41	578565.01	4141536	6.16809E-05	0	0	0	0	0	0	0	4.45378E-10	0	0	4.45378E-10	0.000445378
578585.014141536.41	578585.01	4141536	6.76777E-05	0	0	0	0	0	0	0	4.88679E-10	0	0	4.88679E-10	0.000488679
578605.014141536.41	578605.01	4141536	7.4554E-05	0	0	0	0	0	0	0	5.38331E-10	0	0	5.38331E-10	0.000538331
578625.014141536.41	578625.01	4141536	8.33669E-05	0	0	0	0	0	0	0	6.01966E-10	0	0	6.01966E-10	0.000601966
578645.014141536.41	578645.01	4141536	9.40416E-05	0	0	0	0	0	0	0	6.79044E-10	0	0	6.79044E-10	0.000679044
578665.014141536.41	578665.01	4141536	0.000107565	0	0	0	0	0	0	0	7.76692E-10	0	0	7.76692E-10	0.000776692
579105.014141536.41	579105.01	4141536	0.005750909	0	0	0	0	0	0	0	4.15255E-08	0	0	4.15255E-08	0.041525462
579125.014141536.41	579125.01	4141536	0.00540324	0	0	0	0	0	0	0	3.90151E-08	0	0	3.90151E-08	0.039015054
579185.014141536.41	579185.01	4141536	0.002387235	0	0	0	0	0	0	0	1.72375E-08	0	0	1.72375E-08	0.017237456
578385.014141556.41	578385.01	4141556	3.26086E-05	0	0	0	0	0	0	0	2.35456E-10	0	0	2.35456E-10	0.000235456
578405.014141556.41	578405.01	4141556	3.45359E-05	0	0	0	0	0	0	0	2.49372E-10	0	0	2.49372E-10	0.000249372
578425.014141556.41	578425.01	4141556	3.66829E-05	0	0	0	0	0	0	0	2.64876E-10	0	0	2.64876E-10	0.000264876
578445.014141556.41	578445.01	4141556	3.9251E-05	0	0	0	0	0	0	0	2.83419E-10	0	0	2.83419E-10	0.000283419
578465.014141556.41	578465.01	4141556	4.22495E-05	0	0	0	0	0	0	0	3.0507E-10	0	0	3.0507E-10	0.00030507
578485.014141556.41	578485.01	4141556	4.53602E-05	0	0	0	0	0	0	0	3.27531E-10	0	0	3.27531E-10	0.000327531
578505.014141556.41	578505.01	4141556	4.87328E-05	0	0	0	0	0	0	0	3.51884E-10	0	0	3.51884E-10	0.000351884
578525.014141556.41	578525.01	4141556	5.34387E-05	0	0	0	0	0	0	0	3.85863E-10	0	0	3.85863E-10	0.000385863
578545.014141556.41	578545.01	4141556	5.70312E-05	0	0	0	0	0	0	0	4.11804E-10	0	0	4.11804E-10	0.000411804
578565.014141556.41	578565.01	4141556	6.25322E-05	0	0	0	0	0	0	0	4.51525E-10	0	0	4.51525E-10	0.000451525
578585.014141556.41	578585.01	4141556	6.89127E-05	0	0	0	0	0	0	0	4.97596E-10	0	0	4.97596E-10	0.000497596
578605.014141556.41	578605.01	4141556	7.6514E-05	0	0	0	0	0	0	0	5.52483E-10	0	0	5.52483E-10	0.000552483
578625.014141556.41	578625.01	4141556	8.55234E-05	0	0	0	0	0	0	0	6.17537E-10	0	0	6.17537E-10	0.000617537
578645.014141556.41	578645.01	4141556	9.6605E-05	0	0	0	0	0	0	0	6.97553E-10	0	0	6.97553E-10	0.000697553
578665.014141556.41	578665.01	4141556	0.000110517	0	0	0	0	0	0	0	7.98005E-10	0	0	7.98005E-10	0.000798005
578685.014141556.41	578685.01	4141556	0.000128582	0	0	0	0	0	0	0	9.2845E-10	0	0	9.2845E-10	0.00092845
579165.014141556.41	579165.01	4141556	0.002164345	0	0	0	0	0	0	0	1.5628E-08	0	0	1.5628E-08	0.015628037
579185.014141556.41	579185.01	4141556	0.002404805	0	0	0	0	0	0	0	1.73643E-08	0	0	1.73643E-08	0.017364321

579205.014141556.41	579205.01	4141556	0.002247141	0	0	0	0	0	0	0	1.62259E-08	0	0	1.62259E-08	0.016225882
578385.014141576.41	578385.01	4141576	3.32308E-05	0	0	0	0	0	0	0	2.39949E-10	0	0	2.39949E-10	0.000239949
578405.014141576.41	578405.01	4141576	3.49662E-05	0	0	0	0	0	0	0	2.5248E-10	0	0	2.5248E-10	0.00025248
578425.014141576.41	578425.01	4141576	3.70946E-05	0	0	0	0	0	0	0	2.67848E-10	0	0	2.67848E-10	0.000267848
578445.014141576.41	578445.01	4141576	3.96159E-05	0	0	0	0	0	0	0	2.86054E-10	0	0	2.86054E-10	0.000286054
578465.014141576.41	578465.01	4141576	4.22729E-05	0	0	0	0	0	0	0	3.05239E-10	0	0	3.05239E-10	0.000305239
578485.014141576.41	578485.01	4141576	4.54397E-05	0	0	0	0	0	0	0	3.28105E-10	0	0	3.28105E-10	0.000328105
578505.014141576.41	578505.01	4141576	4.92942E-05	0	0	0	0	0	0	0	3.55937E-10	0	0	3.55937E-10	0.000355937
578525.014141576.41	578525.01	4141576	5.40468E-05	0	0	0	0	0	0	0	3.90254E-10	0	0	3.90254E-10	0.000390254
578545.014141576.41	578545.01	4141576	5.82334E-05	0	0	0	0	0	0	0	4.20484E-10	0	0	4.20484E-10	0.000420484
578565.014141576.41	578565.01	4141576	6.36783E-05	0	0	0	0	0	0	0	4.598E-10	0	0	4.598E-10	0.0004598
578585.014141576.41	578585.01	4141576	7.00915E-05	0	0	0	0	0	0	0	5.06108E-10	0	0	5.06108E-10	0.000506108
578605.014141576.41	578605.01	4141576	7.7791E-05	0	0	0	0	0	0	0	5.61704E-10	0	0	5.61704E-10	0.000561704
578625.014141576.41	578625.01	4141576	8.72822E-05	0	0	0	0	0	0	0	6.30237E-10	0	0	6.30237E-10	0.000630237
578645.014141576.41	578645.01	4141576	9.9304E-05	0	0	0	0	0	0	0	7.17042E-10	0	0	7.17042E-10	0.000717042
578665.014141576.41	578665.01	4141576	0.000113917	0	0	0	0	0	0	0	8.2256E-10	0	0	8.2256E-10	0.00082256
578685.014141576.41	578685.01	4141576	0.000132727	0	0	0	0	0	0	0	9.58376E-10	0	0	9.58376E-10	0.000958376
578705.014141576.41	578705.01	4141576	0.000158248	0	0	0	0	0	0	0	1.14266E-09	0	0	1.14266E-09	0.001142661
579145.014141576.41	579145.01	4141576	0.002627967	0	0	0	0	0	0	0	1.89757E-08	0	0	1.89757E-08	0.018975698
579165.014141576.41	579165.01	4141576	0.002466177	0	0	0	0	0	0	0	1.78075E-08	0	0	1.78075E-08	0.017807469
579185.014141576.41	579185.01	4141576	0.001912303	0	0	0	0	0	0	0	1.38081E-08	0	0	1.38081E-08	0.013808123
579205.014141576.41	579205.01	4141576	0.001555423	0	0	0	0	0	0	0	1.12312E-08	0	0	1.12312E-08	0.011231209
579225.014141576.41	579225.01	4141576	0.001325727	0	0	0	0	0	0	0	9.57265E-09	0	0	9.57265E-09	0.009572645
579245.014141576.41	579245.01	4141576	0.001177526	0	0	0	0	0	0	0	8.50254E-09	0	0	8.50254E-09	0.008502537
579265.014141576.41	579265.01	4141576	0.001115944	0	0	0	0	0	0	0	8.05787E-09	0	0	8.05787E-09	0.008057868
578385.014141596.41	578385.01	4141596	3.36003E-05	0	0	0	0	0	0	0	2.42617E-10	0	0	2.42617E-10	0.000242617
578405.014141596.41	578405.01	4141596	3.56351E-05	0	0	0	0	0	0	0	2.5731E-10	0	0	2.5731E-10	0.00025731
578425.014141596.41	578425.01	4141596	3.77167E-05	0	0	0	0	0	0	0	2.7234E-10	0	0	2.7234E-10	0.00027234
578445.014141596.41	578445.01	4141596	4.02193E-05	0	0	0	0	0	0	0	2.90411E-10	0	0	2.90411E-10	0.000290411
578465.014141596.41	578465.01	4141596	4.29371E-05	0	0	0	0	0	0	0	3.10035E-10	0	0	3.10035E-10	0.000310035
578485.014141596.41	578485.01	4141596	4.60291E-05	0	0	0	0	0	0	0	3.32361E-10	0	0	3.32361E-10	0.000332361
578505.014141596.41	578505.01	4141596	5.008E-05	0	0	0	0	0	0	0	3.61612E-10	0	0	3.61612E-10	0.000361612
578525.014141596.41	578525.01	4141596	5.46268E-05	0	0	0	0	0	0	0	3.94443E-10	0	0	3.94443E-10	0.000394443
578545.014141596.41	578545.01	4141596	5.91174E-05	0	0	0	0	0	0	0	4.26868E-10	0	0	4.26868E-10	0.000426868
578565.014141596.41	578565.01	4141596	6.49787E-05	0	0	0	0	0	0	0	4.6919E-10	0	0	4.6919E-10	0.00046919
578585.014141596.41	578585.01	4141596	7.1607E-05	0	0	0	0	0	0	0	5.17051E-10	0	0	5.17051E-10	0.00051705
578605.014141596.41	578605.01	4141596	7.93441E-05	0	0	0	0	0	0	0	5.72918E-10	0	0	5.72918E-10	0.000572918
578625.014141596.41	578625.01	4141596	8.90223E-05	0	0	0	0	0	0	0	6.42801E-10	0	0	6.42801E-10	0.000642801
578645.014141596.41	578645.01	4141596	0.000101315	0	0	0	0	0	0	0	7.31566E-10	0	0	7.31566E-10	0.000731566
578665.014141596.41	578665.01	4141596	0.00011707	0	0	0	0	0	0	0	8.45326E-10	0	0	8.45326E-10	0.000845326
578685.014141596.41	578685.01	4141596	0.000137521	0	0	0	0	0	0	0	9.92997E-10	0	0	9.92997E-10	0.000992997
578705.014141596.41	578705.01	4141596	0.000164283	0	0	0	0	0	0	0	1.18623E-09	0	0	1.18623E-09	0.001186232
578725.014141596.41	578725.01	4141596	0.000203889	0	0	0	0	0	0	0	1.47222E-09	0	0	1.47222E-09	0.001472218
578745.014141596.41	578745.01	4141596	0.000265673	0	0	0	0	0	0	0	1.91834E-09	0	0	1.91834E-09	0.001918339
579105.014141596.41	579105.01	4141596	0.002800014	0	0	0	0	0	0	0	2.0218E-08	0	0	2.0218E-08	0.020218
579145.014141596.41	579145.01	4141596	0.002058291	0	0	0	0	0	0	0	1.48623E-08	0	0	1.48623E-08	0.014862255
579165.014141596.41	579165.01	4141596	0.001641943	0	0	0	0	0	0	0	1.18559E-08	0	0	1.18559E-08	0.01185594
579185.014141596.41	579185.01	4141596	0.001364772	0	0	0	0	0	0	0	9.85458E-09	0	0	9.85458E-09	0.009854578
579205.014141596.41	579205.01	4141596	0.001177423	0	0	0	0	0	0	0	8.50179E-09	0	0	8.50179E-09	0.008501794
579225.014141596.41	579225.01	4141596	0.00105241	0	0	0	0	0	0	0	7.59912E-09	0	0	7.59912E-09	0.007599115
579245.014141596.41	579245.01	4141596	0.000978464	0	0	0	0	0	0	0	7.06518E-09	0	0	7.06518E-09	0.007065176
579265.014141596.41	579265.01	4141596	0.00095951	0	0	0	0	0	0	0	6.92831E-09	0	0	6.92831E-09	0.006928313
579285.014141596.41	579285.01	4141596	0.000964193	0	0	0	0	0	0	0	6.96212E-09	0	0	6.96212E-09	0.006962123
579305.014141596.41	579305.01	4141596	0.001062215	0	0	0	0	0	0	0	7.66991E-09	0	0	7.66991E-09	0.007669911
579325.014141596.41	579325.01	4141596	0.001246724	0	0	0	0	0	0	0	9.00219E-09	0	0	9.00219E-09	0.009002193
579345.014141596.41	579345.01	4141596	0.001638617	0	0	0	0	0	0	0	1.18319E-08	0	0	1.18319E-08	0.011831925
578385.014141616.41	578385.01	4141616	3.37453E-05	0	0	0	0	0	0	0	2.43664E-10	0	0	2.43664E-10	0.000243664
578405.014141616.41	578405.01	4141616	3.59345E-05	0	0	0	0	0	0	0	2.59471E-10	0	0	2.59471E-10	0.000259471
578425.014141616.41	578425.01	4141616	3.82406E-05	0	0	0	0	0	0	0	2.76123E-10	0	0	2.76123E-10	0.000276123
578445.014141616.41	578445.01	4141616	4.07713E-05	0	0	0	0	0	0	0	2.94396E-10	0	0	2.94396E-10	0.000294396
578465.014141616.41	578465.01	4141616	4.35546E-05	0	0	0	0	0	0	0	3.14493E-10	0	0	3.14493E-10	0.000314493
578485.014141616.41	578485.01	4141616	4.67775E-05	0	0	0	0	0	0	0	3.37765E-10	0	0	3.37765E-10	0.000337765
578505.014141616.41	578505.01	4141616	5.06133E-05	0	0	0	0	0	0	0	3.65462E-10	0	0	3.65462E-10	0.000365462
578525.014141616.41	578525.01	4141616	5.53986E-05	0	0	0	0	0	0	0	4.00016E-10	0	0	4.00016E-10	0.000400016
578545.014141616.41	578545.01	4141616	5.99782E-05	0	0	0	0	0	0	0	4.33083E-10	0	0	4.33083E-10	0.000433083
578565.014141616.41	578565.01	4141616	6.59376E-05	0	0	0	0	0	0	0	4.76114E-10	0	0	4.76114E-10	0.000476114
578585.014141616.41	578585.01	4141616	7.27905E-05	0	0	0	0	0	0	0	5.25597E-10	0	0	5.25597E-10	0.000525597
578605.014141616.41	578605.01	4141616	8.10421E-05	0	0	0	0	0	0	0	5.85179E-10	0	0	5.85179E-10	0.000585179
578625.014141616.41	578625.01	4141616	9.11741E-05	0	0	0	0	0	0	0	6.58339E-10	0	0	6.58339E-10	0.000658339
578645.014141616.41	578645.01	4141616	0.000103594	0	0	0	0	0	0	0	7.48015E-10	0	0	7.48015E-10	0.000748015
578665.014141616.41	578665.01	4141616	0.000119877	0	0	0	0	0	0	0	8.65592E-10	0	0	8.65592E-10	0.000865592

578685.014141616.41	578685.01	4141616	0.000141844	0	0	0	0	0	0	0	1.02421E-09	0	0	1.02421E-09	0.001024206
578705.014141616.41	578705.01	4141616	0.000171945	0	0	0	0	0	0	0	1.24156E-09	0	0	1.24156E-09	0.001241558
578725.014141616.41	578725.01	4141616	0.000213946	0	0	0	0	0	0	0	1.54484E-09	0	0	1.54484E-09	0.001544838
578745.014141616.41	578745.01	4141616	0.00027754	0	0	0	0	0	0	0	2.00403E-09	0	0	2.00403E-09	0.00200403
579065.014141616.41	579065.01	4141616	0.002148801	0	0	0	0	0	0	0	1.55158E-08	0	0	1.55158E-08	0.015515798
579085.014141616.41	579085.01	4141616	0.002336847	0	0	0	0	0	0	0	1.68736E-08	0	0	1.68736E-08	0.016873615
579105.014141616.41	579105.01	4141616	0.002221484	0	0	0	0	0	0	0	1.60406E-08	0	0	1.60406E-08	0.016040618
579125.014141616.41	579125.01	4141616	0.001754803	0	0	0	0	0	0	0	1.26709E-08	0	0	1.26709E-08	0.012670867
579165.014141616.41	579165.01	4141616	0.001210734	0	0	0	0	0	0	0	8.74232E-09	0	0	8.74232E-09	0.008742316
579185.014141616.41	579185.01	4141616	0.001057617	0	0	0	0	0	0	0	7.63671E-09	0	0	7.63671E-09	0.007636709
579205.014141616.41	579205.01	4141616	0.000947755	0	0	0	0	0	0	0	6.84343E-09	0	0	6.84343E-09	0.006843433
579225.014141616.41	579225.01	4141616	0.000874108	0	0	0	0	0	0	0	6.31165E-09	0	0	6.31165E-09	0.006311655
579245.014141616.41	579245.01	4141616	0.000837257	0	0	0	0	0	0	0	6.04556E-09	0	0	6.04556E-09	0.006045563
579265.014141616.41	579265.01	4141616	0.000837528	0	0	0	0	0	0	0	6.04752E-09	0	0	6.04752E-09	0.006047522
579285.014141616.41	579285.01	4141616	0.000853082	0	0	0	0	0	0	0	6.15983E-09	0	0	6.15983E-09	0.006159829
579305.014141616.41	579305.01	4141616	0.000944429	0	0	0	0	0	0	0	6.81942E-09	0	0	6.81942E-09	0.006819417
579325.014141616.41	579325.01	4141616	0.001114316	0	0	0	0	0	0	0	8.04611E-09	0	0	8.04611E-09	0.008046114
579345.014141616.41	579345.01	4141616	0.00145298	0	0	0	0	0	0	0	1.04915E-08	0	0	1.04915E-08	0.010491502
578385.014141636.41	578385.01	4141636	3.39465E-05	0	0	0	0	0	0	0	2.45116E-10	0	0	2.45116E-10	0.000245116
578405.014141636.41	578405.01	4141636	3.61544E-05	0	0	0	0	0	0	0	2.61059E-10	0	0	2.61059E-10	0.000261059
578425.014141636.41	578425.01	4141636	3.84886E-05	0	0	0	0	0	0	0	2.77913E-10	0	0	2.77913E-10	0.000277913
578445.014141636.41	578445.01	4141636	4.11642E-05	0	0	0	0	0	0	0	2.97234E-10	0	0	2.97234E-10	0.000297234
578465.014141636.41	578465.01	4141636	4.4158E-05	0	0	0	0	0	0	0	3.18851E-10	0	0	3.18851E-10	0.000318851
578485.014141636.41	578485.01	4141636	4.73014E-05	0	0	0	0	0	0	0	3.41548E-10	0	0	3.41548E-10	0.000341548
578505.014141636.41	578505.01	4141636	5.11653E-05	0	0	0	0	0	0	0	3.69448E-10	0	0	3.69448E-10	0.000369448
578525.014141636.41	578525.01	4141636	5.57027E-05	0	0	0	0	0	0	0	4.02211E-10	0	0	4.02211E-10	0.000402211
578545.014141636.41	578545.01	4141636	6.06658E-05	0	0	0	0	0	0	0	4.38048E-10	0	0	4.38048E-10	0.000438048
578565.014141636.41	578565.01	4141636	6.66907E-05	0	0	0	0	0	0	0	4.81552E-10	0	0	4.81552E-10	0.000481552
578585.014141636.41	578585.01	4141636	7.40067E-05	0	0	0	0	0	0	0	5.34379E-10	0	0	5.34379E-10	0.000534379
578605.014141636.41	578605.01	4141636	8.26559E-05	0	0	0	0	0	0	0	5.96832E-10	0	0	5.96832E-10	0.000596832
578625.014141636.41	578625.01	4141636	9.30966E-05	0	0	0	0	0	0	0	6.72221E-10	0	0	6.72221E-10	0.000672221
578645.014141636.41	578645.01	4141636	0.000106367	0	0	0	0	0	0	0	7.68045E-10	0	0	7.68045E-10	0.000768045
578665.014141636.41	578665.01	4141636	0.00012339	0	0	0	0	0	0	0	8.90958E-10	0	0	8.90958E-10	0.000890958
578685.014141636.41	578685.01	4141636	0.000146685	0	0	0	0	0	0	0	1.05916E-09	0	0	1.05916E-09	0.001059165
578705.014141636.41	578705.01	4141636	0.000178793	0	0	0	0	0	0	0	1.29101E-09	0	0	1.29101E-09	0.001291007
578725.014141636.41	578725.01	4141636	0.000222128	0	0	0	0	0	0	0	1.60391E-09	0	0	1.60391E-09	0.001603913
579045.014141636.41	579045.01	4141636	0.002531057	0	0	0	0	0	0	0	1.82759E-08	0	0	1.82759E-08	0.01827595
579065.014141636.41	579065.01	4141636	0.002405801	0	0	0	0	0	0	0	1.73715E-08	0	0	1.73715E-08	0.017371515
579085.014141636.41	579085.01	4141636	0.001861582	0	0	0	0	0	0	0	1.34419E-08	0	0	1.34419E-08	0.013441884
579105.014141636.41	579105.01	4141636	0.001506559	0	0	0	0	0	0	0	1.08784E-08	0	0	1.08784E-08	0.010878379
579125.014141636.41	579125.01	4141636	0.001254489	0	0	0	0	0	0	0	9.05826E-09	0	0	9.05826E-09	0.009058262
579165.014141636.41	579165.01	4141636	0.000952508	0	0	0	0	0	0	0	6.87775E-09	0	0	6.87775E-09	0.00687775
579185.014141636.41	579185.01	4141636	0.000850701	0	0	0	0	0	0	0	6.14264E-09	0	0	6.14264E-09	0.006142637
579205.014141636.41	579205.01	4141636	0.000784702	0	0	0	0	0	0	0	5.66608E-09	0	0	5.66608E-09	0.005666083
579225.014141636.41	579225.01	4141636	0.000744333	0	0	0	0	0	0	0	5.37459E-09	0	0	5.37459E-09	0.005374592
579245.014141636.41	579245.01	4141636	0.000731381	0	0	0	0	0	0	0	5.28106E-09	0	0	5.28106E-09	0.005281065
579265.014141636.41	579265.01	4141636	0.000740783	0	0	0	0	0	0	0	5.34896E-09	0	0	5.34896E-09	0.005348955
579285.014141636.41	579285.01	4141636	0.000776498	0	0	0	0	0	0	0	5.60684E-09	0	0	5.60684E-09	0.005606839
579305.014141636.41	579305.01	4141636	0.000861918	0	0	0	0	0	0	0	6.22363E-09	0	0	6.22363E-09	0.006223633
579325.014141636.41	579325.01	4141636	0.001006662	0	0	0	0	0	0	0	7.26878E-09	0	0	7.26878E-09	0.007268781
579345.014141636.41	579345.01	4141636	0.001260715	0	0	0	0	0	0	0	9.10322E-09	0	0	9.10322E-09	0.009103219
578385.014141656.41	578385.01	4141656	3.42786E-05	0	0	0	0	0	0	0	2.47515E-10	0	0	2.47515E-10	0.000247515
578405.014141656.41	578405.01	4141656	3.6407E-05	0	0	0	0	0	0	0	2.62883E-10	0	0	2.62883E-10	0.000262883
578425.014141656.41	578425.01	4141656	3.86616E-05	0	0	0	0	0	0	0	2.79163E-10	0	0	2.79163E-10	0.000279163
578445.014141656.41	578445.01	4141656	4.13513E-05	0	0	0	0	0	0	0	2.98585E-10	0	0	2.98585E-10	0.000298585
578465.014141656.41	578465.01	4141656	4.45462E-05	0	0	0	0	0	0	0	3.21654E-10	0	0	3.21654E-10	0.000321654
578485.014141656.41	578485.01	4141656	4.79002E-05	0	0	0	0	0	0	0	3.45872E-10	0	0	3.45872E-10	0.000345872
578505.014141656.41	578505.01	4141656	5.19698E-05	0	0	0	0	0	0	0	3.75257E-10	0	0	3.75257E-10	0.000375257
578525.014141656.41	578525.01	4141656	5.62968E-05	0	0	0	0	0	0	0	4.06501E-10	0	0	4.06501E-10	0.000406501
578545.014141656.41	578545.01	4141656	6.14423E-05	0	0	0	0	0	0	0	4.43655E-10	0	0	4.43655E-10	0.000443655
578565.014141656.41	578565.01	4141656	6.76169E-05	0	0	0	0	0	0	0	4.8824E-10	0	0	4.8824E-10	0.00048824
578585.014141656.41	578585.01	4141656	7.50405E-05	0	0	0	0	0	0	0	5.41843E-10	0	0	5.41843E-10	0.000541843
578605.014141656.41	578605.01	4141656	8.40826E-05	0	0	0	0	0	0	0	6.07133E-10	0	0	6.07133E-10	0.000607133
578625.014141656.41	578625.01	4141656	9.54823E-05	0	0	0	0	0	0	0	6.89447E-10	0	0	6.89447E-10	0.000689447
578645.014141656.41	578645.01	4141656	0.000109394	0	0	0	0	0	0	0	7.89898E-10	0	0	7.89898E-10	0.000789898
578665.014141656.41	578665.01	4141656	0.000127328	0	0	0	0	0	0	0	9.19398E-10	0	0	9.19398E-10	0.000919398
578685.014141656.41	578685.01	4141656	0.00015235	0	0	0	0	0	0	0	1.10007E-09	0	0	1.10007E-09	0.001100068
578705.014141656.41	578705.01	4141656	0.000183887	0	0	0	0	0	0	0	1.32779E-09	0	0	1.32779E-09	0.00132779
578725.014141656.41	578725.01	4141656	0.000227601	0	0	0	0	0	0	0	1.64343E-09	0	0	1.64343E-09	0.001643432
579005.014141656.41	579005.01	4141656	0.00191184	0	0	0	0	0	0	0	1.38048E-08	0	0	1.38048E-08	0.013804779
579025.014141656.41	579025.01	4141656	0.002609836	0	0	0	0	0	0	0	1.88448E-08	0	0	1.88448E-08	0.01884478

579045.014141656.41	579045.01	4141656	0.001972103	0	0	0	0	0	0	0	1.42399E-08	0	0	1.42399E-08	0.014239922
579065.014141656.41	579065.01	4141656	0.001576567	0	0	0	0	0	0	0	1.13839E-08	0	0	1.13839E-08	0.011383879
579085.014141656.41	579085.01	4141656	0.001303475	0	0	0	0	0	0	0	9.41197E-09	0	0	9.41197E-09	0.00941197
579105.014141656.41	579105.01	4141656	0.001108015	0	0	0	0	0	0	0	8.00062E-09	0	0	8.00062E-09	0.008000617
579125.014141656.41	579125.01	4141656	0.000964632	0	0	0	0	0	0	0	6.9653E-09	0	0	6.9653E-09	0.006965298
579145.014141656.41	579145.01	4141656	0.000854738	0	0	0	0	0	0	0	6.17179E-09	0	0	6.17179E-09	0.006171786
579185.014141656.41	579185.01	4141656	0.000709756	0	0	0	0	0	0	0	5.12492E-09	0	0	5.12492E-09	0.005124916
579205.014141656.41	579205.01	4141656	0.000671117	0	0	0	0	0	0	0	4.84592E-09	0	0	4.84592E-09	0.004845921
579225.014141656.41	579225.01	4141656	0.000651424	0	0	0	0	0	0	0	4.70372E-09	0	0	4.70372E-09	0.004703722
579245.014141656.41	579245.01	4141656	0.000654043	0	0	0	0	0	0	0	4.72264E-09	0	0	4.72264E-09	0.004722637
579265.014141656.41	579265.01	4141656	0.000665789	0	0	0	0	0	0	0	4.80745E-09	0	0	4.80745E-09	0.00480745
579285.014141656.41	579285.01	4141656	0.000709465	0	0	0	0	0	0	0	5.12282E-09	0	0	5.12282E-09	0.005122821
579305.014141656.41	579305.01	4141656	0.000793955	0	0	0	0	0	0	0	5.73289E-09	0	0	5.73289E-09	0.005732893
579325.014141656.41	579325.01	4141656	0.000915567	0	0	0	0	0	0	0	6.61102E-09	0	0	6.61102E-09	0.006611016
579345.014141656.41	579345.01	4141656	0.001121407	0	0	0	0	0	0	0	8.09732E-09	0	0	8.09732E-09	0.008097319
578385.014141676.41	578385.01	4141676	3.45125E-05	0	0	0	0	0	0	0	2.49203E-10	0	0	2.49203E-10	0.000249203
578405.014141676.41	578405.01	4141676	3.66175E-05	0	0	0	0	0	0	0	2.64403E-10	0	0	2.64403E-10	0.000264403
578425.014141676.41	578425.01	4141676	3.87879E-05	0	0	0	0	0	0	0	2.80075E-10	0	0	2.80075E-10	0.000280075
578445.014141676.41	578445.01	4141676	4.15805E-05	0	0	0	0	0	0	0	3.0024E-10	0	0	3.0024E-10	0.00030024
578465.014141676.41	578465.01	4141676	4.49064E-05	0	0	0	0	0	0	0	3.24255E-10	0	0	3.24255E-10	0.000324255
578485.014141676.41	578485.01	4141676	4.83539E-05	0	0	0	0	0	0	0	3.49148E-10	0	0	3.49148E-10	0.000349148
578505.014141676.41	578505.01	4141676	5.25686E-05	0	0	0	0	0	0	0	3.79581E-10	0	0	3.79581E-10	0.000379581
578525.014141676.41	578525.01	4141676	5.70733E-05	0	0	0	0	0	0	0	4.12108E-10	0	0	4.12108E-10	0.000412108
578545.014141676.41	578545.01	4141676	6.24199E-05	0	0	0	0	0	0	0	4.50714E-10	0	0	4.50714E-10	0.000450714
578565.014141676.41	578565.01	4141676	6.8791E-05	0	0	0	0	0	0	0	4.96718E-10	0	0	4.96718E-10	0.000496718
578585.014141676.41	578585.01	4141676	7.64953E-05	0	0	0	0	0	0	0	5.52348E-10	0	0	5.52348E-10	0.000552348
578605.014141676.41	578605.01	4141676	8.57994E-05	0	0	0	0	0	0	0	6.19529E-10	0	0	6.19529E-10	0.000619529
578625.014141676.41	578625.01	4141676	9.75452E-05	0	0	0	0	0	0	0	7.04342E-10	0	0	7.04342E-10	0.000704342
578645.014141676.41	578645.01	4141676	0.000112608	0	0	0	0	0	0	0	8.13103E-10	0	0	8.13103E-10	0.000813103
578665.014141676.41	578665.01	4141676	0.000131828	0	0	0	0	0	0	0	9.51891E-10	0	0	9.51891E-10	0.000951891
578685.014141676.41	578685.01	4141676	0.000155821	0	0	0	0	0	0	0	1.12513E-09	0	0	1.12513E-09	0.001125131
578705.014141676.41	578705.01	4141676	0.000187573	0	0	0	0	0	0	0	1.35441E-09	0	0	1.35441E-09	0.001354406
578985.014141676.41	578985.01	4141676	0.002167016	0	0	0	0	0	0	0	1.56473E-08	0	0	1.56473E-08	0.015647324
579005.014141676.41	579005.01	4141676	0.002080997	0	0	0	0	0	0	0	1.50262E-08	0	0	1.50262E-08	0.015026207
579025.014141676.41	579025.01	4141676	0.001638837	0	0	0	0	0	0	0	1.18335E-08	0	0	1.18335E-08	0.011833512
579045.014141676.41	579045.01	4141676	0.001345051	0	0	0	0	0	0	0	9.71218E-09	0	0	9.71218E-09	0.009712176
579065.014141676.41	579065.01	4141676	0.001130613	0	0	0	0	0	0	0	8.16379E-09	0	0	8.16379E-09	0.008163792
579085.014141676.41	579085.01	4141676	0.000977014	0	0	0	0	0	0	0	7.0547E-09	0	0	7.0547E-09	0.007054705
579105.014141676.41	579105.01	4141676	0.000857526	0	0	0	0	0	0	0	6.19192E-09	0	0	6.19192E-09	0.006191917
579125.014141676.41	579125.01	4141676	0.000764757	0	0	0	0	0	0	0	5.52206E-09	0	0	5.52206E-09	0.00552206
579145.014141676.41	579145.01	4141676	0.000695516	0	0	0	0	0	0	0	5.0221E-09	0	0	5.0221E-09	0.0050221
579165.014141676.41	579165.01	4141676	0.000647354	0	0	0	0	0	0	0	4.67434E-09	0	0	4.67434E-09	0.004674336
579185.014141676.41	579185.01	4141676	0.000611106	0	0	0	0	0	0	0	4.4126E-09	0	0	4.4126E-09	0.004412602
579205.014141676.41	579205.01	4141676	0.00058776	0	0	0	0	0	0	0	4.24402E-09	0	0	4.24402E-09	0.004244023
579225.014141676.41	579225.01	4141676	0.000579943	0	0	0	0	0	0	0	4.18758E-09	0	0	4.18758E-09	0.004187583
579245.014141676.41	579245.01	4141676	0.000591076	0	0	0	0	0	0	0	4.26797E-09	0	0	4.26797E-09	0.004267971
579265.014141676.41	579265.01	4141676	0.000617351	0	0	0	0	0	0	0	4.45769E-09	0	0	4.45769E-09	0.004457694
579285.014141676.41	579285.01	4141676	0.000658356	0	0	0	0	0	0	0	4.75378E-09	0	0	4.75378E-09	0.004753779
579305.014141676.41	579305.01	4141676	0.000724266	0	0	0	0	0	0	0	5.22969E-09	0	0	5.22969E-09	0.00522969
579325.014141676.41	579325.01	4141676	0.000845948	0	0	0	0	0	0	0	6.10832E-09	0	0	6.10832E-09	0.00610832
579345.014141676.41	579345.01	4141676	0.001048083	0	0	0	0	0	0	0	7.56787E-09	0	0	7.56787E-09	0.007567872
578385.014141696.41	578385.01	4141696	3.47089E-05	0	0	0	0	0	0	0	2.50622E-10	0	0	2.50622E-10	0.000250622
578405.014141696.41	578405.01	4141696	3.66736E-05	0	0	0	0	0	0	0	2.64808E-10	0	0	2.64808E-10	0.000264808
578425.014141696.41	578425.01	4141696	3.92323E-05	0	0	0	0	0	0	0	2.83284E-10	0	0	2.83284E-10	0.000283284
578445.014141696.41	578445.01	4141696	4.22495E-05	0	0	0	0	0	0	0	3.0507E-10	0	0	3.0507E-10	0.00030507
578465.014141696.41	578465.01	4141696	4.53695E-05	0	0	0	0	0	0	0	3.27599E-10	0	0	3.27599E-10	0.000327599
578485.014141696.41	578485.01	4141696	4.88591E-05	0	0	0	0	0	0	0	3.52796E-10	0	0	3.52796E-10	0.000352796
578505.014141696.41	578505.01	4141696	5.3158E-05	0	0	0	0	0	0	0	3.83837E-10	0	0	3.83837E-10	0.000383837
578525.014141696.41	578525.01	4141696	5.80229E-05	0	0	0	0	0	0	0	4.18964E-10	0	0	4.18964E-10	0.000418964
578565.014141696.41	578565.01	4141696	7.01944E-05	0	0	0	0	0	0	0	5.06851E-10	0	0	5.06851E-10	0.000506851
578585.014141696.41	578585.01	4141696	7.8198E-05	0	0	0	0	0	0	0	5.64643E-10	0	0	5.64643E-10	0.000564643
578605.014141696.41	578605.01	4141696	8.79511E-05	0	0	0	0	0	0	0	6.35067E-10	0	0	6.35067E-10	0.000635067
578625.014141696.41	578625.01	4141696	9.99262E-05	0	0	0	0	0	0	0	7.21535E-10	0	0	7.21535E-10	0.000721535
578645.014141696.41	578645.01	4141696	0.000115508	0	0	0	0	0	0	0	8.34044E-10	0	0	8.34044E-10	0.000834044
578665.014141696.41	578665.01	4141696	0.000134803	0	0	0	0	0	0	0	9.73373E-10	0	0	9.73373E-10	0.000973373
578685.014141696.41	578685.01	4141696	0.000158711	0	0	0	0	0	0	0	1.146E-09	0	0	1.146E-09	0.001146004
578945.014141696.41	578945.01	4141696	0.001730605	0	0	0	0	0	0	0	1.24961E-08	0	0	1.24961E-08	0.012496141
578965.014141696.41	578965.01	4141696	0.002039543	0	0	0	0	0	0	0	1.47269E-08	0	0	1.47269E-08	0.014726879
578985.014141696.41	578985.01	4141696	0.001637588	0	0	0	0	0	0	0	1.18245E-08	0	0	1.18245E-08	0.011824494
579005.014141696.41	579005.01	4141696	0.00135064	0	0	0	0	0	0	0	9.75254E-09	0	0	9.75254E-09	0.009752539
579025.014141696.41	579025.01	4141696	0.001137644	0	0	0	0	0	0	0	8.21456E-09	0	0	8.21456E-09	0.008214558

579045.014141696.41	579045.01	4141696	0.000978549	0	0	0	0	0	0	0	7.06578E-09	0	0	7.06578E-09	0.007065784
579065.014141696.41	579065.01	4141696	0.000858616	0	0	0	0	0	0	0	6.19979E-09	0	0	6.19979E-09	0.006199787
579085.014141696.41	579085.01	4141696	0.000763989	0	0	0	0	0	0	0	5.51652E-09	0	0	5.51652E-09	0.005516521
579105.014141696.41	579105.01	4141696	0.000689594	0	0	0	0	0	0	0	4.97934E-09	0	0	4.97934E-09	0.004979339
579125.014141696.41	579125.01	4141696	0.000628826	0	0	0	0	0	0	0	4.54055E-09	0	0	4.54055E-09	0.004540548
579145.014141696.41	579145.01	4141696	0.000584925	0	0	0	0	0	0	0	4.22355E-09	0	0	4.22355E-09	0.004223555
579165.014141696.41	579165.01	4141696	0.000553738	0	0	0	0	0	0	0	3.99837E-09	0	0	3.99837E-09	0.003998366
579185.014141696.41	579185.01	4141696	0.000533933	0	0	0	0	0	0	0	3.85536E-09	0	0	3.85536E-09	0.003855357
579205.014141696.41	579205.01	4141696	0.000522613	0	0	0	0	0	0	0	3.77362E-09	0	0	3.77362E-09	0.003773617
579225.014141696.41	579225.01	4141696	0.000523384	0	0	0	0	0	0	0	3.77919E-09	0	0	3.77919E-09	0.00377919
579245.014141696.41	579245.01	4141696	0.000534251	0	0	0	0	0	0	0	3.85765E-09	0	0	3.85765E-09	0.003857653
579265.014141696.41	579265.01	4141696	0.000566242	0	0	0	0	0	0	0	4.08865E-09	0	0	4.08865E-09	0.004088651
579285.014141696.41	579285.01	4141696	0.000613141	0	0	0	0	0	0	0	4.42729E-09	0	0	4.42729E-09	0.004427295
579305.014141696.41	579305.01	4141696	0.000673676	0	0	0	0	0	0	0	4.8644E-09	0	0	4.8644E-09	0.004864397
579325.014141696.41	579325.01	4141696	0.000787715	0	0	0	0	0	0	0	5.68784E-09	0	0	5.68784E-09	0.005687836
579345.014141696.41	579345.01	4141696	0.000965236	0	0	0	0	0	0	0	6.96966E-09	0	0	6.96966E-09	0.006969656
578385.014141716.41	578385.01	4141716	3.48867E-05	0	0	0	0	0	0	0	2.51905E-10	0	0	2.51905E-10	0.000251905
578405.014141716.41	578405.01	4141716	3.71039E-05	0	0	0	0	0	0	0	2.67916E-10	0	0	2.67916E-10	0.000267916
578425.014141716.41	578425.01	4141716	3.98404E-05	0	0	0	0	0	0	0	2.87675E-10	0	0	2.87675E-10	0.000287675
578445.014141716.41	578445.01	4141716	4.27313E-05	0	0	0	0	0	0	0	3.08549E-10	0	0	3.08549E-10	0.000308549
578465.014141716.41	578465.01	4141716	4.58467E-05	0	0	0	0	0	0	0	3.31044E-10	0	0	3.31044E-10	0.000331044
578485.014141716.41	578485.01	4141716	4.94626E-05	0	0	0	0	0	0	0	3.57153E-10	0	0	3.57153E-10	0.000357153
578505.014141716.41	578505.01	4141716	5.39672E-05	0	0	0	0	0	0	0	3.8968E-10	0	0	3.8968E-10	0.00038968
578525.014141716.41	578525.01	4141716	5.92204E-05	0	0	0	0	0	0	0	4.27611E-10	0	0	4.27611E-10	0.000427611
578605.014141716.41	578605.01	4141716	9.00748E-05	0	0	0	0	0	0	0	6.50401E-10	0	0	6.50401E-10	0.000650401
578625.014141716.41	578625.01	4141716	0.000102653	0	0	0	0	0	0	0	7.41226E-10	0	0	7.41226E-10	0.000741226
578645.014141716.41	578645.01	4141716	0.000118342	0	0	0	0	0	0	0	8.54513E-10	0	0	8.54513E-10	0.000854513
578665.014141716.41	578665.01	4141716	0.000137082	0	0	0	0	0	0	0	9.89822E-10	0	0	9.89822E-10	0.000989822
578685.014141716.41	578685.01	4141716	0.000160774	0	0	0	0	0	0	0	1.1609E-09	0	0	1.1609E-09	0.0011609
578905.014141716.41	578905.01	4141716	0.001348236	0	0	0	0	0	0	0	9.73518E-09	0	0	9.73518E-09	0.009735178
578925.014141716.41	578925.01	4141716	0.001487652	0	0	0	0	0	0	0	1.07419E-08	0	0	1.07419E-08	0.010741854
578945.014141716.41	578945.01	4141716	0.001421045	0	0	0	0	0	0	0	1.02609E-08	0	0	1.02609E-08	0.01026091
578965.014141716.41	578965.01	4141716	0.001254068	0	0	0	0	0	0	0	9.05522E-09	0	0	9.05522E-09	0.009055222
578985.014141716.41	578985.01	4141716	0.001090108	0	0	0	0	0	0	0	7.87132E-09	0	0	7.87132E-09	0.00787132
579005.014141716.41	579005.01	4141716	0.00095037	0	0	0	0	0	0	0	6.86231E-09	0	0	6.86231E-09	0.006862314
579025.014141716.41	579025.01	4141716	0.00083961	0	0	0	0	0	0	0	6.06255E-09	0	0	6.06255E-09	0.006062553
579045.014141716.41	579045.01	4141716	0.000749039	0	0	0	0	0	0	0	5.40857E-09	0	0	5.40857E-09	0.005408571
579065.014141716.41	579065.01	4141716	0.000674658	0	0	0	0	0	0	0	4.87149E-09	0	0	4.87149E-09	0.00487149
579085.014141716.41	579085.01	4141716	0.000616051	0	0	0	0	0	0	0	4.4483E-09	0	0	4.4483E-09	0.004448304
579105.014141716.41	579105.01	4141716	0.000571327	0	0	0	0	0	0	0	4.12537E-09	0	0	4.12537E-09	0.004125366
579125.014141716.41	579125.01	4141716	0.00053209	0	0	0	0	0	0	0	3.84205E-09	0	0	3.84205E-09	0.003842049
579145.014141716.41	579145.01	4141716	0.000502129	0	0	0	0	0	0	0	3.62571E-09	0	0	3.62571E-09	0.00362571
579165.014141716.41	579165.01	4141716	0.000484208	0	0	0	0	0	0	0	3.49631E-09	0	0	3.49631E-09	0.003496312
579185.014141716.41	579185.01	4141716	0.000473449	0	0	0	0	0	0	0	3.41863E-09	0	0	3.41863E-09	0.003418626
579205.014141716.41	579205.01	4141716	0.000470156	0	0	0	0	0	0	0	3.39485E-09	0	0	3.39485E-09	0.003394847
579225.014141716.41	579225.01	4141716	0.000476116	0	0	0	0	0	0	0	3.43788E-09	0	0	3.43788E-09	0.003437878
579245.014141716.41	579245.01	4141716	0.000486454	0	0	0	0	0	0	0	3.51252E-09	0	0	3.51252E-09	0.003512525
579265.014141716.41	579265.01	4141716	0.000518749	0	0	0	0	0	0	0	3.74572E-09	0	0	3.74572E-09	0.003745718
579285.014141716.41	579285.01	4141716	0.000564525	0	0	0	0	0	0	0	4.07626E-09	0	0	4.07626E-09	0.004076255
579305.014141716.41	579305.01	4141716	0.000622941	0	0	0	0	0	0	0	4.49806E-09	0	0	4.49806E-09	0.004498057
579325.014141716.41	579325.01	4141716	0.000721712	0	0	0	0	0	0	0	5.21125E-09	0	0	5.21125E-09	0.005211248
579345.014141716.41	579345.01	4141716	0.000876934	0	0	0	0	0	0	0	6.33206E-09	0	0	6.33206E-09	0.006332056
578385.014141736.41	578385.01	4141736	3.51627E-05	0	0	0	0	0	0	0	2.53898E-10	0	0	2.53898E-10	0.000253898
578405.014141736.41	578405.01	4141736	3.76887E-05	0	0	0	0	0	0	0	2.72138E-10	0	0	2.72138E-10	0.000272138
578425.014141736.41	578425.01	4141736	4.03222E-05	0	0	0	0	0	0	0	2.91154E-10	0	0	2.91154E-10	0.000291154
578445.014141736.41	578445.01	4141736	4.3171E-05	0	0	0	0	0	0	0	3.11724E-10	0	0	3.11724E-10	0.000311724
578465.014141736.41	578465.01	4141736	4.63331E-05	0	0	0	0	0	0	0	3.34557E-10	0	0	3.34557E-10	0.000334557
578485.014141736.41	578485.01	4141736	5.0197E-05	0	0	0	0	0	0	0	3.62456E-10	0	0	3.62456E-10	0.000362456
578505.014141736.41	578505.01	4141736	5.5422E-05	0	0	0	0	0	0	0	4.00185E-10	0	0	4.00185E-10	0.000400185
578625.014141736.41	578625.01	4141736	0.000105147	0	0	0	0	0	0	0	7.59229E-10	0	0	7.59229E-10	0.000759229
578645.014141736.41	578645.01	4141736	0.000120186	0	0	0	0	0	0	0	8.67821E-10	0	0	8.67821E-10	0.000867821
578665.014141736.41	578665.01	4141736	0.000138667	0	0	0	0	0	0	0	1.00127E-09	0	0	1.00127E-09	0.001001272
578865.014141736.41	578865.01	4141736	0.000732517	0	0	0	0	0	0	0	5.28927E-09	0	0	5.28927E-09	0.005289272
578885.014141736.41	578885.01	4141736	0.00086211	0	0	0	0	0	0	0	6.22502E-09	0	0	6.22502E-09	0.006225018
578905.014141736.41	578905.01	4141736	0.000959314	0	0	0	0	0	0	0	6.92689E-09	0	0	6.92689E-09	0.006926894
578925.014141736.41	578925.01	4141736	0.000983264	0	0	0	0	0	0	0	7.09983E-09	0	0	7.09983E-09	0.00709983
578945.014141736.41	578945.01	4141736	0.000943044	0	0	0	0	0	0	0	6.80942E-09	0	0	6.80942E-09	0.00680942
578965.014141736.41	578965.01	4141736	0.000867574	0	0	0	0	0	0	0	6.26447E-09	0	0	6.26447E-09	0.006264469
578985.014141736.41	578985.01	4141736	0.000789025	0	0	0	0	0	0	0	5.69729E-09	0	0	5.69729E-09	0.005697293
579005.014141736.41	579005.01	4141736	0.000714976	0	0	0	0	0	0	0	5.16261E-09	0	0	5.16261E-09	0.00516261
579025.014141736.41	579025.01	4141736	0.000649922	0	0	0	0	0	0	0	4.69288E-09	0	0	4.69288E-09	0.00469288

579045.014141736.41	579045.01	4141736	0.000594313	0	0	0	0	0	0	0	4.29134E-09	0	0	4.29134E-09	0.004291344
579065.014141736.41	579065.01	4141736	0.000549065	0	0	0	0	0	0	0	3.96462E-09	0	0	3.96462E-09	0.003964624
579085.014141736.41	579085.01	4141736	0.000512406	0	0	0	0	0	0	0	3.69992E-09	0	0	3.69992E-09	0.003699917
579105.014141736.41	579105.01	4141736	0.000483343	0	0	0	0	0	0	0	3.49006E-09	0	0	3.49006E-09	0.003490063
579125.014141736.41	579125.01	4141736	0.000458644	0	0	0	0	0	0	0	3.31172E-09	0	0	3.31172E-09	0.003311723
579145.014141736.41	579145.01	4141736	0.000440111	0	0	0	0	0	0	0	3.1779E-09	0	0	3.1779E-09	0.0031779
579165.014141736.41	579165.01	4141736	0.000429357	0	0	0	0	0	0	0	3.10025E-09	0	0	3.10025E-09	0.003100248
579185.014141736.41	579185.01	4141736	0.000425343	0	0	0	0	0	0	0	3.07127E-09	0	0	3.07127E-09	0.003071268
579205.014141736.41	579205.01	4141736	0.000427163	0	0	0	0	0	0	0	3.08441E-09	0	0	3.08441E-09	0.003084407
579225.014141736.41	579225.01	4141736	0.000436299	0	0	0	0	0	0	0	3.15037E-09	0	0	3.15037E-09	0.003150372
579245.014141736.41	579245.01	4141736	0.000453401	0	0	0	0	0	0	0	3.27386E-09	0	0	3.27386E-09	0.003273859
579265.014141736.41	579265.01	4141736	0.000479802	0	0	0	0	0	0	0	3.46449E-09	0	0	3.46449E-09	0.003464494
579285.014141736.41	579285.01	4141736	0.000523099	0	0	0	0	0	0	0	3.77713E-09	0	0	3.77713E-09	0.00377713
579305.014141736.41	579305.01	4141736	0.000589294	0	0	0	0	0	0	0	4.2551E-09	0	0	4.2551E-09	0.004255102
579325.014141736.41	579325.01	4141736	0.000679996	0	0	0	0	0	0	0	4.91003E-09	0	0	4.91003E-09	0.004910029
579345.014141736.41	579345.01	4141736	0.000824225	0	0	0	0	0	0	0	5.95146E-09	0	0	5.95146E-09	0.005951462
578385.014141756.41	578385.01	4141756	3.57614E-05	0	0	0	0	0	0	0	2.58222E-10	0	0	2.58222E-10	0.000258222
578405.014141756.41	578405.01	4141756	3.81658E-05	0	0	0	0	0	0	0	2.75583E-10	0	0	2.75583E-10	0.000275583
578425.014141756.41	578425.01	4141756	4.08228E-05	0	0	0	0	0	0	0	2.94768E-10	0	0	2.94768E-10	0.000294768
578445.014141756.41	578445.01	4141756	4.38072E-05	0	0	0	0	0	0	0	3.16317E-10	0	0	3.16317E-10	0.000316317

Cubberley Community Center Master Plan - Mitigation

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations

Residential Receptors

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)
Demolition - Phase II	2032	0.01		8	0.000153471
Grading- Phase II	2032	0.00		8	0
Building Construction I- Phase II	2032	0.00		8	0
Building Construction II- Phase II	2033	0.00		8	0
Paving- Phase II	2033	0.00		8	0
Architectural Coating- Phase II	2033	0.00		8	0

Risk Summary	
Maximum Risk, Uncontrolled	0.006
UTM X	579145.01
UTM Y	4141516.41

AERMOD Column Identifier:			*14*	*14*	*14*	*14*	*14*	*14*				
			Demolition - Phase II	Grading- Phase II	Building Construction I- Phase II	Building Construction II- Phase II	Paving- Phase II	Architectural Coating- Phase II	Child Risk			
Unique Identifier	X (UTM)	Y (UTM)	2032	2032	2032	2033	2033	2033	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.4	578385.01	4141176	6.77116E-06	0	0	0	0	0	0	0	1.92094E-11	1.92094E-11	1.92094E-05
578405.014141176.4	578405.01	4141176	7.10726E-06	0	0	0	0	0	0	0	2.01629E-11	2.01629E-11	2.01629E-05
578425.014141176.4	578425.01	4141176	7.5155E-06	0	0	0	0	0	0	0	2.1321E-11	2.1321E-11	2.1321E-05
578445.014141176.4	578445.01	4141176	8.223E-06	0	0	0	0	0	0	0	2.33282E-11	2.33282E-11	2.33282E-05
578465.014141176.4	578465.01	4141176	8.4839E-06	0	0	0	0	0	0	0	2.40683E-11	2.40683E-11	2.40683E-05
578485.014141176.4	578485.01	4141176	9.16838E-06	0	0	0	0	0	0	0	2.60102E-11	2.60102E-11	2.60102E-05
578505.014141176.4	578505.01	4141176	9.87896E-06	0	0	0	0	0	0	0	2.8026E-11	2.8026E-11	2.8026E-05
578525.014141176.4	578525.01	4141176	1.05435E-05	0	0	0	0	0	0	0	2.99112E-11	2.99112E-11	2.99112E-05
578545.014141176.4	578545.01	4141176	1.15794E-05	0	0	0	0	0	0	0	3.28501E-11	3.28501E-11	3.28501E-05
578565.014141176.4	578565.01	4141176	1.22025E-05	0	0	0	0	0	0	0	3.46178E-11	3.46178E-11	3.46178E-05
578585.014141176.4	578585.01	4141176	1.35884E-05	0	0	0	0	0	0	0	3.85494E-11	3.85494E-11	3.85494E-05
578605.014141176.4	578605.01	4141176	1.49635E-05	0	0	0	0	0	0	0	4.24505E-11	4.24505E-11	4.24505E-05
578625.014141176.4	578625.01	4141176	1.53517E-05	0	0	0	0	0	0	0	4.3552E-11	4.3552E-11	4.3552E-05
578645.014141176.4	578645.01	4141176	1.66102E-05	0	0	0	0	0	0	0	4.71222E-11	4.71222E-11	4.71222E-05
578665.014141176.4	578665.01	4141176	1.83107E-05	0	0	0	0	0	0	0	5.19463E-11	5.19463E-11	5.19463E-05
578685.014141176.4	578685.01	4141176	2.13494E-05	0	0	0	0	0	0	0	6.0567E-11	6.0567E-11	6.0567E-05
578705.014141176.4	578705.01	4141176	2.36008E-05	0	0	0	0	0	0	0	6.69542E-11	6.69542E-11	6.69542E-05
578725.014141176.4	578725.01	4141176	2.62068E-05	0	0	0	0	0	0	0	7.43471E-11	7.43471E-11	7.43471E-05
578745.014141176.4	578745.01	4141176	2.93483E-05	0	0	0	0	0	0	0	8.32595E-11	8.32595E-11	8.32595E-05
578765.014141176.4	578765.01	4141176	3.28061E-05	0	0	0	0	0	0	0	9.30688E-11	9.30688E-11	9.30688E-05
578785.014141176.4	578785.01	4141176	3.70158E-05	0	0	0	0	0	0	0	1.05012E-10	1.05012E-10	0.000105012
578805.014141176.4	578805.01	4141176	4.20174E-05	0	0	0	0	0	0	0	1.19201E-10	1.19201E-10	0.000119201
578825.014141176.4	578825.01	4141176	4.81164E-05	0	0	0	0	0	0	0	1.36503E-10	1.36503E-10	0.000136503
578845.014141176.4	578845.01	4141176	5.53587E-05	0	0	0	0	0	0	0	1.57049E-10	1.57049E-10	0.000157049
578865.014141176.4	578865.01	4141176	6.30384E-05	0	0	0	0	0	0	0	1.78836E-10	1.78836E-10	0.000178836
578885.014141176.4	578885.01	4141176	7.16604E-05	0	0	0	0	0	0	0	2.03296E-10	2.03296E-10	0.000203296
578905.014141176.4	578905.01	4141176	8.06738E-05	0	0	0	0	0	0	0	2.28867E-10	2.28867E-10	0.000228867
578925.014141176.4	578925.01	4141176	8.99481E-05	0	0	0	0	0	0	0	2.55177E-10	2.55177E-10	0.000255177
578945.014141176.4	578945.01	4141176	9.91563E-05	0	0	0	0	0	0	0	2.81301E-10	2.81301E-10	0.000281301
578965.014141176.4	578965.01	4141176	0.000107608	0	0	0	0	0	0	0	3.05278E-10	3.05278E-10	0.000305278
578985.014141176.4	578985.01	4141176	0.00011532	0	0	0	0	0	0	0	3.27156E-10	3.27156E-10	0.000327156
579005.014141176.4	579005.01	4141176	0.000122105	0	0	0	0	0	0	0	3.46404E-10	3.46404E-10	0.000346404
579025.014141176.4	579025.01	4141176	0.000128801	0	0	0	0	0	0	0	3.65401E-10	3.65401E-10	0.000365401
579045.014141176.4	579045.01	4141176	0.000135701	0	0	0	0	0	0	0	3.84976E-10	3.84976E-10	0.000384976
579065.014141176.4	579065.01	4141176	0.000142727	0	0	0	0	0	0	0	4.04908E-10	4.04908E-10	0.000404908
579085.014141176.4	579085.01	4141176	0.000149733	0	0	0	0	0	0	0	4.24783E-10	4.24783E-10	0.000424783
579105.014141176.4	579105.01	4141176	0.000157136	0	0	0	0	0	0	0	4.45786E-10	4.45786E-10	0.000445786
579125.014141176.4	579125.01	4141176	0.000165039	0	0	0	0	0	0	0	4.68205E-10	4.68205E-10	0.000468205
579145.014141176.4	579145.01	4141176	0.000173418	0	0	0	0	0	0	0	4.91977E-10	4.91977E-10	0.000491977
579165.014141176.4	579165.01	4141176	0.000182023	0	0	0	0	0	0	0	5.16389E-10	5.16389E-10	0.000516389
579185.014141176.4	579185.01	4141176	0.000191812	0	0	0	0	0	0	0	5.44158E-10	5.44158E-10	0.000544158
579205.014141176.4	579205.01	4141176	0.0002018	0	0	0	0	0	0	0	5.72493E-10	5.72493E-10	0.000572493

579225.014141176.4:	579225.01	4141176	0.000212449	0	0	0	0	0	0	0	6.02705E-10	6.02705E-10	0.000602705
578385.014141196.4:	578385.01	4141196	6.90775E-06	0	0	0	0	0	0	0	1.95969E-11	1.95969E-11	1.95969E-05
578405.014141196.4:	578405.01	4141196	7.24385E-06	0	0	0	0	0	0	0	2.05504E-11	2.05504E-11	2.05504E-05
578425.014141196.4:	578425.01	4141196	7.65976E-06	0	0	0	0	0	0	0	2.17303E-11	2.17303E-11	2.17303E-05
578445.014141196.4:	578445.01	4141196	8.08948E-06	0	0	0	0	0	0	0	2.29494E-11	2.29494E-11	2.29494E-05
578465.014141196.4:	578465.01	4141196	8.80466E-06	0	0	0	0	0	0	0	2.49783E-11	2.49783E-11	2.49783E-05
578485.014141196.4:	578485.01	4141196	9.41394E-06	0	0	0	0	0	0	0	2.67068E-11	2.67068E-11	2.67068E-05
578505.014141196.4:	578505.01	4141196	1.0037E-05	0	0	0	0	0	0	0	2.84745E-11	2.84745E-11	2.84745E-05
578525.014141196.4:	578525.01	4141196	1.08151E-05	0	0	0	0	0	0	0	3.06819E-11	3.06819E-11	3.06819E-05
578545.014141196.4:	578545.01	4141196	1.16792E-05	0	0	0	0	0	0	0	3.31331E-11	3.31331E-11	3.31331E-05
578565.014141196.4:	578565.01	4141196	1.33244E-05	0	0	0	0	0	0	0	3.78005E-11	3.78005E-11	3.78005E-05
578585.014141196.4:	578585.01	4141196	1.4322E-05	0	0	0	0	0	0	0	4.06305E-11	4.06305E-11	4.06305E-05
578605.014141196.4:	578605.01	4141196	1.47148E-05	0	0	0	0	0	0	0	4.17451E-11	4.17451E-11	4.17451E-05
578625.014141196.4:	578625.01	4141196	1.57017E-05	0	0	0	0	0	0	0	4.45447E-11	4.45447E-11	4.45447E-05
578645.014141196.4:	578645.01	4141196	1.77244E-05	0	0	0	0	0	0	0	5.02831E-11	5.02831E-11	5.02831E-05
578665.014141196.4:	578665.01	4141196	2.01109E-05	0	0	0	0	0	0	0	5.70534E-11	5.70534E-11	5.70534E-05
578685.014141196.4:	578685.01	4141196	2.21536E-05	0	0	0	0	0	0	0	6.28485E-11	6.28485E-11	6.28485E-05
578705.014141196.4:	578705.01	4141196	2.44925E-05	0	0	0	0	0	0	0	6.94838E-11	6.94838E-11	6.94838E-05
578725.014141196.4:	578725.01	4141196	2.72412E-05	0	0	0	0	0	0	0	7.72816E-11	7.72816E-11	7.72816E-05
578745.014141196.4:	578745.01	4141196	3.05546E-05	0	0	0	0	0	0	0	8.66817E-11	8.66817E-11	8.66817E-05
578765.014141196.4:	578765.01	4141196	3.45433E-05	0	0	0	0	0	0	0	9.79974E-11	9.79974E-11	9.79974E-05
578785.014141196.4:	578785.01	4141196	3.90938E-05	0	0	0	0	0	0	0	1.10907E-10	1.10907E-10	0.000110907
578805.014141196.4:	578805.01	4141196	4.47062E-05	0	0	0	0	0	0	0	1.26829E-10	1.26829E-10	0.000126829
578825.014141196.4:	578825.01	4141196	5.13193E-05	0	0	0	0	0	0	0	1.4559E-10	1.4559E-10	0.00014559
578845.014141196.4:	578845.01	4141196	5.92829E-05	0	0	0	0	0	0	0	1.68182E-10	1.68182E-10	0.000168182
578865.014141196.4:	578865.01	4141196	6.83178E-05	0	0	0	0	0	0	0	1.93814E-10	1.93814E-10	0.000193814
578885.014141196.4:	578885.01	4141196	7.77778E-05	0	0	0	0	0	0	0	2.20651E-10	2.20651E-10	0.000220651
578905.014141196.4:	578905.01	4141196	8.77949E-05	0	0	0	0	0	0	0	2.49069E-10	2.49069E-10	0.000249069
578925.014141196.4:	578925.01	4141196	9.80437E-05	0	0	0	0	0	0	0	2.78144E-10	2.78144E-10	0.000278144
578945.014141196.4:	578945.01	4141196	0.000107912	0	0	0	0	0	0	0	3.0614E-10	3.0614E-10	0.00030614
578965.014141196.4:	578965.01	4141196	0.000117056	0	0	0	0	0	0	0	3.3208E-10	3.3208E-10	0.00033208
578985.014141196.4:	578985.01	4141196	0.000124674	0	0	0	0	0	0	0	3.53693E-10	3.53693E-10	0.000353693
579005.014141196.4:	579005.01	4141196	0.000131975	0	0	0	0	0	0	0	3.74404E-10	3.74404E-10	0.000374404
579025.014141196.4:	579025.01	4141196	0.000139283	0	0	0	0	0	0	0	3.95138E-10	3.95138E-10	0.000395138
579045.014141196.4:	579045.01	4141196	0.000146352	0	0	0	0	0	0	0	4.15192E-10	4.15192E-10	0.000415192
579065.014141196.4:	579065.01	4141196	0.000153846	0	0	0	0	0	0	0	4.36452E-10	4.36452E-10	0.000436452
579085.014141196.4:	579085.01	4141196	0.000160968	0	0	0	0	0	0	0	4.56658E-10	4.56658E-10	0.000456658
579105.014141196.4:	579105.01	4141196	0.00016861	0	0	0	0	0	0	0	4.78336E-10	4.78336E-10	0.000478336
579125.014141196.4:	579125.01	4141196	0.000177045	0	0	0	0	0	0	0	5.02265E-10	5.02265E-10	0.000502265
579145.014141196.4:	579145.01	4141196	0.000186614	0	0	0	0	0	0	0	5.29412E-10	5.29412E-10	0.000529412
579165.014141196.4:	579165.01	4141196	0.000196529	0	0	0	0	0	0	0	5.57542E-10	5.57542E-10	0.000557542
579185.014141196.4:	579185.01	4141196	0.000206827	0	0	0	0	0	0	0	5.86757E-10	5.86757E-10	0.000586757
579205.014141196.4:	579205.01	4141196	0.000218	0	0	0	0	0	0	0	6.18453E-10	6.18453E-10	0.000618453
579225.014141196.4:	579225.01	4141196	0.000230176	0	0	0	0	0	0	0	6.52997E-10	6.52997E-10	0.000652997
579245.014141196.4:	579245.01	4141196	0.000243628	0	0	0	0	0	0	0	6.91159E-10	6.91159E-10	0.000691159
578385.014141216.4:	578385.01	4141216	7.06122E-06	0	0	0	0	0	0	0	2.00323E-11	2.00323E-11	2.00323E-05
578405.014141216.4:	578405.01	4141216	7.40193E-06	0	0	0	0	0	0	0	2.09988E-11	2.09988E-11	2.09988E-05
578425.014141216.4:	578425.01	4141216	7.79174E-06	0	0	0	0	0	0	0	2.21047E-11	2.21047E-11	2.21047E-05
578445.014141216.4:	578445.01	4141216	8.22453E-06	0	0	0	0	0	0	0	2.33325E-11	2.33325E-11	2.33325E-05
578465.014141216.4:	578465.01	4141216	8.96887E-06	0	0	0	0	0	0	0	2.54442E-11	2.54442E-11	2.54442E-05
578485.014141216.4:	578485.01	4141216	9.58582E-06	0	0	0	0	0	0	0	2.71944E-11	2.71944E-11	2.71944E-05
578505.014141216.4:	578505.01	4141216	1.0192E-05	0	0	0	0	0	0	0	2.89142E-11	2.89142E-11	2.89142E-05
578525.014141216.4:	578525.01	4141216	1.10377E-05	0	0	0	0	0	0	0	3.13132E-11	3.13132E-11	3.13132E-05
578545.014141216.4:	578545.01	4141216	1.2577E-05	0	0	0	0	0	0	0	3.56802E-11	3.56802E-11	3.56802E-05
578565.014141216.4:	578565.01	4141216	1.36206E-05	0	0	0	0	0	0	0	3.86408E-11	3.86408E-11	3.86408E-05
578585.014141216.4:	578585.01	4141216	1.47225E-05	0	0	0	0	0	0	0	4.17669E-11	4.17669E-11	4.17669E-05
578605.014141216.4:	578605.01	4141216	1.58045E-05	0	0	0	0	0	0	0	4.48364E-11	4.48364E-11	4.48364E-05
578625.014141216.4:	578625.01	4141216	1.71566E-05	0	0	0	0	0	0	0	4.86722E-11	4.86722E-11	4.86722E-05
578645.014141216.4:	578645.01	4141216	1.89246E-05	0	0	0	0	0	0	0	5.36879E-11	5.36879E-11	5.36879E-05
578665.014141216.4:	578665.01	4141216	2.07954E-05	0	0	0	0	0	0	0	5.89953E-11	5.89953E-11	5.89953E-05
578685.014141216.4:	578685.01	4141216	2.30207E-05	0	0	0	0	0	0	0	6.53084E-11	6.53084E-11	6.53084E-05

578705.014141216.4:	578705.01	4141216	2.54317E-05	0	0	0	0	0	0	0	7.21484E-11	7.21484E-11	7.21484E-05
578725.014141216.4:	578725.01	4141216	2.83293E-05	0	0	0	0	0	0	0	8.03685E-11	8.03685E-11	8.03685E-05
578745.014141216.4:	578745.01	4141216	3.19128E-05	0	0	0	0	0	0	0	9.05349E-11	9.05349E-11	9.05349E-05
578765.014141216.4:	578765.01	4141216	3.63144E-05	0	0	0	0	0	0	0	1.03022E-10	1.03022E-10	0.000103022
578785.014141216.4:	578785.01	4141216	4.1514E-05	0	0	0	0	0	0	0	1.17773E-10	1.17773E-10	0.000117773
578805.014141216.4:	578805.01	4141216	4.76299E-05	0	0	0	0	0	0	0	1.35123E-10	1.35123E-10	0.000135123
578825.014141216.4:	578825.01	4141216	5.50425E-05	0	0	0	0	0	0	0	1.56152E-10	1.56152E-10	0.000156152
578845.014141216.4:	578845.01	4141216	6.38502E-05	0	0	0	0	0	0	0	1.81139E-10	1.81139E-10	0.000181139
578925.014141216.4:	578925.01	4141216	0.000107145	0	0	0	0	0	0	0	3.03963E-10	3.03963E-10	0.000303963
578945.014141216.4:	578945.01	4141216	0.000117564	0	0	0	0	0	0	0	3.33521E-10	3.33521E-10	0.000333521
578965.014141216.4:	578965.01	4141216	0.000127595	0	0	0	0	0	0	0	3.61978E-10	3.61978E-10	0.000361978
578985.014141216.4:	578985.01	4141216	0.000136005	0	0	0	0	0	0	0	3.85838E-10	3.85838E-10	0.000385838
579005.014141216.4:	579005.01	4141216	0.000143543	0	0	0	0	0	0	0	4.07224E-10	4.07224E-10	0.000407224
579025.014141216.4:	579025.01	4141216	0.000150551	0	0	0	0	0	0	0	4.27104E-10	4.27104E-10	0.000427104
579045.014141216.4:	579045.01	4141216	0.000157782	0	0	0	0	0	0	0	4.47619E-10	4.47619E-10	0.000447619
579065.014141216.4:	579065.01	4141216	0.000165557	0	0	0	0	0	0	0	4.69676E-10	4.69676E-10	0.000469676
579085.014141216.4:	579085.01	4141216	0.000173258	0	0	0	0	0	0	0	4.91524E-10	4.91524E-10	0.000491524
579105.014141216.4:	579105.01	4141216	0.000181475	0	0	0	0	0	0	0	5.14835E-10	5.14835E-10	0.000514835
579125.014141216.4:	579125.01	4141216	0.000191006	0	0	0	0	0	0	0	5.41873E-10	5.41873E-10	0.000541873
579145.014141216.4:	579145.01	4141216	0.000201402	0	0	0	0	0	0	0	5.71366E-10	5.71366E-10	0.000571366
579165.014141216.4:	579165.01	4141216	0.000212044	0	0	0	0	0	0	0	6.01556E-10	6.01556E-10	0.000601556
579185.014141216.4:	579185.01	4141216	0.000223669	0	0	0	0	0	0	0	6.34536E-10	6.34536E-10	0.000634536
579205.014141216.4:	579205.01	4141216	0.000236677	0	0	0	0	0	0	0	6.7144E-10	6.7144E-10	0.00067144
579225.014141216.4:	579225.01	4141216	0.000251348	0	0	0	0	0	0	0	7.13059E-10	7.13059E-10	0.000713059
579245.014141216.4:	579245.01	4141216	0.000266528	0	0	0	0	0	0	0	7.56123E-10	7.56123E-10	0.000756123
578385.014141236.4:	578385.01	4141236	7.1487E-06	0	0	0	0	0	0	0	2.02804E-11	2.02804E-11	2.02804E-05
578405.014141236.4:	578405.01	4141236	7.79328E-06	0	0	0	0	0	0	0	2.21091E-11	2.21091E-11	2.21091E-05
578425.014141236.4:	578425.01	4141236	8.11403E-06	0	0	0	0	0	0	0	2.3019E-11	2.3019E-11	2.3019E-05
578445.014141236.4:	578445.01	4141236	8.62663E-06	0	0	0	0	0	0	0	2.44732E-11	2.44732E-11	2.44732E-05
578465.014141236.4:	578465.01	4141236	9.1822E-06	0	0	0	0	0	0	0	2.60493E-11	2.60493E-11	2.60493E-05
578485.014141236.4:	578485.01	4141236	9.75157E-06	0	0	0	0	0	0	0	2.76646E-11	2.76646E-11	2.76646E-05
578505.014141236.4:	578505.01	4141236	1.05389E-05	0	0	0	0	0	0	0	2.98982E-11	2.98982E-11	2.98982E-05
578525.014141236.4:	578525.01	4141236	1.21058E-05	0	0	0	0	0	0	0	3.43435E-11	3.43435E-11	3.43435E-05
578545.014141236.4:	578545.01	4141236	1.28317E-05	0	0	0	0	0	0	0	3.64029E-11	3.64029E-11	3.64029E-05
578565.014141236.4:	578565.01	4141236	1.39045E-05	0	0	0	0	0	0	0	3.94463E-11	3.94463E-11	3.94463E-05
578585.014141236.4:	578585.01	4141236	1.51016E-05	0	0	0	0	0	0	0	4.28423E-11	4.28423E-11	4.28423E-05
578605.014141236.4:	578605.01	4141236	1.62756E-05	0	0	0	0	0	0	0	4.6173E-11	4.6173E-11	4.6173E-05
578625.014141236.4:	578625.01	4141236	1.76492E-05	0	0	0	0	0	0	0	5.00698E-11	5.00698E-11	5.00698E-05
578645.014141236.4:	578645.01	4141236	1.94372E-05	0	0	0	0	0	0	0	5.51421E-11	5.51421E-11	5.51421E-05
578665.014141236.4:	578665.01	4141236	2.14614E-05	0	0	0	0	0	0	0	6.08848E-11	6.08848E-11	6.08848E-05
578685.014141236.4:	578685.01	4141236	2.3831E-05	0	0	0	0	0	0	0	6.76073E-11	6.76073E-11	6.76073E-05
578705.014141236.4:	578705.01	4141236	2.64784E-05	0	0	0	0	0	0	0	7.51177E-11	7.51177E-11	7.51177E-05
578725.014141236.4:	578725.01	4141236	2.96184E-05	0	0	0	0	0	0	0	8.40258E-11	8.40258E-11	8.40258E-05
578745.014141236.4:	578745.01	4141236	3.338E-05	0	0	0	0	0	0	0	9.46972E-11	9.46972E-11	9.46972E-05
578765.014141236.4:	578765.01	4141236	3.80686E-05	0	0	0	0	0	0	0	1.07998E-10	1.07998E-10	0.000107998
578785.014141236.4:	578785.01	4141236	4.40785E-05	0	0	0	0	0	0	0	1.25048E-10	1.25048E-10	0.000125048
578805.014141236.4:	578805.01	4141236	5.09617E-05	0	0	0	0	0	0	0	1.44575E-10	1.44575E-10	0.000144575
578825.014141236.4:	578825.01	4141236	5.93766E-05	0	0	0	0	0	0	0	1.68448E-10	1.68448E-10	0.000168448
578945.014141236.4:	578945.01	4141236	0.000128991	0	0	0	0	0	0	0	3.6594E-10	3.6594E-10	0.00036594
578965.014141236.4:	578965.01	4141236	0.000139007	0	0	0	0	0	0	0	3.94354E-10	3.94354E-10	0.000394354
578985.014141236.4:	578985.01	4141236	0.000148264	0	0	0	0	0	0	0	4.20617E-10	4.20617E-10	0.000420617
579005.014141236.4:	579005.01	4141236	0.000155833	0	0	0	0	0	0	0	4.4209E-10	4.4209E-10	0.00044209
579025.014141236.4:	579025.01	4141236	0.000162981	0	0	0	0	0	0	0	4.62366E-10	4.62366E-10	0.000462366
579045.014141236.4:	579045.01	4141236	0.000170257	0	0	0	0	0	0	0	4.83008E-10	4.83008E-10	0.000483008
579065.014141236.4:	579065.01	4141236	0.00017803	0	0	0	0	0	0	0	5.0506E-10	5.0506E-10	0.00050506
579085.014141236.4:	579085.01	4141236	0.000186919	0	0	0	0	0	0	0	5.30278E-10	5.30278E-10	0.000530278
579105.014141236.4:	579105.01	4141236	0.000196201	0	0	0	0	0	0	0	5.5661E-10	5.5661E-10	0.00055661
579125.014141236.4:	579125.01	4141236	0.000206378	0	0	0	0	0	0	0	5.85481E-10	5.85481E-10	0.000585481
579145.014141236.4:	579145.01	4141236	0.000217369	0	0	0	0	0	0	0	6.16664E-10	6.16664E-10	0.000616664
579165.014141236.4:	579165.01	4141236	0.000229684	0	0	0	0	0	0	0	6.51599E-10	6.51599E-10	0.000651599
579185.014141236.4:	579185.01	4141236	0.00024312	0	0	0	0	0	0	0	6.89718E-10	6.89718E-10	0.000689718

579205.014141236.4:	579205.01	4141236	0.000258194	0	0	0	0	0	0	0	7.32482E-10	7.32482E-10	0.000732482
579225.014141236.4:	579225.01	4141236	0.00027546	0	0	0	0	0	0	0	7.81463E-10	7.81463E-10	0.000781463
579245.014141236.4:	579245.01	4141236	0.000293017	0	0	0	0	0	0	0	8.31271E-10	8.31271E-10	0.000831271
578385.014141256.4:	578385.01	4141256	7.26994E-06	0	0	0	0	0	0	0	2.06244E-11	2.06244E-11	2.06244E-05
578405.014141256.4:	578405.01	4141256	7.92066E-06	0	0	0	0	0	0	0	2.24704E-11	2.24704E-11	2.24704E-05
578425.014141256.4:	578425.01	4141256	8.43172E-06	0	0	0	0	0	0	0	2.39203E-11	2.39203E-11	2.39203E-05
578445.014141256.4:	578445.01	4141256	8.87372E-06	0	0	0	0	0	0	0	2.51742E-11	2.51742E-11	2.51742E-05
578465.014141256.4:	578465.01	4141256	9.36483E-06	0	0	0	0	0	0	0	2.65675E-11	2.65675E-11	2.65675E-05
578485.014141256.4:	578485.01	4141256	9.95262E-06	0	0	0	0	0	0	0	2.8235E-11	2.8235E-11	2.8235E-05
578505.014141256.4:	578505.01	4141256	1.07691E-05	0	0	0	0	0	0	0	3.05513E-11	3.05513E-11	3.05513E-05
578525.014141256.4:	578525.01	4141256	1.22562E-05	0	0	0	0	0	0	0	3.47702E-11	3.47702E-11	3.47702E-05
578545.014141256.4:	578545.01	4141256	1.25171E-05	0	0	0	0	0	0	0	3.55104E-11	3.55104E-11	3.55104E-05
578565.014141256.4:	578565.01	4141256	1.41946E-05	0	0	0	0	0	0	0	4.02692E-11	4.02692E-11	4.02692E-05
578585.014141256.4:	578585.01	4141256	1.5473E-05	0	0	0	0	0	0	0	4.3896E-11	4.3896E-11	4.3896E-05
578605.014141256.4:	578605.01	4141256	1.68358E-05	0	0	0	0	0	0	0	4.77622E-11	4.77622E-11	4.77622E-05
578625.014141256.4:	578625.01	4141256	1.8194E-05	0	0	0	0	0	0	0	5.16154E-11	5.16154E-11	5.16154E-05
578645.014141256.4:	578645.01	4141256	1.98669E-05	0	0	0	0	0	0	0	5.63612E-11	5.63612E-11	5.63612E-05
578665.014141256.4:	578665.01	4141256	2.20615E-05	0	0	0	0	0	0	0	6.25872E-11	6.25872E-11	6.25872E-05
578685.014141256.4:	578685.01	4141256	2.45339E-05	0	0	0	0	0	0	0	6.96013E-11	6.96013E-11	6.96013E-05
578705.014141256.4:	578705.01	4141256	2.75665E-05	0	0	0	0	0	0	0	7.82046E-11	7.82046E-11	7.82046E-05
578725.014141256.4:	578725.01	4141256	3.09659E-05	0	0	0	0	0	0	0	8.78485E-11	8.78485E-11	8.78485E-05
578745.014141256.4:	578745.01	4141256	3.50391E-05	0	0	0	0	0	0	0	9.94037E-11	9.94037E-11	9.94037E-05
578765.014141256.4:	578765.01	4141256	4.01665E-05	0	0	0	0	0	0	0	1.1395E-10	1.1395E-10	0.00011395
578785.014141256.4:	578785.01	4141256	4.66492E-05	0	0	0	0	0	0	0	1.32341E-10	1.32341E-10	0.000132341
578805.014141256.4:	578805.01	4141256	5.48108E-05	0	0	0	0	0	0	0	1.55495E-10	1.55495E-10	0.000155495
578965.014141256.4:	578965.01	4141256	0.000152311	0	0	0	0	0	0	0	4.32098E-10	4.32098E-10	0.000432098
578985.014141256.4:	578985.01	4141256	0.000161277	0	0	0	0	0	0	0	4.57533E-10	4.57533E-10	0.000457533
579005.014141256.4:	579005.01	4141256	0.000169575	0	0	0	0	0	0	0	4.81075E-10	4.81075E-10	0.000481075
579025.014141256.4:	579025.01	4141256	0.000176577	0	0	0	0	0	0	0	5.00937E-10	5.00937E-10	0.000500937
579045.014141256.4:	579045.01	4141256	0.000184156	0	0	0	0	0	0	0	5.22441E-10	5.22441E-10	0.000522441
579065.014141256.4:	579065.01	4141256	0.000192492	0	0	0	0	0	0	0	5.46087E-10	5.46087E-10	0.000546087
579085.014141256.4:	579085.01	4141256	0.000202157	0	0	0	0	0	0	0	5.73508E-10	5.73508E-10	0.000573508
579105.014141256.4:	579105.01	4141256	0.000212005	0	0	0	0	0	0	0	6.01447E-10	6.01447E-10	0.000601447
579125.014141256.4:	579125.01	4141256	0.000223186	0	0	0	0	0	0	0	6.33165E-10	6.33165E-10	0.000633165
579145.014141256.4:	579145.01	4141256	0.000235774	0	0	0	0	0	0	0	6.68876E-10	6.68876E-10	0.000668876
579165.014141256.4:	579165.01	4141256	0.000250019	0	0	0	0	0	0	0	7.09288E-10	7.09288E-10	0.000709288
579185.014141256.4:	579185.01	4141256	0.000266069	0	0	0	0	0	0	0	7.54821E-10	7.54821E-10	0.000754821
579205.014141256.4:	579205.01	4141256	0.000283641	0	0	0	0	0	0	0	8.04674E-10	8.04674E-10	0.000804674
579225.014141256.4:	579225.01	4141256	0.0003031	0	0	0	0	0	0	0	8.59877E-10	8.59877E-10	0.000859877
579245.014141256.4:	579245.01	4141256	0.000324247	0	0	0	0	0	0	0	9.19869E-10	9.19869E-10	0.000919869
579265.014141256.4:	579265.01	4141256	0.000346499	0	0	0	0	0	0	0	9.82996E-10	9.82996E-10	0.000982996
578385.014141276.4:	578385.01	4141276	7.95442E-06	0	0	0	0	0	0	0	2.25662E-11	2.25662E-11	2.25662E-05
578405.014141276.4:	578405.01	4141276	8.05725E-06	0	0	0	0	0	0	0	2.28579E-11	2.28579E-11	2.28579E-05
578425.014141276.4:	578425.01	4141276	8.56064E-06	0	0	0	0	0	0	0	2.4286E-11	2.4286E-11	2.4286E-05
578445.014141276.4:	578445.01	4141276	9.10086E-06	0	0	0	0	0	0	0	2.58186E-11	2.58186E-11	2.58186E-05
578465.014141276.4:	578465.01	4141276	9.5981E-06	0	0	0	0	0	0	0	2.72292E-11	2.72292E-11	2.72292E-05
578485.014141276.4:	578485.01	4141276	1.01966E-05	0	0	0	0	0	0	0	2.89273E-11	2.89273E-11	2.89273E-05
578505.014141276.4:	578505.01	4141276	1.09302E-05	0	0	0	0	0	0	0	3.10084E-11	3.10084E-11	3.10084E-05
578525.014141276.4:	578525.01	4141276	1.17406E-05	0	0	0	0	0	0	0	3.33073E-11	3.33073E-11	3.33073E-05
578545.014141276.4:	578545.01	4141276	1.26476E-05	0	0	0	0	0	0	0	3.58804E-11	3.58804E-11	3.58804E-05
578565.014141276.4:	578565.01	4141276	1.43557E-05	0	0	0	0	0	0	0	4.07263E-11	4.07263E-11	4.07263E-05
578585.014141276.4:	578585.01	4141276	1.57477E-05	0	0	0	0	0	0	0	4.46753E-11	4.46753E-11	4.46753E-05
578605.014141276.4:	578605.01	4141276	1.71566E-05	0	0	0	0	0	0	0	4.86722E-11	4.86722E-11	4.86722E-05
578625.014141276.4:	578625.01	4141276	1.87972E-05	0	0	0	0	0	0	0	5.33265E-11	5.33265E-11	5.33265E-05
578645.014141276.4:	578645.01	4141276	2.0513E-05	0	0	0	0	0	0	0	5.81941E-11	5.81941E-11	5.81941E-05
578665.014141276.4:	578665.01	4141276	2.26739E-05	0	0	0	0	0	0	0	6.43244E-11	6.43244E-11	6.43244E-05
578685.014141276.4:	578685.01	4141276	2.53289E-05	0	0	0	0	0	0	0	7.18567E-11	7.18567E-11	7.18567E-05
578705.014141276.4:	578705.01	4141276	2.85273E-05	0	0	0	0	0	0	0	8.09302E-11	8.09302E-11	8.09302E-05
578725.014141276.4:	578725.01	4141276	3.24147E-05	0	0	0	0	0	0	0	9.19586E-11	9.19586E-11	9.19586E-05
578745.014141276.4:	578745.01	4141276	3.68715E-05	0	0	0	0	0	0	0	1.04602E-10	1.04602E-10	0.000104602
578765.014141276.4:	578765.01	4141276	4.26328E-05	0	0	0	0	0	0	0	1.20947E-10	1.20947E-10	0.000120947

578785.014141276.4:	578785.01	4141276	4.98199E-05	0	0	0	0	0	0	0	1.41336E-10	1.41336E-10	0.000141336
578985.014141276.4:	578985.01	4141276	0.000176141	0	0	0	0	0	0	0	4.99701E-10	4.99701E-10	0.000499701
579005.014141276.4:	579005.01	4141276	0.00018417	0	0	0	0	0	0	0	5.2248E-10	5.2248E-10	0.00052248
579025.014141276.4:	579025.01	4141276	0.000192071	0	0	0	0	0	0	0	5.44894E-10	5.44894E-10	0.000544894
579045.014141276.4:	579045.01	4141276	0.000199875	0	0	0	0	0	0	0	5.67034E-10	5.67034E-10	0.000567034
579065.014141276.4:	579065.01	4141276	0.000209122	0	0	0	0	0	0	0	5.93266E-10	5.93266E-10	0.000593266
579085.014141276.4:	579085.01	4141276	0.000218628	0	0	0	0	0	0	0	6.20234E-10	6.20234E-10	0.000620234
579105.014141276.4:	579105.01	4141276	0.000229972	0	0	0	0	0	0	0	6.52418E-10	6.52418E-10	0.000652418
579125.014141276.4:	579125.01	4141276	0.000242786	0	0	0	0	0	0	0	6.88769E-10	6.88769E-10	0.000688769
579145.014141276.4:	579145.01	4141276	0.000257651	0	0	0	0	0	0	0	7.3094E-10	7.3094E-10	0.00073094
579165.014141276.4:	579165.01	4141276	0.000274046	0	0	0	0	0	0	0	7.77453E-10	7.77453E-10	0.000777453
579185.014141276.4:	579185.01	4141276	0.000292334	0	0	0	0	0	0	0	8.29334E-10	8.29334E-10	0.000829334
579205.014141276.4:	579205.01	4141276	0.000312776	0	0	0	0	0	0	0	8.87328E-10	8.87328E-10	0.000887328
579225.014141276.4:	579225.01	4141276	0.000335551	0	0	0	0	0	0	0	9.5194E-10	9.5194E-10	0.00095194
579245.014141276.4:	579245.01	4141276	0.000360357	0	0	0	0	0	0	0	1.02231E-09	1.02231E-09	0.001022312
579265.014141276.4:	579265.01	4141276	0.000388392	0	0	0	0	0	0	0	1.10184E-09	1.10184E-09	0.001101844
578385.014141296.4:	578385.01	4141296	7.79328E-06	0	0	0	0	0	0	0	2.21091E-11	2.21091E-11	2.21091E-05
578405.014141296.4:	578405.01	4141296	9.20368E-06	0	0	0	0	0	0	0	2.61103E-11	2.61103E-11	2.61103E-05
578425.014141296.4:	578425.01	4141296	8.73406E-06	0	0	0	0	0	0	0	2.4778E-11	2.4778E-11	2.4778E-05
578445.014141296.4:	578445.01	4141296	9.23744E-06	0	0	0	0	0	0	0	2.62061E-11	2.62061E-11	2.62061E-05
578465.014141296.4:	578465.01	4141296	9.89584E-06	0	0	0	0	0	0	0	2.80739E-11	2.80739E-11	2.80739E-05
578485.014141296.4:	578485.01	4141296	1.05327E-05	0	0	0	0	0	0	0	2.98808E-11	2.98808E-11	2.98808E-05
578505.014141296.4:	578505.01	4141296	1.12019E-05	0	0	0	0	0	0	0	3.17791E-11	3.17791E-11	3.17791E-05
578525.014141296.4:	578525.01	4141296	1.19846E-05	0	0	0	0	0	0	0	3.39996E-11	3.39996E-11	3.39996E-05
578545.014141296.4:	578545.01	4141296	1.29131E-05	0	0	0	0	0	0	0	3.66337E-11	3.66337E-11	3.66337E-05
578565.014141296.4:	578565.01	4141296	1.44892E-05	0	0	0	0	0	0	0	4.11051E-11	4.11051E-11	4.11051E-05
578585.014141296.4:	578585.01	4141296	1.59994E-05	0	0	0	0	0	0	0	4.53893E-11	4.53893E-11	4.53893E-05
578605.014141296.4:	578605.01	4141296	1.74804E-05	0	0	0	0	0	0	0	4.95908E-11	4.95908E-11	4.95908E-05
578625.014141296.4:	578625.01	4141296	1.92668E-05	0	0	0	0	0	0	0	5.46588E-11	5.46588E-11	5.46588E-05
578645.014141296.4:	578645.01	4141296	2.12343E-05	0	0	0	0	0	0	0	6.02405E-11	6.02405E-11	6.02405E-05
578665.014141296.4:	578665.01	4141296	2.33921E-05	0	0	0	0	0	0	0	6.6362E-11	6.6362E-11	6.6362E-05
578685.014141296.4:	578685.01	4141296	2.61362E-05	0	0	0	0	0	0	0	7.41468E-11	7.41468E-11	7.41468E-05
578705.014141296.4:	578705.01	4141296	2.95601E-05	0	0	0	0	0	0	0	8.38603E-11	8.38603E-11	8.38603E-05
578725.014141296.4:	578725.01	4141296	3.37407E-05	0	0	0	0	0	0	0	9.57203E-11	9.57203E-11	9.57203E-05
578745.014141296.4:	578745.01	4141296	3.88789E-05	0	0	0	0	0	0	0	1.10297E-10	1.10297E-10	0.000110297
579005.014141296.4:	579005.01	4141296	0.000200549	0	0	0	0	0	0	0	5.68945E-10	5.68945E-10	0.000568945
579025.014141296.4:	579025.01	4141296	0.000208746	0	0	0	0	0	0	0	5.92199E-10	5.92199E-10	0.000592199
579045.014141296.4:	579045.01	4141296	0.000217345	0	0	0	0	0	0	0	6.16594E-10	6.16594E-10	0.000616594
579065.014141296.4:	579065.01	4141296	0.000226461	0	0	0	0	0	0	0	6.42456E-10	6.42456E-10	0.000642456
579085.014141296.4:	579085.01	4141296	0.000237597	0	0	0	0	0	0	0	6.74048E-10	6.74048E-10	0.000674048
579105.014141296.4:	579105.01	4141296	0.000250984	0	0	0	0	0	0	0	7.12027E-10	7.12027E-10	0.000712027
579125.014141296.4:	579125.01	4141296	0.000265926	0	0	0	0	0	0	0	7.54417E-10	7.54417E-10	0.000754417
579145.014141296.4:	579145.01	4141296	0.000282305	0	0	0	0	0	0	0	8.00881E-10	8.00881E-10	0.000800881
579165.014141296.4:	579165.01	4141296	0.000301874	0	0	0	0	0	0	0	8.56398E-10	8.56398E-10	0.000856398
579185.014141296.4:	579185.01	4141296	0.000322956	0	0	0	0	0	0	0	9.16207E-10	9.16207E-10	0.000916207
579205.014141296.4:	579205.01	4141296	0.000346905	0	0	0	0	0	0	0	9.8415E-10	9.8415E-10	0.00098415
579225.014141296.4:	579225.01	4141296	0.000373938	0	0	0	0	0	0	0	1.06084E-09	1.06084E-09	0.001060839
579245.014141296.4:	579245.01	4141296	0.00040322	0	0	0	0	0	0	0	1.14391E-09	1.14391E-09	0.001143911
579265.014141296.4:	579265.01	4141296	0.000437822	0	0	0	0	0	0	0	1.24207E-09	1.24207E-09	0.001242074
579285.014141296.4:	579285.01	4141296	0.000475634	0	0	0	0	0	0	0	1.34935E-09	1.34935E-09	0.001349346
578385.014141316.4:	578385.01	4141316	7.99279E-06	0	0	0	0	0	0	0	2.26751E-11	2.26751E-11	2.26751E-05
578405.014141316.4:	578405.01	4141316	8.41177E-06	0	0	0	0	0	0	0	2.38637E-11	2.38637E-11	2.38637E-05
578425.014141316.4:	578425.01	4141316	9.94341E-06	0	0	0	0	0	0	0	2.82089E-11	2.82089E-11	2.82089E-05
578445.014141316.4:	578445.01	4141316	9.55206E-06	0	0	0	0	0	0	0	2.70986E-11	2.70986E-11	2.70986E-05
578465.014141316.4:	578465.01	4141316	9.98332E-06	0	0	0	0	0	0	0	2.83221E-11	2.83221E-11	2.83221E-05
578485.014141316.4:	578485.01	4141316	1.07154E-05	0	0	0	0	0	0	0	3.03989E-11	3.03989E-11	3.03989E-05
578505.014141316.4:	578505.01	4141316	1.19186E-05	0	0	0	0	0	0	0	3.38123E-11	3.38123E-11	3.38123E-05
578525.014141316.4:	578525.01	4141316	1.31249E-05	0	0	0	0	0	0	0	3.72345E-11	3.72345E-11	3.72345E-05
578545.014141316.4:	578545.01	4141316	1.39582E-05	0	0	0	0	0	0	0	3.95987E-11	3.95987E-11	3.95987E-05
578565.014141316.4:	578565.01	4141316	1.51446E-05	0	0	0	0	0	0	0	4.29642E-11	4.29642E-11	4.29642E-05
578585.014141316.4:	578585.01	4141316	1.63785E-05	0	0	0	0	0	0	0	4.64648E-11	4.64648E-11	4.64648E-05

578605.014141316.4:	578605.01	4141316	1.79116E-05	0	0	0	0	0	0	0	5.08143E-11	5.08143E-11	5.08143E-05
578625.014141316.4:	578625.01	4141316	1.97195E-05	0	0	0	0	0	0	0	5.59432E-11	5.59432E-11	5.59432E-05
578645.014141316.4:	578645.01	4141316	2.18958E-05	0	0	0	0	0	0	0	6.2117E-11	6.2117E-11	6.2117E-05
578665.014141316.4:	578665.01	4141316	2.42592E-05	0	0	0	0	0	0	0	6.8822E-11	6.8822E-11	6.8822E-05
578685.014141316.4:	578685.01	4141316	2.71031E-05	0	0	0	0	0	0	0	7.68898E-11	7.68898E-11	7.68898E-05
578705.014141316.4:	578705.01	4141316	3.06728E-05	0	0	0	0	0	0	0	8.70169E-11	8.70169E-11	8.70169E-05
578725.014141316.4:	578725.01	4141316	3.51971E-05	0	0	0	0	0	0	0	9.98522E-11	9.98522E-11	9.98522E-05
579025.014141316.4:	579025.01	4141316	0.000226884	0	0	0	0	0	0	0	6.43658E-10	6.43658E-10	0.000643658
579045.014141316.4:	579045.01	4141316	0.000236054	0	0	0	0	0	0	0	6.69672E-10	6.69672E-10	0.000669672
579065.014141316.4:	579065.01	4141316	0.000246797	0	0	0	0	0	0	0	7.0015E-10	7.0015E-10	0.00070015
579085.014141316.4:	579085.01	4141316	0.000260034	0	0	0	0	0	0	0	7.37702E-10	7.37702E-10	0.000737702
579105.014141316.4:	579105.01	4141316	0.000275618	0	0	0	0	0	0	0	7.81911E-10	7.81911E-10	0.000781911
579125.014141316.4:	579125.01	4141316	0.000292705	0	0	0	0	0	0	0	8.30388E-10	8.30388E-10	0.000830388
579145.014141316.4:	579145.01	4141316	0.000311808	0	0	0	0	0	0	0	8.84581E-10	8.84581E-10	0.000884581
579165.014141316.4:	579165.01	4141316	0.000334454	0	0	0	0	0	0	0	9.48827E-10	9.48827E-10	0.000948827
579185.014141316.4:	579185.01	4141316	0.000359794	0	0	0	0	0	0	0	1.02071E-09	1.02071E-09	0.001020714
579205.014141316.4:	579205.01	4141316	0.000387775	0	0	0	0	0	0	0	1.10009E-09	1.10009E-09	0.001100094
579225.014141316.4:	579225.01	4141316	0.000420088	0	0	0	0	0	0	0	1.19177E-09	1.19177E-09	0.001191765
579245.014141316.4:	579245.01	4141316	0.000458152	0	0	0	0	0	0	0	1.29975E-09	1.29975E-09	0.00129975
579265.014141316.4:	579265.01	4141316	0.000501781	0	0	0	0	0	0	0	1.42352E-09	1.42352E-09	0.001423523
579285.014141316.4:	579285.01	4141316	0.000549573	0	0	0	0	0	0	0	1.55911E-09	1.55911E-09	0.001559107
578385.014141336.4:	578385.01	4141336	8.15547E-06	0	0	0	0	0	0	0	2.31366E-11	2.31366E-11	2.31366E-05
578405.014141336.4:	578405.01	4141336	8.56677E-06	0	0	0	0	0	0	0	2.43034E-11	2.43034E-11	2.43034E-05
578425.014141336.4:	578425.01	4141336	9.04407E-06	0	0	0	0	0	0	0	2.56575E-11	2.56575E-11	2.56575E-05
578445.014141336.4:	578445.01	4141336	1.01706E-05	0	0	0	0	0	0	0	2.88533E-11	2.88533E-11	2.88533E-05
578465.014141336.4:	578465.01	4141336	1.14152E-05	0	0	0	0	0	0	0	3.23843E-11	3.23843E-11	3.23843E-05
578485.014141336.4:	578485.01	4141336	1.09471E-05	0	0	0	0	0	0	0	3.10563E-11	3.10563E-11	3.10563E-05
578505.014141336.4:	578505.01	4141336	1.16638E-05	0	0	0	0	0	0	0	3.30896E-11	3.30896E-11	3.30896E-05
578525.014141336.4:	578525.01	4141336	1.34011E-05	0	0	0	0	0	0	0	3.80182E-11	3.80182E-11	3.80182E-05
578545.014141336.4:	578545.01	4141336	1.44555E-05	0	0	0	0	0	0	0	4.10093E-11	4.10093E-11	4.10093E-05
578565.014141336.4:	578565.01	4141336	1.55083E-05	0	0	0	0	0	0	0	4.39961E-11	4.39961E-11	4.39961E-05
578585.014141336.4:	578585.01	4141336	1.6776E-05	0	0	0	0	0	0	0	4.75924E-11	4.75924E-11	4.75924E-05
578605.014141336.4:	578605.01	4141336	1.83506E-05	0	0	0	0	0	0	0	5.20595E-11	5.20595E-11	5.20595E-05
578625.014141336.4:	578625.01	4141336	2.0272E-05	0	0	0	0	0	0	0	5.75106E-11	5.75106E-11	5.75106E-05
578645.014141336.4:	578645.01	4141336	2.23593E-05	0	0	0	0	0	0	0	6.34319E-11	6.34319E-11	6.34319E-05
578665.014141336.4:	578665.01	4141336	2.50895E-05	0	0	0	0	0	0	0	7.11775E-11	7.11775E-11	7.11775E-05
578685.014141336.4:	578685.01	4141336	2.81068E-05	0	0	0	0	0	0	0	7.97372E-11	7.97372E-11	7.97372E-05
578705.014141336.4:	578705.01	4141336	3.19497E-05	0	0	0	0	0	0	0	9.06394E-11	9.06394E-11	9.06394E-05
579025.014141336.4:	579025.01	4141336	0.000247668	0	0	0	0	0	0	0	7.02618E-10	7.02618E-10	0.000702618
579045.014141336.4:	579045.01	4141336	0.000257841	0	0	0	0	0	0	0	7.3148E-10	7.3148E-10	0.00073148
579065.014141336.4:	579065.01	4141336	0.000270673	0	0	0	0	0	0	0	7.67883E-10	7.67883E-10	0.000767883
579085.014141336.4:	579085.01	4141336	0.000286224	0	0	0	0	0	0	0	8.12001E-10	8.12001E-10	0.000812001
579105.014141336.4:	579105.01	4141336	0.00030411	0	0	0	0	0	0	0	8.62741E-10	8.62741E-10	0.000862741
579125.014141336.4:	579125.01	4141336	0.000324478	0	0	0	0	0	0	0	9.20526E-10	9.20526E-10	0.000920526
579145.014141336.4:	579145.01	4141336	0.000347975	0	0	0	0	0	0	0	9.87184E-10	9.87184E-10	0.000987184
579165.014141336.4:	579165.01	4141336	0.00037405	0	0	0	0	0	0	0	1.06116E-09	1.06116E-09	0.001061157
579185.014141336.4:	579185.01	4141336	0.000404491	0	0	0	0	0	0	0	1.14752E-09	1.14752E-09	0.001147517
579205.014141336.4:	579205.01	4141336	0.000437857	0	0	0	0	0	0	0	1.24217E-09	1.24217E-09	0.001242175
579225.014141336.4:	579225.01	4141336	0.000480415	0	0	0	0	0	0	0	1.36291E-09	1.36291E-09	0.001362908
579245.014141336.4:	579245.01	4141336	0.000528078	0	0	0	0	0	0	0	1.49813E-09	1.49813E-09	0.001498127
579265.014141336.4:	579265.01	4141336	0.0005829	0	0	0	0	0	0	0	1.65365E-09	1.65365E-09	0.001653652
579285.014141336.4:	579285.01	4141336	0.00064592	0	0	0	0	0	0	0	1.83244E-09	1.83244E-09	0.001832436
578385.014141356.4:	578385.01	4141356	8.4133E-06	0	0	0	0	0	0	0	2.3868E-11	2.3868E-11	2.3868E-05
578405.014141356.4:	578405.01	4141356	8.87679E-06	0	0	0	0	0	0	0	2.51829E-11	2.51829E-11	2.51829E-05
578425.014141356.4:	578425.01	4141356	9.40166E-06	0	0	0	0	0	0	0	2.6672E-11	2.6672E-11	2.6672E-05
578445.014141356.4:	578445.01	4141356	9.92039E-06	0	0	0	0	0	0	0	2.81436E-11	2.81436E-11	2.81436E-05
578465.014141356.4:	578465.01	4141356	1.05327E-05	0	0	0	0	0	0	0	2.98808E-11	2.98808E-11	2.98808E-05
578485.014141356.4:	578485.01	4141356	1.23483E-05	0	0	0	0	0	0	0	3.50314E-11	3.50314E-11	3.50314E-05
578505.014141356.4:	578505.01	4141356	1.30758E-05	0	0	0	0	0	0	0	3.70952E-11	3.70952E-11	3.70952E-05
578525.014141356.4:	578525.01	4141356	1.36881E-05	0	0	0	0	0	0	0	3.88324E-11	3.88324E-11	3.88324E-05
578545.014141356.4:	578545.01	4141356	1.47747E-05	0	0	0	0	0	0	0	4.19149E-11	4.19149E-11	4.19149E-05

578565.014141356.4	578565.01	4141356	1.60132E-05	0	0	0	0	0	0	0	4.54285E-11	4.54285E-11	4.54285E-05
578585.014141356.4	578585.01	4141356	1.72763E-05	0	0	0	0	0	0	0	4.90118E-11	4.90118E-11	4.90118E-05
578605.014141356.4	578605.01	4141356	1.88985E-05	0	0	0	0	0	0	0	5.36138E-11	5.36138E-11	5.36138E-05
578625.014141356.4	578625.01	4141356	2.07647E-05	0	0	0	0	0	0	0	5.89082E-11	5.89082E-11	5.89082E-05
578645.014141356.4	578645.01	4141356	2.29823E-05	0	0	0	0	0	0	0	6.51996E-11	6.51996E-11	6.51996E-05
578665.014141356.4	578665.01	4141356	2.57771E-05	0	0	0	0	0	0	0	7.3128E-11	7.3128E-11	7.3128E-05
578685.014141356.4	578685.01	4141356	2.91365E-05	0	0	0	0	0	0	0	8.26587E-11	8.26587E-11	8.26587E-05
579025.014141356.4	579025.01	4141356	0.000271896	0	0	0	0	0	0	0	7.71353E-10	7.71353E-10	0.000771353
579045.014141356.4	579045.01	4141356	0.000283574	0	0	0	0	0	0	0	8.04482E-10	8.04482E-10	0.000804482
579065.014141356.4	579065.01	4141356	0.000298416	0	0	0	0	0	0	0	8.46588E-10	8.46588E-10	0.000846588
579085.014141356.4	579085.01	4141356	0.000316559	0	0	0	0	0	0	0	8.9806E-10	8.9806E-10	0.00089806
579105.014141356.4	579105.01	4141356	0.000337731	0	0	0	0	0	0	0	9.58122E-10	9.58122E-10	0.000958122
579125.014141356.4	579125.01	4141356	0.000362334	0	0	0	0	0	0	0	1.02792E-09	1.02792E-09	0.001027919
579145.014141356.4	579145.01	4141356	0.00039039	0	0	0	0	0	0	0	1.10751E-09	1.10751E-09	0.001107513
579165.014141356.4	579165.01	4141356	0.000421867	0	0	0	0	0	0	0	1.19681E-09	1.19681E-09	0.001196811
579185.014141356.4	579185.01	4141356	0.000459302	0	0	0	0	0	0	0	1.30301E-09	1.30301E-09	0.001303011
579205.014141356.4	579205.01	4141356	0.000503211	0	0	0	0	0	0	0	1.42758E-09	1.42758E-09	0.001427581
579225.014141356.4	579225.01	4141356	0.000555616	0	0	0	0	0	0	0	1.57625E-09	1.57625E-09	0.001576249
579245.014141356.4	579245.01	4141356	0.000616861	0	0	0	0	0	0	0	1.75E-09	1.75E-09	0.00175
579265.014141356.4	579265.01	4141356	0.000689613	0	0	0	0	0	0	0	1.95639E-09	1.95639E-09	0.001956392
579285.014141356.4	579285.01	4141356	0.000772778	0	0	0	0	0	0	0	2.19232E-09	2.19232E-09	0.002192325
579305.014141356.4	579305.01	4141356	0.000871478	0	0	0	0	0	0	0	2.47233E-09	2.47233E-09	0.002472332
578385.014141376.4	578385.01	4141376	8.60975E-06	0	0	0	0	0	0	0	2.44253E-11	2.44253E-11	2.44253E-05
578405.014141376.4	578405.01	4141376	9.79762E-06	0	0	0	0	0	0	0	2.77953E-11	2.77953E-11	2.77953E-05
578425.014141376.4	578425.01	4141376	1.03424E-05	0	0	0	0	0	0	0	2.93409E-11	2.93409E-11	2.93409E-05
578445.014141376.4	578445.01	4141376	1.09978E-05	0	0	0	0	0	0	0	3.12E-11	3.12E-11	3.12E-05
578465.014141376.4	578465.01	4141376	1.16178E-05	0	0	0	0	0	0	0	3.2959E-11	3.2959E-11	3.2959E-05
578485.014141376.4	578485.01	4141376	1.20291E-05	0	0	0	0	0	0	0	3.41258E-11	3.41258E-11	3.41258E-05
578505.014141376.4	578505.01	4141376	1.31709E-05	0	0	0	0	0	0	0	3.73651E-11	3.73651E-11	3.73651E-05
578525.014141376.4	578525.01	4141376	1.4411E-05	0	0	0	0	0	0	0	4.08831E-11	4.08831E-11	4.08831E-05
578545.014141376.4	578545.01	4141376	1.51031E-05	0	0	0	0	0	0	0	4.28467E-11	4.28467E-11	4.28467E-05
578565.014141376.4	578565.01	4141376	1.64276E-05	0	0	0	0	0	0	0	4.66041E-11	4.66041E-11	4.66041E-05
578585.014141376.4	578585.01	4141376	1.78871E-05	0	0	0	0	0	0	0	5.07446E-11	5.07446E-11	5.07446E-05
578605.014141376.4	578605.01	4141376	1.95292E-05	0	0	0	0	0	0	0	5.54033E-11	5.54033E-11	5.54033E-05
578625.014141376.4	578625.01	4141376	2.14261E-05	0	0	0	0	0	0	0	6.07847E-11	6.07847E-11	6.07847E-05
578645.014141376.4	578645.01	4141376	2.37313E-05	0	0	0	0	0	0	0	6.73243E-11	6.73243E-11	6.73243E-05
578665.014141376.4	578665.01	4141376	2.65874E-05	0	0	0	0	0	0	0	7.54269E-11	7.54269E-11	7.54269E-05
578685.014141376.4	578685.01	4141376	3.0283E-05	0	0	0	0	0	0	0	8.5911E-11	8.5911E-11	8.5911E-05
579005.014141376.4	579005.01	4141376	0.000289931	0	0	0	0	0	0	0	8.22516E-10	8.22516E-10	0.000822516
579025.014141376.4	579025.01	4141376	0.00029915	0	0	0	0	0	0	0	8.4867E-10	8.4867E-10	0.00084867
579045.014141376.4	579045.01	4141376	0.000312529	0	0	0	0	0	0	0	8.86627E-10	8.86627E-10	0.000886627
579065.014141376.4	579065.01	4141376	0.000330507	0	0	0	0	0	0	0	9.37628E-10	9.37628E-10	0.000937628
579085.014141376.4	579085.01	4141376	0.000352545	0	0	0	0	0	0	0	1.00015E-09	1.00015E-09	0.00100015
579105.014141376.4	579105.01	4141376	0.00037756	0	0	0	0	0	0	0	1.07111E-09	1.07111E-09	0.001071114
579125.014141376.4	579125.01	4141376	0.000406886	0	0	0	0	0	0	0	1.15431E-09	1.15431E-09	0.001154313
579145.014141376.4	579145.01	4141376	0.000441255	0	0	0	0	0	0	0	1.25181E-09	1.25181E-09	0.001251814
579165.014141376.4	579165.01	4141376	0.000481774	0	0	0	0	0	0	0	1.36677E-09	1.36677E-09	0.001366766
579185.014141376.4	579185.01	4141376	0.00052947	0	0	0	0	0	0	0	1.50208E-09	1.50208E-09	0.001502076
579205.014141376.4	579205.01	4141376	0.000585994	0	0	0	0	0	0	0	1.66243E-09	1.66243E-09	0.00166243
579225.014141376.4	579225.01	4141376	0.000654296	0	0	0	0	0	0	0	1.8562E-09	1.8562E-09	0.0018562
579245.014141376.4	579245.01	4141376	0.000736379	0	0	0	0	0	0	0	2.08906E-09	2.08906E-09	0.002089063
579265.014141376.4	579265.01	4141376	0.000831642	0	0	0	0	0	0	0	2.35932E-09	2.35932E-09	0.002359318
579285.014141376.4	579285.01	4141376	0.000948992	0	0	0	0	0	0	0	2.69223E-09	2.69223E-09	0.002692234
579305.014141376.4	579305.01	4141376	0.001095784	0	0	0	0	0	0	0	3.10868E-09	3.10868E-09	0.003108676
578385.014141396.4	578385.01	4141396	9.46765E-06	0	0	0	0	0	0	0	2.68592E-11	2.68592E-11	2.68592E-05
578405.014141396.4	578405.01	4141396	9.9649E-06	0	0	0	0	0	0	0	2.82698E-11	2.82698E-11	2.82698E-05
578425.014141396.4	578425.01	4141396	1.01598E-05	0	0	0	0	0	0	0	2.88228E-11	2.88228E-11	2.88228E-05
578445.014141396.4	578445.01	4141396	1.11205E-05	0	0	0	0	0	0	0	3.15483E-11	3.15483E-11	3.15483E-05
578465.014141396.4	578465.01	4141396	1.19201E-05	0	0	0	0	0	0	0	3.38167E-11	3.38167E-11	3.38167E-05
578485.014141396.4	578485.01	4141396	1.27074E-05	0	0	0	0	0	0	0	3.60502E-11	3.60502E-11	3.60502E-05
578505.014141396.4	578505.01	4141396	1.3438E-05	0	0	0	0	0	0	0	3.81227E-11	3.81227E-11	3.81227E-05

578525.014141396.4	578525.01	4141396	1.46826E-05	0	0	0	0	0	0	0	4.16537E-11	4.16537E-11	4.16537E-05
578545.014141396.4	578545.01	4141396	1.55114E-05	0	0	0	0	0	0	0	4.40048E-11	4.40048E-11	4.40048E-05
578565.014141396.4	578565.01	4141396	1.67422E-05	0	0	0	0	0	0	0	4.74966E-11	4.74966E-11	4.74966E-05
578585.014141396.4	578585.01	4141396	1.82462E-05	0	0	0	0	0	0	0	5.17634E-11	5.17634E-11	5.17634E-05
578605.014141396.4	578605.01	4141396	2.00065E-05	0	0	0	0	0	0	0	5.67574E-11	5.67574E-11	5.67574E-05
578625.014141396.4	578625.01	4141396	2.21091E-05	0	0	0	0	0	0	0	6.27222E-11	6.27222E-11	6.27222E-05
578645.014141396.4	578645.01	4141396	2.45493E-05	0	0	0	0	0	0	0	6.96449E-11	6.96449E-11	6.96449E-05
578665.014141396.4	578665.01	4141396	2.75098E-05	0	0	0	0	0	0	0	7.80435E-11	7.80435E-11	7.80435E-05
579005.014141396.4	579005.01	4141396	0.000319871	0	0	0	0	0	0	0	9.07456E-10	9.07456E-10	0.000907456
579025.014141396.4	579025.01	4141396	0.000330335	0	0	0	0	0	0	0	9.37141E-10	9.37141E-10	0.000937141
579045.014141396.4	579045.01	4141396	0.000346239	0	0	0	0	0	0	0	9.8226E-10	9.8226E-10	0.00098226
579065.014141396.4	579065.01	4141396	0.000367695	0	0	0	0	0	0	0	1.04313E-09	1.04313E-09	0.001043128
579085.014141396.4	579085.01	4141396	0.000394359	0	0	0	0	0	0	0	1.11877E-09	1.11877E-09	0.001118772
579105.014141396.4	579105.01	4141396	0.000425728	0	0	0	0	0	0	0	1.20777E-09	1.20777E-09	0.001207766
579125.014141396.4	579125.01	4141396	0.000463448	0	0	0	0	0	0	0	1.31478E-09	1.31478E-09	0.001314776
579145.014141396.4	579145.01	4141396	0.000507318	0	0	0	0	0	0	0	1.43923E-09	1.43923E-09	0.001439232
579165.014141396.4	579165.01	4141396	0.000558496	0	0	0	0	0	0	0	1.58442E-09	1.58442E-09	0.001584421
579185.014141396.4	579185.01	4141396	0.000620184	0	0	0	0	0	0	0	1.75943E-09	1.75943E-09	0.001759426
579205.014141396.4	579205.01	4141396	0.000696254	0	0	0	0	0	0	0	1.97523E-09	1.97523E-09	0.001975231
579225.014141396.4	579225.01	4141396	0.000788297	0	0	0	0	0	0	0	2.23635E-09	2.23635E-09	0.002236351
579245.014141396.4	579245.01	4141396	0.000900567	0	0	0	0	0	0	0	2.55486E-09	2.55486E-09	0.002554856
579265.014141396.4	579265.01	4141396	0.001036851	0	0	0	0	0	0	0	2.94149E-09	2.94149E-09	0.002941486
579285.014141396.4	579285.01	4141396	0.001209178	0	0	0	0	0	0	0	3.43037E-09	3.43037E-09	0.003430367
579305.014141396.4	579305.01	4141396	0.001433019	0	0	0	0	0	0	0	4.06539E-09	4.06539E-09	0.004065391
578385.014141416.4	578385.01	4141416	9.60731E-06	0	0	0	0	0	0	0	2.72554E-11	2.72554E-11	2.72554E-05
578405.014141416.4	578405.01	4141416	1.00309E-05	0	0	0	0	0	0	0	2.8457E-11	2.8457E-11	2.8457E-05
578425.014141416.4	578425.01	4141416	1.06939E-05	0	0	0	0	0	0	0	3.03379E-11	3.03379E-11	3.03379E-05
578445.014141416.4	578445.01	4141416	1.13676E-05	0	0	0	0	0	0	0	3.22493E-11	3.22493E-11	3.22493E-05
578465.014141416.4	578465.01	4141416	1.21104E-05	0	0	0	0	0	0	0	3.43566E-11	3.43566E-11	3.43566E-05
578485.014141416.4	578485.01	4141416	1.29944E-05	0	0	0	0	0	0	0	3.68644E-11	3.68644E-11	3.68644E-05
578505.014141416.4	578505.01	4141416	1.38032E-05	0	0	0	0	0	0	0	3.91589E-11	3.91589E-11	3.91589E-05
578525.014141416.4	578525.01	4141416	1.48253E-05	0	0	0	0	0	0	0	4.20586E-11	4.20586E-11	4.20586E-05
578545.014141416.4	578545.01	4141416	1.59871E-05	0	0	0	0	0	0	0	4.53545E-11	4.53545E-11	4.53545E-05
578565.014141416.4	578565.01	4141416	1.71412E-05	0	0	0	0	0	0	0	4.86286E-11	4.86286E-11	4.86286E-05
578585.014141416.4	578585.01	4141416	1.86667E-05	0	0	0	0	0	0	0	5.29564E-11	5.29564E-11	5.29564E-05
578605.014141416.4	578605.01	4141416	2.04838E-05	0	0	0	0	0	0	0	5.81114E-11	5.81114E-11	5.81114E-05
578625.014141416.4	578625.01	4141416	2.26478E-05	0	0	0	0	0	0	0	6.42504E-11	6.42504E-11	6.42504E-05
578645.014141416.4	578645.01	4141416	2.52276E-05	0	0	0	0	0	0	0	7.15693E-11	7.15693E-11	7.15693E-05
578665.014141416.4	578665.01	4141416	2.84904E-05	0	0	0	0	0	0	0	8.08257E-11	8.08257E-11	8.08257E-05
579025.014141416.4	579025.01	4141416	0.000367094	0	0	0	0	0	0	0	1.04143E-09	1.04143E-09	0.001041425
579045.014141416.4	579045.01	4141416	0.000386949	0	0	0	0	0	0	0	1.09775E-09	1.09775E-09	0.001097752
579065.014141416.4	579065.01	4141416	0.000413507	0	0	0	0	0	0	0	1.1731E-09	1.1731E-09	0.001173096
579085.014141416.4	579085.01	4141416	0.000447716	0	0	0	0	0	0	0	1.27014E-09	1.27014E-09	0.001270144
579105.014141416.4	579105.01	4141416	0.000487789	0	0	0	0	0	0	0	1.38383E-09	1.38383E-09	0.001383828
579125.014141416.4	579125.01	4141416	0.000535948	0	0	0	0	0	0	0	1.52045E-09	1.52045E-09	0.001520454
579145.014141416.4	579145.01	4141416	0.000591952	0	0	0	0	0	0	0	1.67933E-09	1.67933E-09	0.001679332
579165.014141416.4	579165.01	4141416	0.000659106	0	0	0	0	0	0	0	1.86984E-09	1.86984E-09	0.001869845
579185.014141416.4	579185.01	4141416	0.000741471	0	0	0	0	0	0	0	2.10351E-09	2.10351E-09	0.00210351
579205.014141416.4	579205.01	4141416	0.000843887	0	0	0	0	0	0	0	2.39406E-09	2.39406E-09	0.002394058
579225.014141416.4	579225.01	4141416	0.000974964	0	0	0	0	0	0	0	2.76592E-09	2.76592E-09	0.002765915
579245.014141416.4	579245.01	4141416	0.001138136	0	0	0	0	0	0	0	3.22883E-09	3.22883E-09	0.003228826
579265.014141416.4	579265.01	4141416	0.001347327	0	0	0	0	0	0	0	3.82229E-09	3.82229E-09	0.003822287
579285.014141416.4	579285.01	4141416	0.001603807	0	0	0	0	0	0	0	4.54991E-09	4.54991E-09	0.004549906
579305.014141416.4	579305.01	4141416	0.00198104	0	0	0	0	0	0	0	5.62009E-09	5.62009E-09	0.005620093
578385.014141436.4	578385.01	4141436	9.75311E-06	0	0	0	0	0	0	0	2.7669E-11	2.7669E-11	2.7669E-05
578405.014141436.4	578405.01	4141436	1.02887E-05	0	0	0	0	0	0	0	2.91885E-11	2.91885E-11	2.91885E-05
578425.014141436.4	578425.01	4141436	1.09087E-05	0	0	0	0	0	0	0	3.09475E-11	3.09475E-11	3.09475E-05
578445.014141436.4	578445.01	4141436	1.16684E-05	0	0	0	0	0	0	0	3.31027E-11	3.31027E-11	3.31027E-05
578465.014141436.4	578465.01	4141436	1.24619E-05	0	0	0	0	0	0	0	3.53536E-11	3.53536E-11	3.53536E-05
578485.014141436.4	578485.01	4141436	1.33428E-05	0	0	0	0	0	0	0	3.78528E-11	3.78528E-11	3.78528E-05
578505.014141436.4	578505.01	4141436	1.4127E-05	0	0	0	0	0	0	0	4.00776E-11	4.00776E-11	4.00776E-05

578525.014141436.4	578525.01	4141436	1.52658E-05	0	0	0	0	0	0	0	4.33082E-11	4.33082E-11	4.33082E-05
578545.014141436.4	578545.01	4141436	1.63938E-05	0	0	0	0	0	0	0	4.65083E-11	4.65083E-11	4.65083E-05
578565.014141436.4	578565.01	4141436	1.76139E-05	0	0	0	0	0	0	0	4.99696E-11	4.99696E-11	4.99696E-05
578585.014141436.4	578585.01	4141436	1.92499E-05	0	0	0	0	0	0	0	5.46109E-11	5.46109E-11	5.46109E-05
578605.014141436.4	578605.01	4141436	2.11023E-05	0	0	0	0	0	0	0	5.9866E-11	5.9866E-11	5.9866E-05
578625.014141436.4	578625.01	4141436	2.33415E-05	0	0	0	0	0	0	0	6.62184E-11	6.62184E-11	6.62184E-05
578645.014141436.4	578645.01	4141436	2.60134E-05	0	0	0	0	0	0	0	7.37985E-11	7.37985E-11	7.37985E-05
579025.014141436.4	579025.01	4141436	0.00041115	0	0	0	0	0	0	0	1.16641E-09	1.16641E-09	0.001166408
579045.014141436.4	579045.01	4141436	0.000437693	0	0	0	0	0	0	0	1.24171E-09	1.24171E-09	0.001241709
579065.014141436.4	579065.01	4141436	0.000472539	0	0	0	0	0	0	0	1.34056E-09	1.34056E-09	0.001340564
579085.014141436.4	579085.01	4141436	0.000516623	0	0	0	0	0	0	0	1.46563E-09	1.46563E-09	0.001465629
579105.014141436.4	579105.01	4141436	0.000568242	0	0	0	0	0	0	0	1.61207E-09	1.61207E-09	0.001612068
579125.014141436.4	579125.01	4141436	0.000630499	0	0	0	0	0	0	0	1.78869E-09	1.78869E-09	0.001788688
579145.014141436.4	579145.01	4141436	0.000705353	0	0	0	0	0	0	0	2.00105E-09	2.00105E-09	0.002001045
579165.014141436.4	579165.01	4141436	0.000796204	0	0	0	0	0	0	0	2.25878E-09	2.25878E-09	0.002258783
579185.014141436.4	579185.01	4141436	0.000910844	0	0	0	0	0	0	0	2.58401E-09	2.58401E-09	0.00258401
579205.014141436.4	579205.01	4141436	0.001059533	0	0	0	0	0	0	0	3.00583E-09	3.00583E-09	0.003005832
579225.014141436.4	579225.01	4141436	0.001256328	0	0	0	0	0	0	0	3.56413E-09	3.56413E-09	0.003564128
579245.014141436.4	579245.01	4141436	0.001516345	0	0	0	0	0	0	0	4.30178E-09	4.30178E-09	0.004301782
579265.014141436.4	579265.01	4141436	0.001848089	0	0	0	0	0	0	0	5.24292E-09	5.24292E-09	0.005242919
579285.014141436.4	579285.01	4141436	0.001717242	0	0	0	0	0	0	0	4.87172E-09	4.87172E-09	0.004871715
579305.014141436.4	579305.01	4141436	0.00110628	0	0	0	0	0	0	0	3.13845E-09	3.13845E-09	0.003138452
579325.014141436.4	579325.01	4141436	0.001340889	0	0	0	0	0	0	0	3.80402E-09	3.80402E-09	0.003804023
578385.014141456.4	578385.01	4141456	9.98485E-06	0	0	0	0	0	0	0	2.83264E-11	2.83264E-11	2.83264E-05
578405.014141456.4	578405.01	4141456	1.05097E-05	0	0	0	0	0	0	0	2.98155E-11	2.98155E-11	2.98155E-05
578425.014141456.4	578425.01	4141456	1.1119E-05	0	0	0	0	0	0	0	3.1544E-11	3.1544E-11	3.1544E-05
578445.014141456.4	578445.01	4141456	1.18633E-05	0	0	0	0	0	0	0	3.36556E-11	3.36556E-11	3.36556E-05
578465.014141456.4	578465.01	4141456	1.26783E-05	0	0	0	0	0	0	0	3.59675E-11	3.59675E-11	3.59675E-05
578485.014141456.4	578485.01	4141456	1.36252E-05	0	0	0	0	0	0	0	3.86539E-11	3.86539E-11	3.86539E-05
578505.014141456.4	578505.01	4141456	1.44355E-05	0	0	0	0	0	0	0	4.09527E-11	4.09527E-11	4.09527E-05
578525.014141456.4	578525.01	4141456	1.574E-05	0	0	0	0	0	0	0	4.46535E-11	4.46535E-11	4.46535E-05
578545.014141456.4	578545.01	4141456	1.67698E-05	0	0	0	0	0	0	0	4.7575E-11	4.7575E-11	4.7575E-05
578565.014141456.4	578565.01	4141456	1.82493E-05	0	0	0	0	0	0	0	5.17721E-11	5.17721E-11	5.17721E-05
578585.014141456.4	578585.01	4141456	1.99743E-05	0	0	0	0	0	0	0	5.66659E-11	5.66659E-11	5.66659E-05
578605.014141456.4	578605.01	4141456	2.18482E-05	0	0	0	0	0	0	0	6.1982E-11	6.1982E-11	6.1982E-05
578625.014141456.4	578625.01	4141456	2.41196E-05	0	0	0	0	0	0	0	6.84258E-11	6.84258E-11	6.84258E-05
578645.014141456.4	578645.01	4141456	2.69511E-05	0	0	0	0	0	0	0	7.64587E-11	7.64587E-11	7.64587E-05
579045.014141456.4	579045.01	4141456	0.000501641	0	0	0	0	0	0	0	1.42313E-09	1.42313E-09	0.001423127
579065.014141456.4	579065.01	4141456	0.000549003	0	0	0	0	0	0	0	1.55749E-09	1.55749E-09	0.001557488
579085.014141456.4	579085.01	4141456	0.000605307	0	0	0	0	0	0	0	1.71722E-09	1.71722E-09	0.001717219
579105.014141456.4	579105.01	4141456	0.00067352	0	0	0	0	0	0	0	1.91074E-09	1.91074E-09	0.001910737
579125.014141456.4	579125.01	4141456	0.000757529	0	0	0	0	0	0	0	2.14906E-09	2.14906E-09	0.002149064
579145.014141456.4	579145.01	4141456	0.000861876	0	0	0	0	0	0	0	2.44509E-09	2.44509E-09	0.00244509
579165.014141456.4	579165.01	4141456	0.000991385	0	0	0	0	0	0	0	2.8125E-09	2.8125E-09	0.002812502
579185.014141456.4	579185.01	4141456	0.00116258	0	0	0	0	0	0	0	3.29817E-09	3.29817E-09	0.00329817
579205.014141456.4	579205.01	4141456	0.001394283	0	0	0	0	0	0	0	3.9555E-09	3.9555E-09	0.003955499
579225.014141456.4	579225.01	4141456	0.001719928	0	0	0	0	0	0	0	4.87933E-09	4.87933E-09	0.004879334
579245.014141456.4	579245.01	4141456	0.001491718	0	0	0	0	0	0	0	4.23191E-09	4.23191E-09	0.004231915
579265.014141456.4	579265.01	4141456	0.00182393	0	0	0	0	0	0	0	5.17438E-09	5.17438E-09	0.00517438
578385.014141476.4	578385.01	4141476	1.01982E-05	0	0	0	0	0	0	0	2.89316E-11	2.89316E-11	2.89316E-05
578405.014141476.4	578405.01	4141476	1.07706E-05	0	0	0	0	0	0	0	3.05556E-11	3.05556E-11	3.05556E-05
578425.014141476.4	578425.01	4141476	1.13814E-05	0	0	0	0	0	0	0	3.22885E-11	3.22885E-11	3.22885E-05
578445.014141476.4	578445.01	4141476	1.20475E-05	0	0	0	0	0	0	0	3.41781E-11	3.41781E-11	3.41781E-05
578465.014141476.4	578465.01	4141476	1.2867E-05	0	0	0	0	0	0	0	3.6503E-11	3.6503E-11	3.6503E-05
578485.014141476.4	578485.01	4141476	1.3903E-05	0	0	0	0	0	0	0	3.94419E-11	3.94419E-11	3.94419E-05
578505.014141476.4	578505.01	4141476	1.48269E-05	0	0	0	0	0	0	0	4.2063E-11	4.2063E-11	4.2063E-05
578525.014141476.4	578525.01	4141476	1.62772E-05	0	0	0	0	0	0	0	4.61774E-11	4.61774E-11	4.61774E-05
578545.014141476.4	578545.01	4141476	1.71811E-05	0	0	0	0	0	0	0	4.87418E-11	4.87418E-11	4.87418E-05
578565.014141476.4	578565.01	4141476	1.86928E-05	0	0	0	0	0	0	0	5.30304E-11	5.30304E-11	5.30304E-05
578585.014141476.4	578585.01	4141476	2.04547E-05	0	0	0	0	0	0	0	5.80287E-11	5.80287E-11	5.80287E-05
578605.014141476.4	578605.01	4141476	2.25434E-05	0	0	0	0	0	0	0	6.39543E-11	6.39543E-11	6.39543E-05

578625.014141476.4:	578625.01	4141476	2.50097E-05	0	0	0	0	0	0	0	7.0951E-11	7.0951E-11	7.0951E-05
578645.014141476.4:	578645.01	4141476	2.80761E-05	0	0	0	0	0	0	0	7.96501E-11	7.96501E-11	7.96501E-05
579065.014141476.4:	579065.01	4141476	0.000647356	0	0	0	0	0	0	0	1.83651E-09	1.83651E-09	0.001836511
579085.014141476.4:	579085.01	4141476	0.000725674	0	0	0	0	0	0	0	2.05869E-09	2.05869E-09	0.002058695
579105.014141476.4:	579105.01	4141476	0.000818554	0	0	0	0	0	0	0	2.32219E-09	2.32219E-09	0.002322188
579125.014141476.4:	579125.01	4141476	0.000933846	0	0	0	0	0	0	0	2.64927E-09	2.64927E-09	0.002649266
579145.014141476.4:	579145.01	4141476	0.001085072	0	0	0	0	0	0	0	3.07829E-09	3.07829E-09	0.003078285
579165.014141476.4:	579165.01	4141476	0.001288902	0	0	0	0	0	0	0	3.65654E-09	3.65654E-09	0.003656539
579185.014141476.4:	579185.01	4141476	0.001553801	0	0	0	0	0	0	0	4.40804E-09	4.40804E-09	0.004408043
579205.014141476.4:	579205.01	4141476	0.001939421	0	0	0	0	0	0	0	5.50202E-09	5.50202E-09	0.005502024
579225.014141476.4:	579225.01	4141476	0.001571319	0	0	0	0	0	0	0	4.45774E-09	4.45774E-09	0.004457738
578385.014141496.4:	578385.01	4141496	1.03992E-05	0	0	0	0	0	0	0	2.9502E-11	2.9502E-11	2.9502E-05
578405.014141496.4:	578405.01	4141496	1.10146E-05	0	0	0	0	0	0	0	3.12479E-11	3.12479E-11	3.12479E-05
578425.014141496.4:	578425.01	4141496	1.16439E-05	0	0	0	0	0	0	0	3.3033E-11	3.3033E-11	3.3033E-05
578445.014141496.4:	578445.01	4141496	1.23207E-05	0	0	0	0	0	0	0	3.49531E-11	3.49531E-11	3.49531E-05
578465.014141496.4:	578465.01	4141496	1.31571E-05	0	0	0	0	0	0	0	3.73259E-11	3.73259E-11	3.73259E-05
578485.014141496.4:	578485.01	4141496	1.41716E-05	0	0	0	0	0	0	0	4.02039E-11	4.02039E-11	4.02039E-05
578505.014141496.4:	578505.01	4141496	1.51354E-05	0	0	0	0	0	0	0	4.29381E-11	4.29381E-11	4.29381E-05
578525.014141496.4:	578525.01	4141496	1.66655E-05	0	0	0	0	0	0	0	4.72789E-11	4.72789E-11	4.72789E-05
578545.014141496.4:	578545.01	4141496	1.76385E-05	0	0	0	0	0	0	0	5.00393E-11	5.00393E-11	5.00393E-05
578565.014141496.4:	578565.01	4141496	1.91271E-05	0	0	0	0	0	0	0	5.42626E-11	5.42626E-11	5.42626E-05
578585.014141496.4:	578585.01	4141496	2.09504E-05	0	0	0	0	0	0	0	5.9435E-11	5.9435E-11	5.9435E-05
578605.014141496.4:	578605.01	4141496	2.30698E-05	0	0	0	0	0	0	0	6.54477E-11	6.54477E-11	6.54477E-05
578625.014141496.4:	578625.01	4141496	2.56282E-05	0	0	0	0	0	0	0	7.27057E-11	7.27057E-11	7.27057E-05
578645.014141496.4:	578645.01	4141496	2.90138E-05	0	0	0	0	0	0	0	8.23104E-11	8.23104E-11	8.23104E-05
579085.014141496.4:	579085.01	4141496	0.000893999	0	0	0	0	0	0	0	2.53622E-09	2.53622E-09	0.002536221
579105.014141496.4:	579105.01	4141496	0.001030708	0	0	0	0	0	0	0	2.92406E-09	2.92406E-09	0.002924057
579125.014141496.4:	579125.01	4141496	0.001199187	0	0	0	0	0	0	0	3.40202E-09	3.40202E-09	0.003402024
579145.014141496.4:	579145.01	4141496	0.001429617	0	0	0	0	0	0	0	4.05574E-09	4.05574E-09	0.004055739
579165.014141496.4:	579165.01	4141496	0.001762698	0	0	0	0	0	0	0	5.00067E-09	5.00067E-09	0.005000669
579185.014141496.4:	579185.01	4141496	0.001908452	0	0	0	0	0	0	0	5.41417E-09	5.41417E-09	0.005414167
579205.014141496.4:	579205.01	4141496	0.001355265	0	0	0	0	0	0	0	3.84481E-09	3.84481E-09	0.003844806
578385.014141516.4:	578385.01	4141516	1.04545E-05	0	0	0	0	0	0	0	2.96587E-11	2.96587E-11	2.96587E-05
578405.014141516.4:	578405.01	4141516	1.11466E-05	0	0	0	0	0	0	0	3.16223E-11	3.16223E-11	3.16223E-05
578425.014141516.4:	578425.01	4141516	1.19078E-05	0	0	0	0	0	0	0	3.37819E-11	3.37819E-11	3.37819E-05
578445.014141516.4:	578445.01	4141516	1.25708E-05	0	0	0	0	0	0	0	3.56627E-11	3.56627E-11	3.56627E-05
578465.014141516.4:	578465.01	4141516	1.34119E-05	0	0	0	0	0	0	0	3.80487E-11	3.80487E-11	3.80487E-05
578485.014141516.4:	578485.01	4141516	1.4477E-05	0	0	0	0	0	0	0	4.10703E-11	4.10703E-11	4.10703E-05
578505.014141516.4:	578505.01	4141516	1.54469E-05	0	0	0	0	0	0	0	4.38219E-11	4.38219E-11	4.38219E-05
578525.014141516.4:	578525.01	4141516	1.70046E-05	0	0	0	0	0	0	0	4.82411E-11	4.82411E-11	4.82411E-05
578545.014141516.4:	578545.01	4141516	1.80559E-05	0	0	0	0	0	0	0	5.12236E-11	5.12236E-11	5.12236E-05
578565.014141516.4:	578565.01	4141516	1.9718E-05	0	0	0	0	0	0	0	5.59388E-11	5.59388E-11	5.59388E-05
578585.014141516.4:	578585.01	4141516	2.15305E-05	0	0	0	0	0	0	0	6.10808E-11	6.10808E-11	6.10808E-05
578605.014141516.4:	578605.01	4141516	2.37113E-05	0	0	0	0	0	0	0	6.72677E-11	6.72677E-11	6.72677E-05
578625.014141516.4:	578625.01	4141516	2.64723E-05	0	0	0	0	0	0	0	7.51003E-11	7.51003E-11	7.51003E-05
578645.014141516.4:	578645.01	4141516	2.9976E-05	0	0	0	0	0	0	0	8.50402E-11	8.50402E-11	8.50402E-05
579085.014141516.4:	579085.01	4141516	0.001140076	0	0	0	0	0	0	0	3.23433E-09	3.23433E-09	0.003234329
579105.014141516.4:	579105.01	4141516	0.001356581	0	0	0	0	0	0	0	3.84854E-09	3.84854E-09	0.003848541
579125.014141516.4:	579125.01	4141516	0.001629727	0	0	0	0	0	0	0	4.62344E-09	4.62344E-09	0.004623439
579145.014141516.4:	579145.01	4141516	0.00201023	0	0	0	0	0	0	0	5.7029E-09	5.7029E-09	0.005702904
579165.014141516.4:	579165.01	4141516	0.001124832	0	0	0	0	0	0	0	3.19108E-09	3.19108E-09	0.003191082
578385.014141536.4:	578385.01	4141536	1.05788E-05	0	0	0	0	0	0	0	3.00114E-11	3.00114E-11	3.00114E-05
578405.014141536.4:	578405.01	4141536	1.12218E-05	0	0	0	0	0	0	0	3.18357E-11	3.18357E-11	3.18357E-05
578425.014141536.4:	578425.01	4141536	1.19524E-05	0	0	0	0	0	0	0	3.39081E-11	3.39081E-11	3.39081E-05
578445.014141536.4:	578445.01	4141536	1.28379E-05	0	0	0	0	0	0	0	3.64203E-11	3.64203E-11	3.64203E-05
578465.014141536.4:	578465.01	4141536	1.37035E-05	0	0	0	0	0	0	0	3.88759E-11	3.88759E-11	3.88759E-05
578485.014141536.4:	578485.01	4141536	1.47302E-05	0	0	0	0	0	0	0	4.17887E-11	4.17887E-11	4.17887E-05
578505.014141536.4:	578505.01	4141536	1.57523E-05	0	0	0	0	0	0	0	4.46884E-11	4.46884E-11	4.46884E-05
578525.014141536.4:	578525.01	4141536	1.73438E-05	0	0	0	0	0	0	0	4.92034E-11	4.92034E-11	4.92034E-05
578545.014141536.4:	578545.01	4141536	1.84519E-05	0	0	0	0	0	0	0	5.23469E-11	5.23469E-11	5.23469E-05
578565.014141536.4:	578565.01	4141536	2.02367E-05	0	0	0	0	0	0	0	5.74104E-11	5.74104E-11	5.74104E-05

578585.014141536.4	578585.01	4141536	2.22042E-05	0	0	0	0	0	0	0	6.29921E-11	6.29921E-11	6.29921E-05
578605.014141536.4	578605.01	4141536	2.44603E-05	0	0	0	0	0	0	0	6.93924E-11	6.93924E-11	6.93924E-05
578625.014141536.4	578625.01	4141536	2.73517E-05	0	0	0	0	0	0	0	7.75951E-11	7.75951E-11	7.75951E-05
578645.014141536.4	578645.01	4141536	3.08539E-05	0	0	0	0	0	0	0	8.75307E-11	8.75307E-11	8.75307E-05
578665.014141536.4	578665.01	4141536	3.52908E-05	0	0	0	0	0	0	0	1.00118E-10	1.00118E-10	0.000100118
579105.014141536.4	579105.01	4141536	0.001886804	0	0	0	0	0	0	0	5.35275E-09	5.35275E-09	0.005352751
579125.014141536.4	579125.01	4141536	0.001772738	0	0	0	0	0	0	0	5.02915E-09	5.02915E-09	0.005029152
579185.014141536.4	579185.01	4141536	0.000783223	0	0	0	0	0	0	0	2.22196E-09	2.22196E-09	0.002221957
578385.014141556.4	578385.01	4141556	1.06985E-05	0	0	0	0	0	0	0	3.0351E-11	3.0351E-11	3.0351E-05
578405.014141556.4	578405.01	4141556	1.13308E-05	0	0	0	0	0	0	0	3.21448E-11	3.21448E-11	3.21448E-05
578425.014141556.4	578425.01	4141556	1.20352E-05	0	0	0	0	0	0	0	3.41432E-11	3.41432E-11	3.41432E-05
578445.014141556.4	578445.01	4141556	1.28778E-05	0	0	0	0	0	0	0	3.65335E-11	3.65335E-11	3.65335E-05
578465.014141556.4	578465.01	4141556	1.38615E-05	0	0	0	0	0	0	0	3.93244E-11	3.93244E-11	3.93244E-05
578485.014141556.4	578485.01	4141556	1.48821E-05	0	0	0	0	0	0	0	4.22197E-11	4.22197E-11	4.22197E-05
578505.014141556.4	578505.01	4141556	1.59887E-05	0	0	0	0	0	0	0	4.53589E-11	4.53589E-11	4.53589E-05
578525.014141556.4	578525.01	4141556	1.75326E-05	0	0	0	0	0	0	0	4.97389E-11	4.97389E-11	4.97389E-05
578545.014141556.4	578545.01	4141556	1.87112E-05	0	0	0	0	0	0	0	5.30827E-11	5.30827E-11	5.30827E-05
578565.014141556.4	578565.01	4141556	2.05161E-05	0	0	0	0	0	0	0	5.82028E-11	5.82028E-11	5.82028E-05
578585.014141556.4	578585.01	4141556	2.26094E-05	0	0	0	0	0	0	0	6.41416E-11	6.41416E-11	6.41416E-05
578605.014141556.4	578605.01	4141556	2.51033E-05	0	0	0	0	0	0	0	7.12166E-11	7.12166E-11	7.12166E-05
578625.014141556.4	578625.01	4141556	2.80592E-05	0	0	0	0	0	0	0	7.96022E-11	7.96022E-11	7.96022E-05
578645.014141556.4	578645.01	4141556	3.16949E-05	0	0	0	0	0	0	0	8.99166E-11	8.99166E-11	8.99166E-05
578665.014141556.4	578665.01	4141556	3.62592E-05	0	0	0	0	0	0	0	1.02865E-10	1.02865E-10	0.000102865
578685.014141556.4	578685.01	4141556	4.21862E-05	0	0	0	0	0	0	0	1.1968E-10	1.1968E-10	0.00011968
579165.014141556.4	579165.01	4141556	0.000710095	0	0	0	0	0	0	0	2.0145E-09	2.0145E-09	0.002014499
579185.014141556.4	579185.01	4141556	0.000788987	0	0	0	0	0	0	0	2.23831E-09	2.23831E-09	0.002238311
579205.014141556.4	579205.01	4141556	0.00073726	0	0	0	0	0	0	0	2.09156E-09	2.09156E-09	0.002091563
578385.014141576.4	578385.01	4141576	1.09026E-05	0	0	0	0	0	0	0	3.09301E-11	3.09301E-11	3.09301E-05
578405.014141576.4	578405.01	4141576	1.1472E-05	0	0	0	0	0	0	0	3.25454E-11	3.25454E-11	3.25454E-05
578425.014141576.4	578425.01	4141576	1.21703E-05	0	0	0	0	0	0	0	3.45264E-11	3.45264E-11	3.45264E-05
578445.014141576.4	578445.01	4141576	1.29975E-05	0	0	0	0	0	0	0	3.68731E-11	3.68731E-11	3.68731E-05
578465.014141576.4	578465.01	4141576	1.38692E-05	0	0	0	0	0	0	0	3.93461E-11	3.93461E-11	3.93461E-05
578485.014141576.4	578485.01	4141576	1.49082E-05	0	0	0	0	0	0	0	4.22937E-11	4.22937E-11	4.22937E-05
578505.014141576.4	578505.01	4141576	1.61728E-05	0	0	0	0	0	0	0	4.58813E-11	4.58813E-11	4.58813E-05
578525.014141576.4	578525.01	4141576	1.77321E-05	0	0	0	0	0	0	0	5.03049E-11	5.03049E-11	5.03049E-05
578545.014141576.4	578545.01	4141576	1.91057E-05	0	0	0	0	0	0	0	5.42016E-11	5.42016E-11	5.42016E-05
578565.014141576.4	578565.01	4141576	2.08921E-05	0	0	0	0	0	0	0	5.92696E-11	5.92696E-11	5.92696E-05
578585.014141576.4	578585.01	4141576	2.29962E-05	0	0	0	0	0	0	0	6.52387E-11	6.52387E-11	6.52387E-05
578605.014141576.4	578605.01	4141576	2.55223E-05	0	0	0	0	0	0	0	7.24052E-11	7.24052E-11	7.24052E-05
578625.014141576.4	578625.01	4141576	2.86362E-05	0	0	0	0	0	0	0	8.12393E-11	8.12393E-11	8.12393E-05
578645.014141576.4	578645.01	4141576	3.25804E-05	0	0	0	0	0	0	0	9.24288E-11	9.24288E-11	9.24288E-05
578665.014141576.4	578665.01	4141576	3.73749E-05	0	0	0	0	0	0	0	1.0603E-10	1.0603E-10	0.00010603
578685.014141576.4	578685.01	4141576	4.3546E-05	0	0	0	0	0	0	0	1.23537E-10	1.23537E-10	0.000123537
578705.014141576.4	578705.01	4141576	5.19194E-05	0	0	0	0	0	0	0	1.47292E-10	1.47292E-10	0.000147292
579145.014141576.4	579145.01	4141576	0.000862204	0	0	0	0	0	0	0	2.44602E-09	2.44602E-09	0.002446022
579165.014141576.4	579165.01	4141576	0.000809123	0	0	0	0	0	0	0	2.29543E-09	2.29543E-09	0.002295434
579185.014141576.4	579185.01	4141576	0.000627403	0	0	0	0	0	0	0	1.77991E-09	1.77991E-09	0.001779906
579205.014141576.4	579205.01	4141576	0.000510315	0	0	0	0	0	0	0	1.44773E-09	1.44773E-09	0.001447735
579225.014141576.4	579225.01	4141576	0.000434955	0	0	0	0	0	0	0	1.23394E-09	1.23394E-09	0.001233941
579245.014141576.4	579245.01	4141576	0.000386332	0	0	0	0	0	0	0	1.096E-09	1.096E-09	0.001096001
579265.014141576.4	579265.01	4141576	0.000366128	0	0	0	0	0	0	0	1.03868E-09	1.03868E-09	0.001038682
578385.014141596.4	578385.01	4141596	1.10239E-05	0	0	0	0	0	0	0	3.1274E-11	3.1274E-11	3.1274E-05
578405.014141596.4	578405.01	4141596	1.16915E-05	0	0	0	0	0	0	0	3.3168E-11	3.3168E-11	3.3168E-05
578425.014141596.4	578425.01	4141596	1.23744E-05	0	0	0	0	0	0	0	3.51054E-11	3.51054E-11	3.51054E-05
578445.014141596.4	578445.01	4141596	1.31955E-05	0	0	0	0	0	0	0	3.74348E-11	3.74348E-11	3.74348E-05
578465.014141596.4	578465.01	4141596	1.40871E-05	0	0	0	0	0	0	0	3.99644E-11	3.99644E-11	3.99644E-05
578485.014141596.4	578485.01	4141596	1.51016E-05	0	0	0	0	0	0	0	4.28423E-11	4.28423E-11	4.28423E-05
578505.014141596.4	578505.01	4141596	1.64307E-05	0	0	0	0	0	0	0	4.66128E-11	4.66128E-11	4.66128E-05
578525.014141596.4	578525.01	4141596	1.79224E-05	0	0	0	0	0	0	0	5.08448E-11	5.08448E-11	5.08448E-05
578545.014141596.4	578545.01	4141596	1.93957E-05	0	0	0	0	0	0	0	5.50245E-11	5.50245E-11	5.50245E-05
578565.014141596.4	578565.01	4141596	2.13187E-05	0	0	0	0	0	0	0	6.04799E-11	6.04799E-11	6.04799E-05

578585.014141596.4:	578585.01	4141596	2.34934E-05	0	0	0	0	0	0	0	6.66494E-11	6.66494E-11	6.66494E-05
578605.014141596.4:	578605.01	4141596	2.60318E-05	0	0	0	0	0	0	0	7.38507E-11	7.38507E-11	7.38507E-05
578625.014141596.4:	578625.01	4141596	2.92071E-05	0	0	0	0	0	0	0	8.28589E-11	8.28589E-11	8.28589E-05
578645.014141596.4:	578645.01	4141596	3.32404E-05	0	0	0	0	0	0	0	9.4301E-11	9.4301E-11	9.4301E-05
578665.014141596.4:	578665.01	4141596	3.84093E-05	0	0	0	0	0	0	0	1.08965E-10	1.08965E-10	0.000108965
578685.014141596.4:	578685.01	4141596	4.51191E-05	0	0	0	0	0	0	0	1.28E-10	1.28E-10	0.000128
578705.014141596.4:	578705.01	4141596	5.38992E-05	0	0	0	0	0	0	0	1.52909E-10	1.52909E-10	0.000152909
578725.014141596.4:	578725.01	4141596	6.68936E-05	0	0	0	0	0	0	0	1.89773E-10	1.89773E-10	0.000189773
578745.014141596.4:	578745.01	4141596	8.71641E-05	0	0	0	0	0	0	0	2.47279E-10	2.47279E-10	0.000247279
579105.014141596.4:	579105.01	4141596	0.000918651	0	0	0	0	0	0	0	2.60616E-09	2.60616E-09	0.002606158
579145.014141596.4:	579145.01	4141596	0.0006753	0	0	0	0	0	0	0	1.91579E-09	1.91579E-09	0.001915787
579165.014141596.4:	579165.01	4141596	0.000538702	0	0	0	0	0	0	0	1.52826E-09	1.52826E-09	0.001528265
579185.014141596.4:	579185.01	4141596	0.000447765	0	0	0	0	0	0	0	1.27028E-09	1.27028E-09	0.001270283
579205.014141596.4:	579205.01	4141596	0.000386298	0	0	0	0	0	0	0	1.09591E-09	1.09591E-09	0.001095905
579225.014141596.4:	579225.01	4141596	0.000345283	0	0	0	0	0	0	0	9.79548E-10	9.79548E-10	0.000979548
579245.014141596.4:	579245.01	4141596	0.000321022	0	0	0	0	0	0	0	9.10721E-10	9.10721E-10	0.000910721
579265.014141596.4:	579265.01	4141596	0.000314804	0	0	0	0	0	0	0	8.93079E-10	8.93079E-10	0.000893079
579285.014141596.4:	579285.01	4141596	0.00031634	0	0	0	0	0	0	0	8.97438E-10	8.97438E-10	0.000897438
579305.014141596.4:	579305.01	4141596	0.0003485	0	0	0	0	0	0	0	9.88673E-10	9.88673E-10	0.000988673
579325.014141596.4:	579325.01	4141596	0.000409035	0	0	0	0	0	0	0	1.16041E-09	1.16041E-09	0.001160408
579345.014141596.4:	579345.01	4141596	0.00053761	0	0	0	0	0	0	0	1.52517E-09	1.52517E-09	0.001525169
578385.014141616.4:	578385.01	4141616	1.10714E-05	0	0	0	0	0	0	0	3.1409E-11	3.1409E-11	3.1409E-05
578405.014141616.4:	578405.01	4141616	1.17897E-05	0	0	0	0	0	0	0	3.34466E-11	3.34466E-11	3.34466E-05
578425.014141616.4:	578425.01	4141616	1.25463E-05	0	0	0	0	0	0	0	3.55931E-11	3.55931E-11	3.55931E-05
578445.014141616.4:	578445.01	4141616	1.33766E-05	0	0	0	0	0	0	0	3.79485E-11	3.79485E-11	3.79485E-05
578465.014141616.4:	578465.01	4141616	1.42897E-05	0	0	0	0	0	0	0	4.05391E-11	4.05391E-11	4.05391E-05
578485.014141616.4:	578485.01	4141616	1.53471E-05	0	0	0	0	0	0	0	4.35389E-11	4.35389E-11	4.35389E-05
578505.014141616.4:	578505.01	4141616	1.66056E-05	0	0	0	0	0	0	0	4.71091E-11	4.71091E-11	4.71091E-05
578525.014141616.4:	578525.01	4141616	1.81756E-05	0	0	0	0	0	0	0	5.15632E-11	5.15632E-11	5.15632E-05
578545.014141616.4:	578545.01	4141616	1.96781E-05	0	0	0	0	0	0	0	5.58256E-11	5.58256E-11	5.58256E-05
578565.014141616.4:	578565.01	4141616	2.16333E-05	0	0	0	0	0	0	0	6.13725E-11	6.13725E-11	6.13725E-05
578585.014141616.4:	578585.01	4141616	2.38817E-05	0	0	0	0	0	0	0	6.77509E-11	6.77509E-11	6.77509E-05
578605.014141616.4:	578605.01	4141616	2.65889E-05	0	0	0	0	0	0	0	7.54312E-11	7.54312E-11	7.54312E-05
578625.014141616.4:	578625.01	4141616	2.99131E-05	0	0	0	0	0	0	0	8.48617E-11	8.48617E-11	8.48617E-05
578645.014141616.4:	578645.01	4141616	3.39878E-05	0	0	0	0	0	0	0	9.64213E-11	9.64213E-11	9.64213E-05
578665.014141616.4:	578665.01	4141616	3.93301E-05	0	0	0	0	0	0	0	1.11577E-10	1.11577E-10	0.000111577
578685.014141616.4:	578685.01	4141616	4.65371E-05	0	0	0	0	0	0	0	1.32023E-10	1.32023E-10	0.000132023
578705.014141616.4:	578705.01	4141616	5.6413E-05	0	0	0	0	0	0	0	1.6004E-10	1.6004E-10	0.00016004
578725.014141616.4:	578725.01	4141616	7.01932E-05	0	0	0	0	0	0	0	1.99134E-10	1.99134E-10	0.000199134
578745.014141616.4:	578745.01	4141616	9.10577E-05	0	0	0	0	0	0	0	2.58325E-10	2.58325E-10	0.000258325
579065.014141616.4:	579065.01	4141616	0.000704996	0	0	0	0	0	0	0	2.00003E-09	2.00003E-09	0.002000031
579085.014141616.4:	579085.01	4141616	0.000766691	0	0	0	0	0	0	0	2.17506E-09	2.17506E-09	0.002175057
579105.014141616.4:	579105.01	4141616	0.000728842	0	0	0	0	0	0	0	2.06768E-09	2.06768E-09	0.002067681
579125.014141616.4:	579125.01	4141616	0.00057573	0	0	0	0	0	0	0	1.63331E-09	1.63331E-09	0.001633311
579165.014141616.4:	579165.01	4141616	0.000397227	0	0	0	0	0	0	0	1.12691E-09	1.12691E-09	0.00112691
579185.014141616.4:	579185.01	4141616	0.000346991	0	0	0	0	0	0	0	9.84394E-10	9.84394E-10	0.000984394
579205.014141616.4:	579205.01	4141616	0.000310947	0	0	0	0	0	0	0	8.82138E-10	8.82138E-10	0.000882138
579225.014141616.4:	579225.01	4141616	0.000286784	0	0	0	0	0	0	0	8.1359E-10	8.1359E-10	0.00081359
579245.014141616.4:	579245.01	4141616	0.000274694	0	0	0	0	0	0	0	7.7929E-10	7.7929E-10	0.00077929
579265.014141616.4:	579265.01	4141616	0.000274783	0	0	0	0	0	0	0	7.79543E-10	7.79543E-10	0.000779543
579285.014141616.4:	579285.01	4141616	0.000279886	0	0	0	0	0	0	0	7.9402E-10	7.9402E-10	0.00079402
579305.014141616.4:	579305.01	4141616	0.000309856	0	0	0	0	0	0	0	8.79042E-10	8.79042E-10	0.000879042
579325.014141616.4:	579325.01	4141616	0.000365593	0	0	0	0	0	0	0	1.03717E-09	1.03717E-09	0.001037167
579345.014141616.4:	579345.01	4141616	0.000476705	0	0	0	0	0	0	0	1.35238E-09	1.35238E-09	0.001352385
578385.014141636.4:	578385.01	4141636	1.11374E-05	0	0	0	0	0	0	0	3.15962E-11	3.15962E-11	3.15962E-05
578405.014141636.4:	578405.01	4141636	1.18618E-05	0	0	0	0	0	0	0	3.36512E-11	3.36512E-11	3.36512E-05
578425.014141636.4:	578425.01	4141636	1.26276E-05	0	0	0	0	0	0	0	3.58238E-11	3.58238E-11	3.58238E-05
578445.014141636.4:	578445.01	4141636	1.35055E-05	0	0	0	0	0	0	0	3.83143E-11	3.83143E-11	3.83143E-05
578465.014141636.4:	578465.01	4141636	1.44877E-05	0	0	0	0	0	0	0	4.11008E-11	4.11008E-11	4.11008E-05
578485.014141636.4:	578485.01	4141636	1.5519E-05	0	0	0	0	0	0	0	4.40266E-11	4.40266E-11	4.40266E-05
578505.014141636.4:	578505.01	4141636	1.67867E-05	0	0	0	0	0	0	0	4.76229E-11	4.76229E-11	4.76229E-05

578525.014141636.4:	578525.01	4141636	1.82754E-05	0	0	0	0	0	0	0	5.18462E-11	5.18462E-11	5.18462E-05
578545.014141636.4:	578545.01	4141636	1.99037E-05	0	0	0	0	0	0	0	5.64656E-11	5.64656E-11	5.64656E-05
578565.014141636.4:	578565.01	4141636	2.18804E-05	0	0	0	0	0	0	0	6.20735E-11	6.20735E-11	6.20735E-05
578585.014141636.4:	578585.01	4141636	2.42807E-05	0	0	0	0	0	0	0	6.88829E-11	6.88829E-11	6.88829E-05
578605.014141636.4:	578605.01	4141636	2.71184E-05	0	0	0	0	0	0	0	7.69333E-11	7.69333E-11	7.69333E-05
578625.014141636.4:	578625.01	4141636	3.05439E-05	0	0	0	0	0	0	0	8.66512E-11	8.66512E-11	8.66512E-05
578645.014141636.4:	578645.01	4141636	3.48979E-05	0	0	0	0	0	0	0	9.90032E-11	9.90032E-11	9.90032E-05
578665.014141636.4:	578665.01	4141636	4.04827E-05	0	0	0	0	0	0	0	1.14847E-10	1.14847E-10	0.000114847
578685.014141636.4:	578685.01	4141636	4.81256E-05	0	0	0	0	0	0	0	1.36529E-10	1.36529E-10	0.000136529
578705.014141636.4:	578705.01	4141636	5.86598E-05	0	0	0	0	0	0	0	1.66415E-10	1.66415E-10	0.000166415
578725.014141636.4:	578725.01	4141636	7.28774E-05	0	0	0	0	0	0	0	2.06749E-10	2.06749E-10	0.000206749
579045.014141636.4:	579045.01	4141636	0.000830409	0	0	0	0	0	0	0	2.35582E-09	2.35582E-09	0.002355822
579065.014141636.4:	579065.01	4141636	0.000789314	0	0	0	0	0	0	0	2.23924E-09	2.23924E-09	0.002239238
579085.014141636.4:	579085.01	4141636	0.000610763	0	0	0	0	0	0	0	1.7327E-09	1.7327E-09	0.001732697
579105.014141636.4:	579105.01	4141636	0.000494284	0	0	0	0	0	0	0	1.40225E-09	1.40225E-09	0.001402254
579125.014141636.4:	579125.01	4141636	0.000411583	0	0	0	0	0	0	0	1.16764E-09	1.16764E-09	0.001167636
579165.014141636.4:	579165.01	4141636	0.000312506	0	0	0	0	0	0	0	8.86562E-10	8.86562E-10	0.000886562
579185.014141636.4:	579185.01	4141636	0.000279105	0	0	0	0	0	0	0	7.91803E-10	7.91803E-10	0.000791803
579205.014141636.4:	579205.01	4141636	0.000257451	0	0	0	0	0	0	0	7.30374E-10	7.30374E-10	0.000730374
579225.014141636.4:	579225.01	4141636	0.000244207	0	0	0	0	0	0	0	6.928E-10	6.928E-10	0.0006928
579245.014141636.4:	579245.01	4141636	0.000239957	0	0	0	0	0	0	0	6.80744E-10	6.80744E-10	0.000680744
579265.014141636.4:	579265.01	4141636	0.000243042	0	0	0	0	0	0	0	6.89496E-10	6.89496E-10	0.000689496
579285.014141636.4:	579285.01	4141636	0.000254759	0	0	0	0	0	0	0	7.22738E-10	7.22738E-10	0.000722738
579305.014141636.4:	579305.01	4141636	0.000282785	0	0	0	0	0	0	0	8.02244E-10	8.02244E-10	0.000802244
579325.014141636.4:	579325.01	4141636	0.000330274	0	0	0	0	0	0	0	9.36967E-10	9.36967E-10	0.000936967
579345.014141636.4:	579345.01	4141636	0.000413625	0	0	0	0	0	0	0	1.17343E-09	1.17343E-09	0.001173431
578385.014141656.4:	578385.01	4141656	1.12464E-05	0	0	0	0	0	0	0	3.19053E-11	3.19053E-11	3.19053E-05
578405.014141656.4:	578405.01	4141656	1.19447E-05	0	0	0	0	0	0	0	3.38864E-11	3.38864E-11	3.38864E-05
578425.014141656.4:	578425.01	4141656	1.26844E-05	0	0	0	0	0	0	0	3.59849E-11	3.59849E-11	3.59849E-05
578445.014141656.4:	578445.01	4141656	1.35669E-05	0	0	0	0	0	0	0	3.84884E-11	3.84884E-11	3.84884E-05
578465.014141656.4:	578465.01	4141656	1.46151E-05	0	0	0	0	0	0	0	4.14621E-11	4.14621E-11	4.14621E-05
578485.014141656.4:	578485.01	4141656	1.57155E-05	0	0	0	0	0	0	0	4.45839E-11	4.45839E-11	4.45839E-05
578505.014141656.4:	578505.01	4141656	1.70507E-05	0	0	0	0	0	0	0	4.83718E-11	4.83718E-11	4.83718E-05
578525.014141656.4:	578525.01	4141656	1.84703E-05	0	0	0	0	0	0	0	5.23991E-11	5.23991E-11	5.23991E-05
578545.014141656.4:	578545.01	4141656	2.01585E-05	0	0	0	0	0	0	0	5.71884E-11	5.71884E-11	5.71884E-05
578565.014141656.4:	578565.01	4141656	2.21843E-05	0	0	0	0	0	0	0	6.29355E-11	6.29355E-11	6.29355E-05
578585.014141656.4:	578585.01	4141656	2.46199E-05	0	0	0	0	0	0	0	6.98452E-11	6.98452E-11	6.98452E-05
578605.014141656.4:	578605.01	4141656	2.75865E-05	0	0	0	0	0	0	0	7.82612E-11	7.82612E-11	7.82612E-05
578625.014141656.4:	578625.01	4141656	3.13266E-05	0	0	0	0	0	0	0	8.88717E-11	8.88717E-11	8.88717E-05
578645.014141656.4:	578645.01	4141656	3.58908E-05	0	0	0	0	0	0	0	1.0182E-10	1.0182E-10	0.00010182
578665.014141656.4:	578665.01	4141656	4.17749E-05	0	0	0	0	0	0	0	1.18513E-10	1.18513E-10	0.000118513
578685.014141656.4:	578685.01	4141656	4.99841E-05	0	0	0	0	0	0	0	1.41802E-10	1.41802E-10	0.000141802
578705.014141656.4:	578705.01	4141656	6.03311E-05	0	0	0	0	0	0	0	1.71156E-10	1.71156E-10	0.000171156
578725.014141656.4:	578725.01	4141656	7.46731E-05	0	0	0	0	0	0	0	2.11843E-10	2.11843E-10	0.000211843
579005.014141656.4:	579005.01	4141656	0.000627252	0	0	0	0	0	0	0	1.77948E-09	1.77948E-09	0.001779475
579025.014141656.4:	579025.01	4141656	0.000856255	0	0	0	0	0	0	0	2.42915E-09	2.42915E-09	0.002429146
579045.014141656.4:	579045.01	4141656	0.000647023	0	0	0	0	0	0	0	1.83557E-09	1.83557E-09	0.001835567
579065.014141656.4:	579065.01	4141656	0.000517252	0	0	0	0	0	0	0	1.46741E-09	1.46741E-09	0.001467414
579085.014141656.4:	579085.01	4141656	0.000427654	0	0	0	0	0	0	0	1.21323E-09	1.21323E-09	0.00121323
579105.014141656.4:	579105.01	4141656	0.000363526	0	0	0	0	0	0	0	1.0313E-09	1.0313E-09	0.001031302
579125.014141656.4:	579125.01	4141656	0.000316484	0	0	0	0	0	0	0	8.97847E-10	8.97847E-10	0.000897847
579145.014141656.4:	579145.01	4141656	0.000280429	0	0	0	0	0	0	0	7.95561E-10	7.95561E-10	0.000795561
579185.014141656.4:	579185.01	4141656	0.000232862	0	0	0	0	0	0	0	6.60616E-10	6.60616E-10	0.000660616
579205.014141656.4:	579205.01	4141656	0.000220185	0	0	0	0	0	0	0	6.24653E-10	6.24653E-10	0.000624653
579225.014141656.4:	579225.01	4141656	0.000213724	0	0	0	0	0	0	0	6.06323E-10	6.06323E-10	0.000606323
579245.014141656.4:	579245.01	4141656	0.000214584	0	0	0	0	0	0	0	6.08761E-10	6.08761E-10	0.000608761
579265.014141656.4:	579265.01	4141656	0.000218437	0	0	0	0	0	0	0	6.19694E-10	6.19694E-10	0.000619694
579285.014141656.4:	579285.01	4141656	0.000232767	0	0	0	0	0	0	0	6.60346E-10	6.60346E-10	0.000660346
579305.014141656.4:	579305.01	4141656	0.000260487	0	0	0	0	0	0	0	7.38986E-10	7.38986E-10	0.000738986
579325.014141656.4:	579325.01	4141656	0.000300387	0	0	0	0	0	0	0	8.52179E-10	8.52179E-10	0.000852179
579345.014141656.4:	579345.01	4141656	0.00036792	0	0	0	0	0	0	0	1.04377E-09	1.04377E-09	0.001043768

578385.014141676.4	578385.01	4141676	1.13231E-05	0	0	0	0	0	0	0	3.2123E-11	3.2123E-11	3.2123E-05
578405.014141676.4	578405.01	4141676	1.20137E-05	0	0	0	0	0	0	0	3.40823E-11	3.40823E-11	3.40823E-05
578425.014141676.4	578425.01	4141676	1.27259E-05	0	0	0	0	0	0	0	3.61025E-11	3.61025E-11	3.61025E-05
578445.014141676.4	578445.01	4141676	1.36421E-05	0	0	0	0	0	0	0	3.87018E-11	3.87018E-11	3.87018E-05
578465.014141676.4	578465.01	4141676	1.47333E-05	0	0	0	0	0	0	0	4.17974E-11	4.17974E-11	4.17974E-05
578485.014141676.4	578485.01	4141676	1.58643E-05	0	0	0	0	0	0	0	4.50062E-11	4.50062E-11	4.50062E-05
578505.014141676.4	578505.01	4141676	1.72471E-05	0	0	0	0	0	0	0	4.89291E-11	4.89291E-11	4.89291E-05
578525.014141676.4	578525.01	4141676	1.8725E-05	0	0	0	0	0	0	0	5.31219E-11	5.31219E-11	5.31219E-05
578545.014141676.4	578545.01	4141676	2.04792E-05	0	0	0	0	0	0	0	5.80984E-11	5.80984E-11	5.80984E-05
578565.014141676.4	578565.01	4141676	2.25695E-05	0	0	0	0	0	0	0	6.40284E-11	6.40284E-11	6.40284E-05
578585.014141676.4	578585.01	4141676	2.50972E-05	0	0	0	0	0	0	0	7.11992E-11	7.11992E-11	7.11992E-05
578605.014141676.4	578605.01	4141676	2.81497E-05	0	0	0	0	0	0	0	7.98591E-11	7.98591E-11	7.98591E-05
578625.014141676.4	578625.01	4141676	3.20034E-05	0	0	0	0	0	0	0	9.07917E-11	9.07917E-11	9.07917E-05
578645.014141676.4	578645.01	4141676	3.69452E-05	0	0	0	0	0	0	0	1.04811E-10	1.04811E-10	0.000104811
578665.014141676.4	578665.01	4141676	4.32513E-05	0	0	0	0	0	0	0	1.22701E-10	1.22701E-10	0.000122701
578685.014141676.4	578685.01	4141676	5.11229E-05	0	0	0	0	0	0	0	1.45033E-10	1.45033E-10	0.000145033
578705.014141676.4	578705.01	4141676	6.15405E-05	0	0	0	0	0	0	0	1.74587E-10	1.74587E-10	0.000174587
578985.014141676.4	578985.01	4141676	0.000710972	0	0	0	0	0	0	0	2.01698E-09	2.01698E-09	0.002016985
579005.014141676.4	579005.01	4141676	0.00068275	0	0	0	0	0	0	0	1.93692E-09	1.93692E-09	0.001936921
579025.014141676.4	579025.01	4141676	0.000537683	0	0	0	0	0	0	0	1.52537E-09	1.52537E-09	0.001525374
579045.014141676.4	579045.01	4141676	0.000441295	0	0	0	0	0	0	0	1.25193E-09	1.25193E-09	0.001251927
579065.014141676.4	579065.01	4141676	0.00037094	0	0	0	0	0	0	0	1.05234E-09	1.05234E-09	0.001052336
579085.014141676.4	579085.01	4141676	0.000320547	0	0	0	0	0	0	0	9.09372E-10	9.09372E-10	0.000909372
579105.014141676.4	579105.01	4141676	0.000281344	0	0	0	0	0	0	0	7.98156E-10	7.98156E-10	0.000798156
579125.014141676.4	579125.01	4141676	0.000250907	0	0	0	0	0	0	0	7.11809E-10	7.11809E-10	0.000711809
579145.014141676.4	579145.01	4141676	0.000228191	0	0	0	0	0	0	0	6.47363E-10	6.47363E-10	0.000647363
579165.014141676.4	579165.01	4141676	0.000212389	0	0	0	0	0	0	0	6.02535E-10	6.02535E-10	0.000602535
579185.014141676.4	579185.01	4141676	0.000200497	0	0	0	0	0	0	0	5.68797E-10	5.68797E-10	0.000568797
579205.014141676.4	579205.01	4141676	0.000192837	0	0	0	0	0	0	0	5.47067E-10	5.47067E-10	0.000547067
579225.014141676.4	579225.01	4141676	0.000190272	0	0	0	0	0	0	0	5.39791E-10	5.39791E-10	0.000539791
579245.014141676.4	579245.01	4141676	0.000193925	0	0	0	0	0	0	0	5.50154E-10	5.50154E-10	0.000550154
579265.014141676.4	579265.01	4141676	0.000202545	0	0	0	0	0	0	0	5.74609E-10	5.74609E-10	0.000574609
579285.014141676.4	579285.01	4141676	0.000215999	0	0	0	0	0	0	0	6.12776E-10	6.12776E-10	0.000612776
579305.014141676.4	579305.01	4141676	0.000237623	0	0	0	0	0	0	0	6.74122E-10	6.74122E-10	0.000674122
579325.014141676.4	579325.01	4141676	0.000277545	0	0	0	0	0	0	0	7.8738E-10	7.8738E-10	0.00078738
579345.014141676.4	579345.01	4141676	0.000343863	0	0	0	0	0	0	0	9.7552E-10	9.7552E-10	0.00097552
578385.014141696.4	578385.01	4141696	1.13876E-05	0	0	0	0	0	0	0	3.23059E-11	3.23059E-11	3.23059E-05
578405.014141696.4	578405.01	4141696	1.20322E-05	0	0	0	0	0	0	0	3.41345E-11	3.41345E-11	3.41345E-05
578425.014141696.4	578425.01	4141696	1.28716E-05	0	0	0	0	0	0	0	3.65161E-11	3.65161E-11	3.65161E-05
578445.014141696.4	578445.01	4141696	1.38615E-05	0	0	0	0	0	0	0	3.93244E-11	3.93244E-11	3.93244E-05
578465.014141696.4	578465.01	4141696	1.48852E-05	0	0	0	0	0	0	0	4.22284E-11	4.22284E-11	4.22284E-05
578485.014141696.4	578485.01	4141696	1.60301E-05	0	0	0	0	0	0	0	4.54764E-11	4.54764E-11	4.54764E-05
578505.014141696.4	578505.01	4141696	1.74405E-05	0	0	0	0	0	0	0	4.94776E-11	4.94776E-11	4.94776E-05
578525.014141696.4	578525.01	4141696	1.90366E-05	0	0	0	0	0	0	0	5.40057E-11	5.40057E-11	5.40057E-05
578565.014141696.4	578565.01	4141696	2.30299E-05	0	0	0	0	0	0	0	6.53345E-11	6.53345E-11	6.53345E-05
578585.014141696.4	578585.01	4141696	2.56558E-05	0	0	0	0	0	0	0	7.2784E-11	7.2784E-11	7.2784E-05
578605.014141696.4	578605.01	4141696	2.88557E-05	0	0	0	0	0	0	0	8.18619E-11	8.18619E-11	8.18619E-05
578625.014141696.4	578625.01	4141696	3.27846E-05	0	0	0	0	0	0	0	9.30079E-11	9.30079E-11	9.30079E-05
578645.014141696.4	578645.01	4141696	3.78967E-05	0	0	0	0	0	0	0	1.07511E-10	1.07511E-10	0.000107511
578665.014141696.4	578665.01	4141696	4.42274E-05	0	0	0	0	0	0	0	1.25471E-10	1.25471E-10	0.000125471
578685.014141696.4	578685.01	4141696	5.20713E-05	0	0	0	0	0	0	0	1.47723E-10	1.47723E-10	0.000147723
578945.014141696.4	578945.01	4141696	0.000567791	0	0	0	0	0	0	0	1.61079E-09	1.61079E-09	0.001610788
578965.014141696.4	578965.01	4141696	0.000669149	0	0	0	0	0	0	0	1.89834E-09	1.89834E-09	0.001898337
578985.014141696.4	578985.01	4141696	0.000537273	0	0	0	0	0	0	0	1.52421E-09	1.52421E-09	0.001524211
579005.014141696.4	579005.01	4141696	0.000443129	0	0	0	0	0	0	0	1.25713E-09	1.25713E-09	0.00125713
579025.014141696.4	579025.01	4141696	0.000373247	0	0	0	0	0	0	0	1.05888E-09	1.05888E-09	0.00105888
579045.014141696.4	579045.01	4141696	0.00032105	0	0	0	0	0	0	0	9.108E-10	9.108E-10	0.0009108
579065.014141696.4	579065.01	4141696	0.000281701	0	0	0	0	0	0	0	7.9917E-10	7.9917E-10	0.00079917
579085.014141696.4	579085.01	4141696	0.000250656	0	0	0	0	0	0	0	7.11095E-10	7.11095E-10	0.000711095
579105.014141696.4	579105.01	4141696	0.000226248	0	0	0	0	0	0	0	6.41851E-10	6.41851E-10	0.000641851
579125.014141696.4	579125.01	4141696	0.00020631	0	0	0	0	0	0	0	5.8529E-10	5.8529E-10	0.00058529

579145.014141696.4:	579145.01	4141696	0.000191907	0	0	0	0	0	0	0	5.44428E-10	5.44428E-10	0.000544428
579165.014141696.4:	579165.01	4141696	0.000181675	0	0	0	0	0	0	0	5.15401E-10	5.15401E-10	0.000515401
579185.014141696.4:	579185.01	4141696	0.000175177	0	0	0	0	0	0	0	4.96966E-10	4.96966E-10	0.000496966
579205.014141696.4:	579205.01	4141696	0.000171463	0	0	0	0	0	0	0	4.8643E-10	4.8643E-10	0.00048643
579225.014141696.4:	579225.01	4141696	0.000171716	0	0	0	0	0	0	0	4.87148E-10	4.87148E-10	0.000487148
579245.014141696.4:	579245.01	4141696	0.000175281	0	0	0	0	0	0	0	4.97263E-10	4.97263E-10	0.000497263
579265.014141696.4:	579265.01	4141696	0.000185777	0	0	0	0	0	0	0	5.27039E-10	5.27039E-10	0.000527039
579285.014141696.4:	579285.01	4141696	0.000201164	0	0	0	0	0	0	0	5.70691E-10	5.70691E-10	0.000570691
579305.014141696.4:	579305.01	4141696	0.000221025	0	0	0	0	0	0	0	6.27035E-10	6.27035E-10	0.000627035
579325.014141696.4:	579325.01	4141696	0.00025844	0	0	0	0	0	0	0	7.33178E-10	7.33178E-10	0.000733178
579345.014141696.4:	579345.01	4141696	0.000316682	0	0	0	0	0	0	0	8.98409E-10	8.98409E-10	0.000898409
578385.014141716.4:	578385.01	4141716	1.14459E-05	0	0	0	0	0	0	0	3.24713E-11	3.24713E-11	3.24713E-05
578405.014141716.4:	578405.01	4141716	1.21734E-05	0	0	0	0	0	0	0	3.45351E-11	3.45351E-11	3.45351E-05
578425.014141716.4:	578425.01	4141716	1.30712E-05	0	0	0	0	0	0	0	3.70821E-11	3.70821E-11	3.70821E-05
578445.014141716.4:	578445.01	4141716	1.40196E-05	0	0	0	0	0	0	0	3.97728E-11	3.97728E-11	3.97728E-05
578465.014141716.4:	578465.01	4141716	1.50417E-05	0	0	0	0	0	0	0	4.26725E-11	4.26725E-11	4.26725E-05
578485.014141716.4:	578485.01	4141716	1.62281E-05	0	0	0	0	0	0	0	4.60381E-11	4.60381E-11	4.60381E-05
578505.014141716.4:	578505.01	4141716	1.7706E-05	0	0	0	0	0	0	0	5.02309E-11	5.02309E-11	5.02309E-05
578525.014141716.4:	578525.01	4141716	1.94295E-05	0	0	0	0	0	0	0	5.51203E-11	5.51203E-11	5.51203E-05
578605.014141716.4:	578605.01	4141716	2.95525E-05	0	0	0	0	0	0	0	8.38386E-11	8.38386E-11	8.38386E-05
578625.014141716.4:	578625.01	4141716	3.36793E-05	0	0	0	0	0	0	0	9.55462E-11	9.55462E-11	9.55462E-05
578645.014141716.4:	578645.01	4141716	3.88267E-05	0	0	0	0	0	0	0	1.10149E-10	1.10149E-10	0.000110149
578665.014141716.4:	578665.01	4141716	4.49748E-05	0	0	0	0	0	0	0	1.27591E-10	1.27591E-10	0.000127591
578685.014141716.4:	578685.01	4141716	5.27481E-05	0	0	0	0	0	0	0	1.49643E-10	1.49643E-10	0.000149643
578905.014141716.4:	578905.01	4141716	0.00044234	0	0	0	0	0	0	0	1.25489E-09	1.25489E-09	0.001254892
578925.014141716.4:	578925.01	4141716	0.000488081	0	0	0	0	0	0	0	1.38466E-09	1.38466E-09	0.001384656
578945.014141716.4:	578945.01	4141716	0.000466228	0	0	0	0	0	0	0	1.32266E-09	1.32266E-09	0.001322661
578965.014141716.4:	578965.01	4141716	0.000411445	0	0	0	0	0	0	0	1.16724E-09	1.16724E-09	0.001167244
578985.014141716.4:	578985.01	4141716	0.000357651	0	0	0	0	0	0	0	1.01464E-09	1.01464E-09	0.001014636
579005.014141716.4:	579005.01	4141716	0.000311805	0	0	0	0	0	0	0	8.84572E-10	8.84572E-10	0.000884572
579025.014141716.4:	579025.01	4141716	0.000275466	0	0	0	0	0	0	0	7.8148E-10	7.8148E-10	0.00078148
579045.014141716.4:	579045.01	4141716	0.000245751	0	0	0	0	0	0	0	6.9718E-10	6.9718E-10	0.00069718
579065.014141716.4:	579065.01	4141716	0.000221347	0	0	0	0	0	0	0	6.27949E-10	6.27949E-10	0.000627949
579085.014141716.4:	579085.01	4141716	0.000202119	0	0	0	0	0	0	0	5.73399E-10	5.73399E-10	0.000573399
579105.014141716.4:	579105.01	4141716	0.000187445	0	0	0	0	0	0	0	5.31771E-10	5.31771E-10	0.000531771
579125.014141716.4:	579125.01	4141716	0.000174572	0	0	0	0	0	0	0	4.95251E-10	4.95251E-10	0.000495251
579145.014141716.4:	579145.01	4141716	0.000164742	0	0	0	0	0	0	0	4.67364E-10	4.67364E-10	0.000467364
579165.014141716.4:	579165.01	4141716	0.000158863	0	0	0	0	0	0	0	4.50685E-10	4.50685E-10	0.000450685
579185.014141716.4:	579185.01	4141716	0.000155333	0	0	0	0	0	0	0	4.40671E-10	4.40671E-10	0.000440671
579205.014141716.4:	579205.01	4141716	0.000154253	0	0	0	0	0	0	0	4.37605E-10	4.37605E-10	0.000437605
579225.014141716.4:	579225.01	4141716	0.000156208	0	0	0	0	0	0	0	4.43152E-10	4.43152E-10	0.000443152
579245.014141716.4:	579245.01	4141716	0.0001596	0	0	0	0	0	0	0	4.52774E-10	4.52774E-10	0.000452774
579265.014141716.4:	579265.01	4141716	0.000170195	0	0	0	0	0	0	0	4.82834E-10	4.82834E-10	0.000482834
579285.014141716.4:	579285.01	4141716	0.000185214	0	0	0	0	0	0	0	5.25441E-10	5.25441E-10	0.000525441
579305.014141716.4:	579305.01	4141716	0.000204379	0	0	0	0	0	0	0	5.79812E-10	5.79812E-10	0.000579812
579325.014141716.4:	579325.01	4141716	0.000236785	0	0	0	0	0	0	0	6.71745E-10	6.71745E-10	0.000671745
579345.014141716.4:	579345.01	4141716	0.000287711	0	0	0	0	0	0	0	8.1622E-10	8.1622E-10	0.00081622
578385.014141736.4:	578385.01	4141736	1.15364E-05	0	0	0	0	0	0	0	3.27282E-11	3.27282E-11	3.27282E-05
578405.014141736.4:	578405.01	4141736	1.23652E-05	0	0	0	0	0	0	0	3.50793E-11	3.50793E-11	3.50793E-05
578425.014141736.4:	578425.01	4141736	1.32292E-05	0	0	0	0	0	0	0	3.75306E-11	3.75306E-11	3.75306E-05
578445.014141736.4:	578445.01	4141736	1.41639E-05	0	0	0	0	0	0	0	4.01821E-11	4.01821E-11	4.01821E-05
578465.014141736.4:	578465.01	4141736	1.52013E-05	0	0	0	0	0	0	0	4.31253E-11	4.31253E-11	4.31253E-05
578485.014141736.4:	578485.01	4141736	1.6469E-05	0	0	0	0	0	0	0	4.67216E-11	4.67216E-11	4.67216E-05
578505.014141736.4:	578505.01	4141736	1.81833E-05	0	0	0	0	0	0	0	5.15849E-11	5.15849E-11	5.15849E-05
578625.014141736.4:	578625.01	4141736	3.44973E-05	0	0	0	0	0	0	0	9.78668E-11	9.78668E-11	9.78668E-05
578645.014141736.4:	578645.01	4141736	3.94314E-05	0	0	0	0	0	0	0	1.11865E-10	1.11865E-10	0.000111865
578665.014141736.4:	578665.01	4141736	4.54951E-05	0	0	0	0	0	0	0	1.29067E-10	1.29067E-10	0.000129067
578865.014141736.4:	578865.01	4141736	0.00024033	0	0	0	0	0	0	0	6.81802E-10	6.81802E-10	0.000681802
578885.014141736.4:	578885.01	4141736	0.000282848	0	0	0	0	0	0	0	8.02423E-10	8.02423E-10	0.000802423
578905.014141736.4:	578905.01	4141736	0.000314739	0	0	0	0	0	0	0	8.92896E-10	8.92896E-10	0.000892896
578925.014141736.4:	578925.01	4141736	0.000322597	0	0	0	0	0	0	0	9.15188E-10	9.15188E-10	0.000915188

578945.014141736.4:	578945.01	4141736	0.000309401	0	0	0	0	0	0	0	8.77754E-10	8.77754E-10	0.000877754
578965.014141736.4:	578965.01	4141736	0.00028464	0	0	0	0	0	0	0	8.07508E-10	8.07508E-10	0.000807508
578985.014141736.4:	578985.01	4141736	0.000258869	0	0	0	0	0	0	0	7.34397E-10	7.34397E-10	0.000734397
579005.014141736.4:	579005.01	4141736	0.000234575	0	0	0	0	0	0	0	6.65475E-10	6.65475E-10	0.000665475
579025.014141736.4:	579025.01	4141736	0.000213232	0	0	0	0	0	0	0	6.04926E-10	6.04926E-10	0.000604926
579045.014141736.4:	579045.01	4141736	0.000194987	0	0	0	0	0	0	0	5.53167E-10	5.53167E-10	0.000553167
579065.014141736.4:	579065.01	4141736	0.000180142	0	0	0	0	0	0	0	5.11051E-10	5.11051E-10	0.000511051
579085.014141736.4:	579085.01	4141736	0.000168114	0	0	0	0	0	0	0	4.7693E-10	4.7693E-10	0.00047693
579105.014141736.4:	579105.01	4141736	0.000158579	0	0	0	0	0	0	0	4.49879E-10	4.49879E-10	0.000449879
579125.014141736.4:	579125.01	4141736	0.000150476	0	0	0	0	0	0	0	4.26891E-10	4.26891E-10	0.000426891
579145.014141736.4:	579145.01	4141736	0.000144395	0	0	0	0	0	0	0	4.0964E-10	4.0964E-10	0.00040964
579165.014141736.4:	579165.01	4141736	0.000140867	0	0	0	0	0	0	0	3.99631E-10	3.99631E-10	0.000399631
579185.014141736.4:	579185.01	4141736	0.00013955	0	0	0	0	0	0	0	3.95895E-10	3.95895E-10	0.000395895
579205.014141736.4:	579205.01	4141736	0.000140147	0	0	0	0	0	0	0	3.97589E-10	3.97589E-10	0.000397589
579225.014141736.4:	579225.01	4141736	0.000143144	0	0	0	0	0	0	0	4.06092E-10	4.06092E-10	0.000406092
579245.014141736.4:	579245.01	4141736	0.000148755	0	0	0	0	0	0	0	4.2201E-10	4.2201E-10	0.00042201
579265.014141736.4:	579265.01	4141736	0.000157417	0	0	0	0	0	0	0	4.46583E-10	4.46583E-10	0.000446583
579285.014141736.4:	579285.01	4141736	0.000171622	0	0	0	0	0	0	0	4.86883E-10	4.86883E-10	0.000486883
579305.014141736.4:	579305.01	4141736	0.00019334	0	0	0	0	0	0	0	5.48495E-10	5.48495E-10	0.000548495
579325.014141736.4:	579325.01	4141736	0.000223098	0	0	0	0	0	0	0	6.32917E-10	6.32917E-10	0.000632917
579345.014141736.4:	579345.01	4141736	0.000270418	0	0	0	0	0	0	0	7.6716E-10	7.6716E-10	0.00076716
578385.014141756.4:	578385.01	4141756	1.17329E-05	0	0	0	0	0	0	0	3.32855E-11	3.32855E-11	3.32855E-05
578405.014141756.4:	578405.01	4141756	1.25217E-05	0	0	0	0	0	0	0	3.55234E-11	3.55234E-11	3.55234E-05
578425.014141756.4:	578425.01	4141756	1.33935E-05	0	0	0	0	0	0	0	3.79964E-11	3.79964E-11	3.79964E-05
578445.014141756.4:	578445.01	4141756	1.43726E-05	0	0	0	0	0	0	0	4.07742E-11	4.07742E-11	4.07742E-05

Cubberley Community Center Master Plan - Mitigation

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

Phase	Year	Emissions (lbs/day)	Days Per Year	Work Hours Per Day	Emissions (g/s)
Demolition I - Phase III	2033	0.01		8	0.000153471
Demolition II - Phase III	2034	0.01		8	0.000153471
Grading- Phase III	2034	0.00		8	0
Building Construction I- Phase III	2034	0.00		8	0
Building Construction II- Phase III	2035	0.00		8	0
Paving- Phase III	2035	0.00		8	0
Architectural Coating- Phase III	2035	0.00		8	0

Risk Summary	
Maximum Risk, Uncontrolled	0.006
UTM X	579145.01
UTM Y	4141516.41

AERMOD Column Identifier:			*14*	*14*	*14*	*14*	*14*	*14*	*14*					
			Demolition I - Phase III	Demolition II - Phase III	Grading- Phase III	ng Construction I- Ph	ilding Construction II- Phase	Paving- Phase III	rchitectural Coating- Phase	Child Risk				
Unique Identifier	X (UTM)	Y (UTM)	2033	2034	2034	2034	2035	2035	2035	3rd Trimester	0<2	16<70	Total	per million
578385.014141176.4	578385.01	4141176	6.77116E-06	6.77116E-06	0	0	0	0	0	0	0	1.96896E-11	1.96896E-11	1.96896E-05
578405.014141176.4	578405.01	4141176	7.10726E-06	7.10726E-06	0	0	0	0	0	0	0	2.0667E-11	2.0667E-11	2.0667E-05
578425.014141176.4	578425.01	4141176	7.5155E-06	7.5155E-06	0	0	0	0	0	0	0	2.1854E-11	2.1854E-11	2.1854E-05
578445.014141176.4	578445.01	4141176	8.223E-06	8.223E-06	0	0	0	0	0	0	0	2.39114E-11	2.39114E-11	2.39114E-05
578465.014141176.4	578465.01	4141176	8.4839E-06	8.4839E-06	0	0	0	0	0	0	0	2.467E-11	2.467E-11	2.467E-05
578485.014141176.4	578485.01	4141176	9.16838E-06	9.16838E-06	0	0	0	0	0	0	0	2.66604E-11	2.66604E-11	2.66604E-05
578505.014141176.4	578505.01	4141176	9.87896E-06	9.87896E-06	0	0	0	0	0	0	0	2.87267E-11	2.87267E-11	2.87267E-05
578525.014141176.4	578525.01	4141176	1.05435E-05	1.05435E-05	0	0	0	0	0	0	0	3.0659E-11	3.0659E-11	3.0659E-05
578545.014141176.4	578545.01	4141176	1.15794E-05	1.15794E-05	0	0	0	0	0	0	0	3.36714E-11	3.36714E-11	3.36714E-05
578565.014141176.4	578565.01	4141176	1.22025E-05	1.22025E-05	0	0	0	0	0	0	0	3.54833E-11	3.54833E-11	3.54833E-05
578585.014141176.4	578585.01	4141176	1.35884E-05	1.35884E-05	0	0	0	0	0	0	0	3.95131E-11	3.95131E-11	3.95131E-05
578605.014141176.4	578605.01	4141176	1.49635E-05	1.49635E-05	0	0	0	0	0	0	0	4.35117E-11	4.35117E-11	4.35117E-05
578625.014141176.4	578625.01	4141176	1.53517E-05	1.53517E-05	0	0	0	0	0	0	0	4.46408E-11	4.46408E-11	4.46408E-05
578645.014141176.4	578645.01	4141176	1.66102E-05	1.66102E-05	0	0	0	0	0	0	0	4.83002E-11	4.83002E-11	4.83002E-05
578665.014141176.4	578665.01	4141176	1.83107E-05	1.83107E-05	0	0	0	0	0	0	0	5.3245E-11	5.3245E-11	5.3245E-05
578685.014141176.4	578685.01	4141176	2.13494E-05	2.13494E-05	0	0	0	0	0	0	0	6.20812E-11	6.20812E-11	6.20812E-05
578705.014141176.4	578705.01	4141176	2.36008E-05	2.36008E-05	0	0	0	0	0	0	0	6.8628E-11	6.8628E-11	6.8628E-05
578725.014141176.4	578725.01	4141176	2.62068E-05	2.62068E-05	0	0	0	0	0	0	0	7.62058E-11	7.62058E-11	7.62058E-05
578745.014141176.4	578745.01	4141176	2.93483E-05	2.93483E-05	0	0	0	0	0	0	0	8.5341E-11	8.5341E-11	8.5341E-05
578765.014141176.4	578765.01	4141176	3.28061E-05	3.28061E-05	0	0	0	0	0	0	0	9.53955E-11	9.53955E-11	9.53955E-05
578785.014141176.4	578785.01	4141176	3.70158E-05	3.70158E-05	0	0	0	0	0	0	0	1.07637E-10	1.07637E-10	0.000107637
578805.014141176.4	578805.01	4141176	4.20174E-05	4.20174E-05	0	0	0	0	0	0	0	1.22181E-10	1.22181E-10	0.000122181
578825.014141176.4	578825.01	4141176	4.81164E-05	4.81164E-05	0	0	0	0	0	0	0	1.39916E-10	1.39916E-10	0.000139916
578845.014141176.4	578845.01	4141176	5.53587E-05	5.53587E-05	0	0	0	0	0	0	0	1.60976E-10	1.60976E-10	0.000160976
578865.014141176.4	578865.01	4141176	6.30384E-05	6.30384E-05	0	0	0	0	0	0	0	1.83307E-10	1.83307E-10	0.000183307
578885.014141176.4	578885.01	4141176	7.16604E-05	7.16604E-05	0	0	0	0	0	0	0	2.08379E-10	2.08379E-10	0.000208379
578905.014141176.4	578905.01	4141176	8.06738E-05	8.06738E-05	0	0	0	0	0	0	0	2.34588E-10	2.34588E-10	0.000234588
578925.014141176.4	578925.01	4141176	8.99481E-05	8.99481E-05	0	0	0	0	0	0	0	2.61557E-10	2.61557E-10	0.000261557
578945.014141176.4	578945.01	4141176	9.91563E-05	9.91563E-05	0	0	0	0	0	0	0	2.88333E-10	2.88333E-10	0.000288333
578965.014141176.4	578965.01	4141176	0.000107608	0.000107608	0	0	0	0	0	0	0	3.1291E-10	3.1291E-10	0.00031291
578985.014141176.4	578985.01	4141176	0.00011532	0.00011532	0	0	0	0	0	0	0	3.35335E-10	3.35335E-10	0.000335335
579005.014141176.4	579005.01	4141176	0.000122105	0.000122105	0	0	0	0	0	0	0	3.55065E-10	3.55065E-10	0.000355065
579025.014141176.4	579025.01	4141176	0.000128801	0.000128801	0	0	0	0	0	0	0	3.74536E-10	3.74536E-10	0.000374536
579045.014141176.4	579045.01	4141176	0.000135701	0.000135701	0	0	0	0	0	0	0	3.946E-10	3.946E-10	0.0003946
579065.014141176.4	579065.01	4141176	0.000142727	0.000142727	0	0	0	0	0	0	0	4.1503E-10	4.1503E-10	0.00041503
579085.014141176.4	579085.01	4141176	0.000149733	0.000149733	0	0	0	0	0	0	0	4.35403E-10	4.35403E-10	0.000435403
579105.014141176.4	579105.01	4141176	0.000157136	0.000157136	0	0	0	0	0	0	0	4.56931E-10	4.56931E-10	0.000456931
579125.014141176.4	579125.01	4141176	0.000165039	0.000165039	0	0	0	0	0	0	0	4.7991E-10	4.7991E-10	0.00047991
579145.014141176.4	579145.01	4141176	0.000173418	0.000173418	0	0	0	0	0	0	0	5.04276E-10	5.04276E-10	0.000504276
579165.014141176.4	579165.01	4141176	0.000182023	0.000182023	0	0	0	0	0	0	0	5.29299E-10	5.29299E-10	0.000529299
579185.014141176.4	579185.01	4141176	0.000191812	0.000191812	0	0	0	0	0	0	0	5.57762E-10	5.57762E-10	0.000557762
579205.014141176.4	579205.01	4141176	0.0002018	0.0002018	0	0	0	0	0	0	0	5.86806E-10	5.86806E-10	0.000586806
579225.014141176.4	579225.01	4141176	0.000212449	0.000212449	0	0	0	0	0	0	0	6.17773E-10	6.17773E-10	0.000617773
578385.014141196.4	578385.01	4141196	6.90775E-06	6.90775E-06	0	0	0	0	0	0	0	2.00868E-11	2.00868E-11	2.00868E-05
578405.014141196.4	578405.01	4141196	7.24385E-06	7.24385E-06	0	0	0	0	0	0	0	2.10641E-11	2.10641E-11	2.10641E-05
578425.014141196.4	578425.01	4141196	7.65976E-06	7.65976E-06	0	0	0	0	0	0	0	2.22735E-11	2.22735E-11	2.22735E-05

578445.014141196.4	578445.01	4141196	8.08948E-06	8.08948E-06	0	0	0	0	0	0	0	2.35231E-11	2.35231E-11	2.35231E-05
578465.014141196.4	578465.01	4141196	8.80466E-06	8.80466E-06	0	0	0	0	0	0	0	2.56027E-11	2.56027E-11	2.56027E-05
578485.014141196.4	578485.01	4141196	9.41394E-06	9.41394E-06	0	0	0	0	0	0	0	2.73745E-11	2.73745E-11	2.73745E-05
578505.014141196.4	578505.01	4141196	1.0037E-05	1.0037E-05	0	0	0	0	0	0	0	2.91863E-11	2.91863E-11	2.91863E-05
578525.014141196.4	578525.01	4141196	1.08151E-05	1.08151E-05	0	0	0	0	0	0	0	3.14489E-11	3.14489E-11	3.14489E-05
578545.014141196.4	578545.01	4141196	1.16792E-05	1.16792E-05	0	0	0	0	0	0	0	3.39615E-11	3.39615E-11	3.39615E-05
578565.014141196.4	578565.01	4141196	1.33244E-05	1.33244E-05	0	0	0	0	0	0	0	3.87455E-11	3.87455E-11	3.87455E-05
578585.014141196.4	578585.01	4141196	1.4322E-05	1.4322E-05	0	0	0	0	0	0	0	4.16463E-11	4.16463E-11	4.16463E-05
578605.014141196.4	578605.01	4141196	1.47148E-05	1.47148E-05	0	0	0	0	0	0	0	4.27888E-11	4.27888E-11	4.27888E-05
578625.014141196.4	578625.01	4141196	1.57017E-05	1.57017E-05	0	0	0	0	0	0	0	4.56583E-11	4.56583E-11	4.56583E-05
578645.014141196.4	578645.01	4141196	1.77244E-05	1.77244E-05	0	0	0	0	0	0	0	5.15402E-11	5.15402E-11	5.15402E-05
578665.014141196.4	578665.01	4141196	2.01109E-05	2.01109E-05	0	0	0	0	0	0	0	5.84798E-11	5.84798E-11	5.84798E-05
578685.014141196.4	578685.01	4141196	2.21536E-05	2.21536E-05	0	0	0	0	0	0	0	6.44197E-11	6.44197E-11	6.44197E-05
578705.014141196.4	578705.01	4141196	2.44925E-05	2.44925E-05	0	0	0	0	0	0	0	7.12209E-11	7.12209E-11	7.12209E-05
578725.014141196.4	578725.01	4141196	2.72412E-05	2.72412E-05	0	0	0	0	0	0	0	7.92136E-11	7.92136E-11	7.92136E-05
578745.014141196.4	578745.01	4141196	3.05546E-05	3.05546E-05	0	0	0	0	0	0	0	8.88487E-11	8.88487E-11	8.88487E-05
578765.014141196.4	578765.01	4141196	3.45433E-05	3.45433E-05	0	0	0	0	0	0	0	1.00447E-10	1.00447E-10	0.000100447
578785.014141196.4	578785.01	4141196	3.90938E-05	3.90938E-05	0	0	0	0	0	0	0	1.13679E-10	1.13679E-10	0.000113679
578805.014141196.4	578805.01	4141196	4.47062E-05	4.47062E-05	0	0	0	0	0	0	0	1.3E-10	1.3E-10	0.00013
578825.014141196.4	578825.01	4141196	5.13193E-05	5.13193E-05	0	0	0	0	0	0	0	1.4923E-10	1.4923E-10	0.00014923
578845.014141196.4	578845.01	4141196	5.92829E-05	5.92829E-05	0	0	0	0	0	0	0	1.72387E-10	1.72387E-10	0.000172387
578865.014141196.4	578865.01	4141196	6.83178E-05	6.83178E-05	0	0	0	0	0	0	0	1.98659E-10	1.98659E-10	0.000198659
578885.014141196.4	578885.01	4141196	7.77778E-05	7.77778E-05	0	0	0	0	0	0	0	2.26167E-10	2.26167E-10	0.000226167
578905.014141196.4	578905.01	4141196	8.77949E-05	8.77949E-05	0	0	0	0	0	0	0	2.55296E-10	2.55296E-10	0.000255296
578925.014141196.4	578925.01	4141196	9.80437E-05	9.80437E-05	0	0	0	0	0	0	0	2.85098E-10	2.85098E-10	0.000285098
578945.014141196.4	578945.01	4141196	0.000107912	0.000107912	0	0	0	0	0	0	0	3.13793E-10	3.13793E-10	0.000313793
578965.014141196.4	578965.01	4141196	0.000117056	0.000117056	0	0	0	0	0	0	0	3.40382E-10	3.40382E-10	0.000340382
578985.014141196.4	578985.01	4141196	0.000124674	0.000124674	0	0	0	0	0	0	0	3.62535E-10	3.62535E-10	0.000362535
579005.014141196.4	579005.01	4141196	0.000131975	0.000131975	0	0	0	0	0	0	0	3.83764E-10	3.83764E-10	0.000383764
579025.014141196.4	579025.01	4141196	0.000139283	0.000139283	0	0	0	0	0	0	0	4.05016E-10	4.05016E-10	0.000405016
579045.014141196.4	579045.01	4141196	0.000146352	0.000146352	0	0	0	0	0	0	0	4.25571E-10	4.25571E-10	0.000425571
579065.014141196.4	579065.01	4141196	0.000153846	0.000153846	0	0	0	0	0	0	0	4.47363E-10	4.47363E-10	0.000447363
579085.014141196.4	579085.01	4141196	0.000160968	0.000160968	0	0	0	0	0	0	0	4.68075E-10	4.68075E-10	0.000468075
579105.014141196.4	579105.01	4141196	0.00016861	0.00016861	0	0	0	0	0	0	0	4.90295E-10	4.90295E-10	0.000490295
579125.014141196.4	579125.01	4141196	0.000177045	0.000177045	0	0	0	0	0	0	0	5.14822E-10	5.14822E-10	0.000514822
579145.014141196.4	579145.01	4141196	0.000186614	0.000186614	0	0	0	0	0	0	0	5.42647E-10	5.42647E-10	0.000542647
579165.014141196.4	579165.01	4141196	0.000196529	0.000196529	0	0	0	0	0	0	0	5.71481E-10	5.71481E-10	0.000571481
579185.014141196.4	579185.01	4141196	0.000206827	0.000206827	0	0	0	0	0	0	0	6.01426E-10	6.01426E-10	0.000601426
579205.014141196.4	579205.01	4141196	0.000218	0.000218	0	0	0	0	0	0	0	6.33914E-10	6.33914E-10	0.000633914
579225.014141196.4	579225.01	4141196	0.000230176	0.000230176	0	0	0	0	0	0	0	6.69322E-10	6.69322E-10	0.000669322
579245.014141196.4	579245.01	4141196	0.000243628	0.000243628	0	0	0	0	0	0	0	7.08438E-10	7.08438E-10	0.000708438
578385.014141216.4	578385.01	4141216	7.06122E-06	7.06122E-06	0	0	0	0	0	0	0	2.05331E-11	2.05331E-11	2.05331E-05
578405.014141216.4	578405.01	4141216	7.40193E-06	7.40193E-06	0	0	0	0	0	0	0	2.15238E-11	2.15238E-11	2.15238E-05
578425.014141216.4	578425.01	4141216	7.79174E-06	7.79174E-06	0	0	0	0	0	0	0	2.26573E-11	2.26573E-11	2.26573E-05
578445.014141216.4	578445.01	4141216	8.22453E-06	8.22453E-06	0	0	0	0	0	0	0	2.39158E-11	2.39158E-11	2.39158E-05
578465.014141216.4	578465.01	4141216	8.96887E-06	8.96887E-06	0	0	0	0	0	0	0	2.60803E-11	2.60803E-11	2.60803E-05
578485.014141216.4	578485.01	4141216	9.58582E-06	9.58582E-06	0	0	0	0	0	0	0	2.78743E-11	2.78743E-11	2.78743E-05
578505.014141216.4	578505.01	4141216	1.0192E-05	1.0192E-05	0	0	0	0	0	0	0	2.96371E-11	2.96371E-11	2.96371E-05
578525.014141216.4	578525.01	4141216	1.10377E-05	1.10377E-05	0	0	0	0	0	0	0	3.2096E-11	3.2096E-11	3.2096E-05
578545.014141216.4	578545.01	4141216	1.2577E-05	1.2577E-05	0	0	0	0	0	0	0	3.65722E-11	3.65722E-11	3.65722E-05
578565.014141216.4	578565.01	4141216	1.36206E-05	1.36206E-05	0	0	0	0	0	0	0	3.96068E-11	3.96068E-11	3.96068E-05
578585.014141216.4	578585.01	4141216	1.47225E-05	1.47225E-05	0	0	0	0	0	0	0	4.28111E-11	4.28111E-11	4.28111E-05
578605.014141216.4	578605.01	4141216	1.58045E-05	1.58045E-05	0	0	0	0	0	0	0	4.59573E-11	4.59573E-11	4.59573E-05
578625.014141216.4	578625.01	4141216	1.71566E-05	1.71566E-05	0	0	0	0	0	0	0	4.9889E-11	4.9889E-11	4.9889E-05
578645.014141216.4	578645.01	4141216	1.89246E-05	1.89246E-05	0	0	0	0	0	0	0	5.50301E-11	5.50301E-11	5.50301E-05
578665.014141216.4	578665.01	4141216	2.07954E-05	2.07954E-05	0	0	0	0	0	0	0	6.04701E-11	6.04701E-11	6.04701E-05
578685.014141216.4	578685.01	4141216	2.30207E-05	2.30207E-05	0	0	0	0	0	0	0	6.69411E-11	6.69411E-11	6.69411E-05
578705.014141216.4	578705.01	4141216	2.54317E-05	2.54317E-05	0	0	0	0	0	0	0	7.39521E-11	7.39521E-11	7.39521E-05
578725.014141216.4	578725.01	4141216	2.83293E-05	2.83293E-05	0	0	0	0	0	0	0	8.23777E-11	8.23777E-11	8.23777E-05
578745.014141216.4	578745.01	4141216	3.19128E-05	3.19128E-05	0	0	0	0	0	0	0	9.27982E-11	9.27982E-11	9.27982E-05
578765.014141216.4	578765.01	4141216	3.63144E-05	3.63144E-05	0	0	0	0	0	0	0	1.05597E-10	1.05597E-10	0.000105597
578785.014141216.4	578785.01	4141216	4.1514E-05	4.1514E-05	0	0	0	0	0	0	0	1.20717E-10	1.20717E-10	0.000120717
578805.014141216.4	578805.01	4141216	4.76299E-05	4.76299E-05	0	0	0	0	0	0	0	1.38501E-10	1.38501E-10	0.000138501
578825.014141216.4	578825.01	4141216	5.50425E-05	5.50425E-05	0	0	0	0	0	0	0	1.60056E-10	1.60056E-10	0.000160056
578845.014141216.4	578845.01	4141216	6.38502E-05	6.38502E-05	0	0	0	0	0	0	0	1.85668E-10	1.85668E-10	0.000185668
578925.014141216.4	578925.01	4141216	0.000107145	0.000107145	0	0	0	0	0	0	0	3.11562E-10	3.11562E-10	0.000311562

578945.014141216.4	578945.01	4141216	0.000117564	0.000117564	0	0	0	0	0	0	0	3.41859E-10	3.41859E-10	0.000341859
578965.014141216.4	578965.01	4141216	0.000127595	0.000127595	0	0	0	0	0	0	0	3.71028E-10	3.71028E-10	0.000371028
578985.014141216.4	578985.01	4141216	0.000136005	0.000136005	0	0	0	0	0	0	0	3.95484E-10	3.95484E-10	0.000395484
579005.014141216.4	579005.01	4141216	0.000143543	0.000143543	0	0	0	0	0	0	0	4.17405E-10	4.17405E-10	0.000417405
579025.014141216.4	579025.01	4141216	0.000150551	0.000150551	0	0	0	0	0	0	0	4.37781E-10	4.37781E-10	0.000437781
579045.014141216.4	579045.01	4141216	0.000157782	0.000157782	0	0	0	0	0	0	0	4.5881E-10	4.5881E-10	0.00045881
579065.014141216.4	579065.01	4141216	0.000165557	0.000165557	0	0	0	0	0	0	0	4.81418E-10	4.81418E-10	0.000481418
579085.014141216.4	579085.01	4141216	0.000173258	0.000173258	0	0	0	0	0	0	0	5.03812E-10	5.03812E-10	0.000503812
579105.014141216.4	579105.01	4141216	0.000181475	0.000181475	0	0	0	0	0	0	0	5.27706E-10	5.27706E-10	0.000527706
579125.014141216.4	579125.01	4141216	0.000191006	0.000191006	0	0	0	0	0	0	0	5.55419E-10	5.55419E-10	0.000555419
579145.014141216.4	579145.01	4141216	0.000201402	0.000201402	0	0	0	0	0	0	0	5.8565E-10	5.8565E-10	0.00058565
579165.014141216.4	579165.01	4141216	0.000212044	0.000212044	0	0	0	0	0	0	0	6.16595E-10	6.16595E-10	0.000616595
579185.014141216.4	579185.01	4141216	0.000223669	0.000223669	0	0	0	0	0	0	0	6.504E-10	6.504E-10	0.0006504
579205.014141216.4	579205.01	4141216	0.000236677	0.000236677	0	0	0	0	0	0	0	6.88226E-10	6.88226E-10	0.000688226
579225.014141216.4	579225.01	4141216	0.000251348	0.000251348	0	0	0	0	0	0	0	7.30885E-10	7.30885E-10	0.000730885
579245.014141216.4	579245.01	4141216	0.000266528	0.000266528	0	0	0	0	0	0	0	7.75026E-10	7.75026E-10	0.000775026
578385.014141236.4	578385.01	4141236	7.1487E-06	7.1487E-06	0	0	0	0	0	0	0	2.07874E-11	2.07874E-11	2.07874E-05
578405.014141236.4	578405.01	4141236	7.79328E-06	7.79328E-06	0	0	0	0	0	0	0	2.26618E-11	2.26618E-11	2.26618E-05
578425.014141236.4	578425.01	4141236	8.11403E-06	8.11403E-06	0	0	0	0	0	0	0	2.35945E-11	2.35945E-11	2.35945E-05
578445.014141236.4	578445.01	4141236	8.62663E-06	8.62663E-06	0	0	0	0	0	0	0	2.50851E-11	2.50851E-11	2.50851E-05
578465.014141236.4	578465.01	4141236	9.1822E-06	9.1822E-06	0	0	0	0	0	0	0	2.67006E-11	2.67006E-11	2.67006E-05
578485.014141236.4	578485.01	4141236	9.75157E-06	9.75157E-06	0	0	0	0	0	0	0	2.83563E-11	2.83563E-11	2.83563E-05
578505.014141236.4	578505.01	4141236	1.05389E-05	1.05389E-05	0	0	0	0	0	0	0	3.06456E-11	3.06456E-11	3.06456E-05
578525.014141236.4	578525.01	4141236	1.21058E-05	1.21058E-05	0	0	0	0	0	0	0	3.52021E-11	3.52021E-11	3.52021E-05
578545.014141236.4	578545.01	4141236	1.28317E-05	1.28317E-05	0	0	0	0	0	0	0	3.7313E-11	3.7313E-11	3.7313E-05
578565.014141236.4	578565.01	4141236	1.39045E-05	1.39045E-05	0	0	0	0	0	0	0	4.04324E-11	4.04324E-11	4.04324E-05
578585.014141236.4	578585.01	4141236	1.51016E-05	1.51016E-05	0	0	0	0	0	0	0	4.39134E-11	4.39134E-11	4.39134E-05
578605.014141236.4	578605.01	4141236	1.62756E-05	1.62756E-05	0	0	0	0	0	0	0	4.73274E-11	4.73274E-11	4.73274E-05
578625.014141236.4	578625.01	4141236	1.76492E-05	1.76492E-05	0	0	0	0	0	0	0	5.13215E-11	5.13215E-11	5.13215E-05
578645.014141236.4	578645.01	4141236	1.94372E-05	1.94372E-05	0	0	0	0	0	0	0	5.65206E-11	5.65206E-11	5.65206E-05
578665.014141236.4	578665.01	4141236	2.14614E-05	2.14614E-05	0	0	0	0	0	0	0	6.2407E-11	6.2407E-11	6.2407E-05
578685.014141236.4	578685.01	4141236	2.3831E-05	2.3831E-05	0	0	0	0	0	0	0	6.92974E-11	6.92974E-11	6.92974E-05
578705.014141236.4	578705.01	4141236	2.64784E-05	2.64784E-05	0	0	0	0	0	0	0	7.69957E-11	7.69957E-11	7.69957E-05
578725.014141236.4	578725.01	4141236	2.96184E-05	2.96184E-05	0	0	0	0	0	0	0	8.61264E-11	8.61264E-11	8.61264E-05
578745.014141236.4	578745.01	4141236	3.338E-05	3.338E-05	0	0	0	0	0	0	0	9.70646E-11	9.70646E-11	9.70646E-05
578765.014141236.4	578765.01	4141236	3.80686E-05	3.80686E-05	0	0	0	0	0	0	0	1.10698E-10	1.10698E-10	0.000110698
578785.014141236.4	578785.01	4141236	4.40785E-05	4.40785E-05	0	0	0	0	0	0	0	1.28174E-10	1.28174E-10	0.000128174
578805.014141236.4	578805.01	4141236	5.09617E-05	5.09617E-05	0	0	0	0	0	0	0	1.4819E-10	1.4819E-10	0.00014819
578825.014141236.4	578825.01	4141236	5.93766E-05	5.93766E-05	0	0	0	0	0	0	0	1.72659E-10	1.72659E-10	0.000172659
578945.014141236.4	578945.01	4141236	0.000128991	0.000128991	0	0	0	0	0	0	0	3.75089E-10	3.75089E-10	0.000375089
578965.014141236.4	578965.01	4141236	0.000139007	0.000139007	0	0	0	0	0	0	0	4.04213E-10	4.04213E-10	0.000404213
578985.014141236.4	578985.01	4141236	0.000148264	0.000148264	0	0	0	0	0	0	0	4.31132E-10	4.31132E-10	0.000431132
579005.014141236.4	579005.01	4141236	0.000155833	0.000155833	0	0	0	0	0	0	0	4.53142E-10	4.53142E-10	0.000453142
579025.014141236.4	579025.01	4141236	0.000162981	0.000162981	0	0	0	0	0	0	0	4.73925E-10	4.73925E-10	0.000473925
579045.014141236.4	579045.01	4141236	0.000170257	0.000170257	0	0	0	0	0	0	0	4.95083E-10	4.95083E-10	0.000495083
579065.014141236.4	579065.01	4141236	0.00017803	0.00017803	0	0	0	0	0	0	0	5.17687E-10	5.17687E-10	0.000517687
579085.014141236.4	579085.01	4141236	0.000186919	0.000186919	0	0	0	0	0	0	0	5.43535E-10	5.43535E-10	0.000543535
579105.014141236.4	579105.01	4141236	0.000196201	0.000196201	0	0	0	0	0	0	0	5.70526E-10	5.70526E-10	0.000570526
579125.014141236.4	579125.01	4141236	0.000206378	0.000206378	0	0	0	0	0	0	0	6.00118E-10	6.00118E-10	0.000600118
579145.014141236.4	579145.01	4141236	0.000217369	0.000217369	0	0	0	0	0	0	0	6.3208E-10	6.3208E-10	0.00063208
579165.014141236.4	579165.01	4141236	0.000229684	0.000229684	0	0	0	0	0	0	0	6.67889E-10	6.67889E-10	0.000667889
579185.014141236.4	579185.01	4141236	0.00024312	0.00024312	0	0	0	0	0	0	0	7.06961E-10	7.06961E-10	0.000706961
579205.014141236.4	579205.01	4141236	0.000258194	0.000258194	0	0	0	0	0	0	0	7.50794E-10	7.50794E-10	0.000750794
579225.014141236.4	579225.01	4141236	0.00027546	0.00027546	0	0	0	0	0	0	0	8.01E-10	8.01E-10	0.000801
579245.014141236.4	579245.01	4141236	0.000293017	0.000293017	0	0	0	0	0	0	0	8.52053E-10	8.52053E-10	0.000852053
578385.014141256.4	578385.01	4141256	7.26994E-06	7.26994E-06	0	0	0	0	0	0	0	2.114E-11	2.114E-11	2.114E-05
578405.014141256.4	578405.01	4141256	7.92066E-06	7.92066E-06	0	0	0	0	0	0	0	2.30322E-11	2.30322E-11	2.30322E-05
578425.014141256.4	578425.01	4141256	8.43172E-06	8.43172E-06	0	0	0	0	0	0	0	2.45183E-11	2.45183E-11	2.45183E-05
578445.014141256.4	578445.01	4141256	8.87372E-06	8.87372E-06	0	0	0	0	0	0	0	2.58036E-11	2.58036E-11	2.58036E-05
578465.014141256.4	578465.01	4141256	9.36483E-06	9.36483E-06	0	0	0	0	0	0	0	2.72316E-11	2.72316E-11	2.72316E-05
578485.014141256.4	578485.01	4141256	9.95262E-06	9.95262E-06	0	0	0	0	0	0	0	2.89409E-11	2.89409E-11	2.89409E-05
578505.014141256.4	578505.01	4141256	1.07691E-05	1.07691E-05	0	0	0	0	0	0	0	3.13151E-11	3.13151E-11	3.13151E-05
578525.014141256.4	578525.01	4141256	1.22562E-05	1.22562E-05	0	0	0	0	0	0	0	3.56394E-11	3.56394E-11	3.56394E-05
578545.014141256.4	578545.01	4141256	1.25171E-05	1.25171E-05	0	0	0	0	0	0	0	3.63981E-11	3.63981E-11	3.63981E-05
578565.014141256.4	578565.01	4141256	1.41946E-05	1.41946E-05	0	0	0	0	0	0	0	4.12759E-11	4.12759E-11	4.12759E-05
578585.014141256.4	578585.01	4141256	1.5473E-05	1.5473E-05	0	0	0	0	0	0	0	4.49934E-11	4.49934E-11	4.49934E-05

578605.014141256.4	578605.01	4141256	1.68358E-05	1.68358E-05	0	0	0	0	0	0	0	4.89563E-11	4.89563E-11	4.89563E-05
578625.014141256.4	578625.01	4141256	1.8194E-05	1.8194E-05	0	0	0	0	0	0	0	5.29058E-11	5.29058E-11	5.29058E-05
578645.014141256.4	578645.01	4141256	1.98669E-05	1.98669E-05	0	0	0	0	0	0	0	5.77702E-11	5.77702E-11	5.77702E-05
578665.014141256.4	578665.01	4141256	2.20615E-05	2.20615E-05	0	0	0	0	0	0	0	6.41519E-11	6.41519E-11	6.41519E-05
578685.014141256.4	578685.01	4141256	2.45339E-05	2.45339E-05	0	0	0	0	0	0	0	7.13414E-11	7.13414E-11	7.13414E-05
578705.014141256.4	578705.01	4141256	2.75665E-05	2.75665E-05	0	0	0	0	0	0	0	8.01598E-11	8.01598E-11	8.01598E-05
578725.014141256.4	578725.01	4141256	3.09659E-05	3.09659E-05	0	0	0	0	0	0	0	9.00447E-11	9.00447E-11	9.00447E-05
578745.014141256.4	578745.01	4141256	3.50391E-05	3.50391E-05	0	0	0	0	0	0	0	1.01889E-10	1.01889E-10	0.000101889
578765.014141256.4	578765.01	4141256	4.01665E-05	4.01665E-05	0	0	0	0	0	0	0	1.16799E-10	1.16799E-10	0.000116799
578785.014141256.4	578785.01	4141256	4.66492E-05	4.66492E-05	0	0	0	0	0	0	0	1.35649E-10	1.35649E-10	0.000135649
578805.014141256.4	578805.01	4141256	5.48108E-05	5.48108E-05	0	0	0	0	0	0	0	1.59382E-10	1.59382E-10	0.000159382
578965.014141256.4	578965.01	4141256	0.000152311	0.000152311	0	0	0	0	0	0	0	4.429E-10	4.429E-10	0.0004429
578985.014141256.4	578985.01	4141256	0.000161277	0.000161277	0	0	0	0	0	0	0	4.68972E-10	4.68972E-10	0.000468972
579005.014141256.4	579005.01	4141256	0.000169575	0.000169575	0	0	0	0	0	0	0	4.93102E-10	4.93102E-10	0.000493102
579025.014141256.4	579025.01	4141256	0.000176577	0.000176577	0	0	0	0	0	0	0	5.13461E-10	5.13461E-10	0.000513461
579045.014141256.4	579045.01	4141256	0.000184156	0.000184156	0	0	0	0	0	0	0	5.35502E-10	5.35502E-10	0.000535502
579065.014141256.4	579065.01	4141256	0.000192492	0.000192492	0	0	0	0	0	0	0	5.59739E-10	5.59739E-10	0.000559739
579085.014141256.4	579085.01	4141256	0.000202157	0.000202157	0	0	0	0	0	0	0	5.87846E-10	5.87846E-10	0.000587846
579105.014141256.4	579105.01	4141256	0.000212005	0.000212005	0	0	0	0	0	0	0	6.16483E-10	6.16483E-10	0.000616483
579125.014141256.4	579125.01	4141256	0.000223186	0.000223186	0	0	0	0	0	0	0	6.48994E-10	6.48994E-10	0.000648994
579145.014141256.4	579145.01	4141256	0.000235774	0.000235774	0	0	0	0	0	0	0	6.85597E-10	6.85597E-10	0.000685597
579165.014141256.4	579165.01	4141256	0.000250019	0.000250019	0	0	0	0	0	0	0	7.27021E-10	7.27021E-10	0.000727021
579185.014141256.4	579185.01	4141256	0.000266069	0.000266069	0	0	0	0	0	0	0	7.73692E-10	7.73692E-10	0.000773692
579205.014141256.4	579205.01	4141256	0.000283641	0.000283641	0	0	0	0	0	0	0	8.2479E-10	8.2479E-10	0.00082479
579225.014141256.4	579225.01	4141256	0.0003031	0.0003031	0	0	0	0	0	0	0	8.81373E-10	8.81373E-10	0.000881373
579245.014141256.4	579245.01	4141256	0.000324247	0.000324247	0	0	0	0	0	0	0	9.42866E-10	9.42866E-10	0.000942866
579265.014141256.4	579265.01	4141256	0.000346499	0.000346499	0	0	0	0	0	0	0	1.00757E-09	1.00757E-09	0.001007571
578385.014141276.4	578385.01	4141276	7.95442E-06	7.95442E-06	0	0	0	0	0	0	0	2.31304E-11	2.31304E-11	2.31304E-05
578405.014141276.4	578405.01	4141276	8.05725E-06	8.05725E-06	0	0	0	0	0	0	0	2.34294E-11	2.34294E-11	2.34294E-05
578425.014141276.4	578425.01	4141276	8.56064E-06	8.56064E-06	0	0	0	0	0	0	0	2.48932E-11	2.48932E-11	2.48932E-05
578445.014141276.4	578445.01	4141276	9.10086E-06	9.10086E-06	0	0	0	0	0	0	0	2.64641E-11	2.64641E-11	2.64641E-05
578465.014141276.4	578465.01	4141276	9.5981E-06	9.5981E-06	0	0	0	0	0	0	0	2.791E-11	2.791E-11	2.791E-05
578485.014141276.4	578485.01	4141276	1.01966E-05	1.01966E-05	0	0	0	0	0	0	0	2.96505E-11	2.96505E-11	2.96505E-05
578505.014141276.4	578505.01	4141276	1.09302E-05	1.09302E-05	0	0	0	0	0	0	0	3.17836E-11	3.17836E-11	3.17836E-05
578525.014141276.4	578525.01	4141276	1.17406E-05	1.17406E-05	0	0	0	0	0	0	0	3.414E-11	3.414E-11	3.414E-05
578545.014141276.4	578545.01	4141276	1.26476E-05	1.26476E-05	0	0	0	0	0	0	0	3.67774E-11	3.67774E-11	3.67774E-05
578565.014141276.4	578565.01	4141276	1.43557E-05	1.43557E-05	0	0	0	0	0	0	0	4.17445E-11	4.17445E-11	4.17445E-05
578585.014141276.4	578585.01	4141276	1.57477E-05	1.57477E-05	0	0	0	0	0	0	0	4.57922E-11	4.57922E-11	4.57922E-05
578605.014141276.4	578605.01	4141276	1.71566E-05	1.71566E-05	0	0	0	0	0	0	0	4.9889E-11	4.9889E-11	4.9889E-05
578625.014141276.4	578625.01	4141276	1.87972E-05	1.87972E-05	0	0	0	0	0	0	0	5.46596E-11	5.46596E-11	5.46596E-05
578645.014141276.4	578645.01	4141276	2.0513E-05	2.0513E-05	0	0	0	0	0	0	0	5.9649E-11	5.9649E-11	5.9649E-05
578665.014141276.4	578665.01	4141276	2.26739E-05	2.26739E-05	0	0	0	0	0	0	0	6.59325E-11	6.59325E-11	6.59325E-05
578685.014141276.4	578685.01	4141276	2.53289E-05	2.53289E-05	0	0	0	0	0	0	0	7.36531E-11	7.36531E-11	7.36531E-05
578705.014141276.4	578705.01	4141276	2.85273E-05	2.85273E-05	0	0	0	0	0	0	0	8.29534E-11	8.29534E-11	8.29534E-05
578725.014141276.4	578725.01	4141276	3.24147E-05	3.24147E-05	0	0	0	0	0	0	0	9.42575E-11	9.42575E-11	9.42575E-05
578745.014141276.4	578745.01	4141276	3.68715E-05	3.68715E-05	0	0	0	0	0	0	0	1.07217E-10	1.07217E-10	0.000107217
578765.014141276.4	578765.01	4141276	4.26328E-05	4.26328E-05	0	0	0	0	0	0	0	1.2397E-10	1.2397E-10	0.00012397
578785.014141276.4	578785.01	4141276	4.98199E-05	4.98199E-05	0	0	0	0	0	0	0	1.44869E-10	1.44869E-10	0.000144869
578985.014141276.4	578985.01	4141276	0.000176141	0.000176141	0	0	0	0	0	0	0	5.12193E-10	5.12193E-10	0.000512193
579005.014141276.4	579005.01	4141276	0.00018417	0.00018417	0	0	0	0	0	0	0	5.35542E-10	5.35542E-10	0.000535542
579025.014141276.4	579025.01	4141276	0.000192071	0.000192071	0	0	0	0	0	0	0	5.58516E-10	5.58516E-10	0.000558516
579045.014141276.4	579045.01	4141276	0.000199875	0.000199875	0	0	0	0	0	0	0	5.8121E-10	5.8121E-10	0.00058121
579065.014141276.4	579065.01	4141276	0.000209122	0.000209122	0	0	0	0	0	0	0	6.08098E-10	6.08098E-10	0.000608098
579085.014141276.4	579085.01	4141276	0.000218628	0.000218628	0	0	0	0	0	0	0	6.3574E-10	6.3574E-10	0.00063574
579105.014141276.4	579105.01	4141276	0.000229972	0.000229972	0	0	0	0	0	0	0	6.68728E-10	6.68728E-10	0.000668728
579125.014141276.4	579125.01	4141276	0.000242786	0.000242786	0	0	0	0	0	0	0	7.05988E-10	7.05988E-10	0.000705988
579145.014141276.4	579145.01	4141276	0.000257651	0.000257651	0	0	0	0	0	0	0	7.49214E-10	7.49214E-10	0.000749214
579165.014141276.4	579165.01	4141276	0.000274046	0.000274046	0	0	0	0	0	0	0	7.96889E-10	7.96889E-10	0.000796889
579185.014141276.4	579185.01	4141276	0.000292334	0.000292334	0	0	0	0	0	0	0	8.50067E-10	8.50067E-10	0.000850067
579205.014141276.4	579205.01	4141276	0.000312776	0.000312776	0	0	0	0	0	0	0	9.09511E-10	9.09511E-10	0.000909511
579225.014141276.4	579225.01	4141276	0.000335551	0.000335551	0	0	0	0	0	0	0	9.75738E-10	9.75738E-10	0.000975738
579245.014141276.4	579245.01	4141276	0.000360357	0.000360357	0	0	0	0	0	0	0	1.04787E-09	1.04787E-09	0.001047869
579265.014141276.4	579265.01	4141276	0.000388392	0.000388392	0	0	0	0	0	0	0	1.12939E-09	1.12939E-09	0.00112939
578385.014141296.4	578385.01	4141296	7.79328E-06	7.79328E-06	0	0	0	0	0	0	0	2.26618E-11	2.26618E-11	2.26618E-05
578405.014141296.4	578405.01	4141296	9.20368E-06	9.20368E-06	0	0	0	0	0	0	0	2.67631E-11	2.67631E-11	2.67631E-05
578425.014141296.4	578425.01	4141296	8.73406E-06	8.73406E-06	0	0	0	0	0	0	0	2.53975E-11	2.53975E-11	2.53975E-05

578445.014141296.4:	578445.01	4141296	9.23744E-06	9.23744E-06	0	0	0	0	0	0	0	2.68612E-11	2.68612E-11	2.68612E-05
578465.014141296.4:	578465.01	4141296	9.89584E-06	9.89584E-06	0	0	0	0	0	0	0	2.87758E-11	2.87758E-11	2.87758E-05
578485.014141296.4:	578485.01	4141296	1.05327E-05	1.05327E-05	0	0	0	0	0	0	0	3.06278E-11	3.06278E-11	3.06278E-05
578505.014141296.4:	578505.01	4141296	1.12019E-05	1.12019E-05	0	0	0	0	0	0	0	3.25735E-11	3.25735E-11	3.25735E-05
578525.014141296.4:	578525.01	4141296	1.19846E-05	1.19846E-05	0	0	0	0	0	0	0	3.48495E-11	3.48495E-11	3.48495E-05
578545.014141296.4:	578545.01	4141296	1.29131E-05	1.29131E-05	0	0	0	0	0	0	0	3.75495E-11	3.75495E-11	3.75495E-05
578565.014141296.4:	578565.01	4141296	1.44892E-05	1.44892E-05	0	0	0	0	0	0	0	4.21327E-11	4.21327E-11	4.21327E-05
578585.014141296.4:	578585.01	4141296	1.59994E-05	1.59994E-05	0	0	0	0	0	0	0	4.65241E-11	4.65241E-11	4.65241E-05
578605.014141296.4:	578605.01	4141296	1.74804E-05	1.74804E-05	0	0	0	0	0	0	0	5.08306E-11	5.08306E-11	5.08306E-05
578625.014141296.4:	578625.01	4141296	1.92668E-05	1.92668E-05	0	0	0	0	0	0	0	5.60252E-11	5.60252E-11	5.60252E-05
578645.014141296.4:	578645.01	4141296	2.12343E-05	2.12343E-05	0	0	0	0	0	0	0	6.17465E-11	6.17465E-11	6.17465E-05
578665.014141296.4:	578665.01	4141296	2.33921E-05	2.33921E-05	0	0	0	0	0	0	0	6.80211E-11	6.80211E-11	6.80211E-05
578685.014141296.4:	578685.01	4141296	2.61362E-05	2.61362E-05	0	0	0	0	0	0	0	7.60005E-11	7.60005E-11	7.60005E-05
578705.014141296.4:	578705.01	4141296	2.95601E-05	2.95601E-05	0	0	0	0	0	0	0	8.59569E-11	8.59569E-11	8.59569E-05
578725.014141296.4:	578725.01	4141296	3.37407E-05	3.37407E-05	0	0	0	0	0	0	0	9.81134E-11	9.81134E-11	9.81134E-05
578745.014141296.4:	578745.01	4141296	3.88789E-05	3.88789E-05	0	0	0	0	0	0	0	1.13055E-10	1.13055E-10	0.000113055
579005.014141296.4:	579005.01	4141296	0.000200549	0.000200549	0	0	0	0	0	0	0	5.83169E-10	5.83169E-10	0.000583169
579025.014141296.4:	579025.01	4141296	0.000208746	0.000208746	0	0	0	0	0	0	0	6.07004E-10	6.07004E-10	0.000607004
579045.014141296.4:	579045.01	4141296	0.000217345	0.000217345	0	0	0	0	0	0	0	6.32009E-10	6.32009E-10	0.000632009
579065.014141296.4:	579065.01	4141296	0.000226461	0.000226461	0	0	0	0	0	0	0	6.58518E-10	6.58518E-10	0.000658518
579085.014141296.4:	579085.01	4141296	0.000237597	0.000237597	0	0	0	0	0	0	0	6.90899E-10	6.90899E-10	0.000690899
579105.014141296.4:	579105.01	4141296	0.000250984	0.000250984	0	0	0	0	0	0	0	7.29828E-10	7.29828E-10	0.000729828
579125.014141296.4:	579125.01	4141296	0.000265926	0.000265926	0	0	0	0	0	0	0	7.73277E-10	7.73277E-10	0.000773277
579145.014141296.4:	579145.01	4141296	0.000282305	0.000282305	0	0	0	0	0	0	0	8.20903E-10	8.20903E-10	0.000820903
579165.014141296.4:	579165.01	4141296	0.000301874	0.000301874	0	0	0	0	0	0	0	8.77808E-10	8.77808E-10	0.000877808
579185.014141296.4:	579185.01	4141296	0.000322956	0.000322956	0	0	0	0	0	0	0	9.39112E-10	9.39112E-10	0.000939112
579205.014141296.4:	579205.01	4141296	0.000346905	0.000346905	0	0	0	0	0	0	0	1.00875E-09	1.00875E-09	0.001008753
579225.014141296.4:	579225.01	4141296	0.000373938	0.000373938	0	0	0	0	0	0	0	1.08736E-09	1.08736E-09	0.00108736
579245.014141296.4:	579245.01	4141296	0.00040322	0.00040322	0	0	0	0	0	0	0	1.17251E-09	1.17251E-09	0.001172509
579265.014141296.4:	579265.01	4141296	0.000437822	0.000437822	0	0	0	0	0	0	0	1.27313E-09	1.27313E-09	0.001273126
579285.014141296.4:	579285.01	4141296	0.000475634	0.000475634	0	0	0	0	0	0	0	1.38308E-09	1.38308E-09	0.001383079
578385.014141316.4:	578385.01	4141316	7.99279E-06	7.99279E-06	0	0	0	0	0	0	0	2.3242E-11	2.3242E-11	2.3242E-05
578405.014141316.4:	578405.01	4141316	8.41177E-06	8.41177E-06	0	0	0	0	0	0	0	2.44603E-11	2.44603E-11	2.44603E-05
578425.014141316.4:	578425.01	4141316	9.94341E-06	9.94341E-06	0	0	0	0	0	0	0	2.89141E-11	2.89141E-11	2.89141E-05
578445.014141316.4:	578445.01	4141316	9.55206E-06	9.55206E-06	0	0	0	0	0	0	0	2.77761E-11	2.77761E-11	2.77761E-05
578465.014141316.4:	578465.01	4141316	9.98332E-06	9.98332E-06	0	0	0	0	0	0	0	2.90301E-11	2.90301E-11	2.90301E-05
578485.014141316.4:	578485.01	4141316	1.07154E-05	1.07154E-05	0	0	0	0	0	0	0	3.11589E-11	3.11589E-11	3.11589E-05
578505.014141316.4:	578505.01	4141316	1.19186E-05	1.19186E-05	0	0	0	0	0	0	0	3.46576E-11	3.46576E-11	3.46576E-05
578525.014141316.4:	578525.01	4141316	1.31249E-05	1.31249E-05	0	0	0	0	0	0	0	3.81654E-11	3.81654E-11	3.81654E-05
578545.014141316.4:	578545.01	4141316	1.39582E-05	1.39582E-05	0	0	0	0	0	0	0	4.05886E-11	4.05886E-11	4.05886E-05
578565.014141316.4:	578565.01	4141316	1.51446E-05	1.51446E-05	0	0	0	0	0	0	0	4.40383E-11	4.40383E-11	4.40383E-05
578585.014141316.4:	578585.01	4141316	1.63785E-05	1.63785E-05	0	0	0	0	0	0	0	4.76264E-11	4.76264E-11	4.76264E-05
578605.014141316.4:	578605.01	4141316	1.79116E-05	1.79116E-05	0	0	0	0	0	0	0	5.20846E-11	5.20846E-11	5.20846E-05
578625.014141316.4:	578625.01	4141316	1.97195E-05	1.97195E-05	0	0	0	0	0	0	0	5.73418E-11	5.73418E-11	5.73418E-05
578645.014141316.4:	578645.01	4141316	2.18958E-05	2.18958E-05	0	0	0	0	0	0	0	6.36699E-11	6.36699E-11	6.36699E-05
578665.014141316.4:	578665.01	4141316	2.42592E-05	2.42592E-05	0	0	0	0	0	0	0	7.05425E-11	7.05425E-11	7.05425E-05
578685.014141316.4:	578685.01	4141316	2.71031E-05	2.71031E-05	0	0	0	0	0	0	0	7.8812E-11	7.8812E-11	7.8812E-05
578705.014141316.4:	578705.01	4141316	3.06728E-05	3.06728E-05	0	0	0	0	0	0	0	8.91923E-11	8.91923E-11	8.91923E-05
578725.014141316.4:	578725.01	4141316	3.51971E-05	3.51971E-05	0	0	0	0	0	0	0	1.02348E-10	1.02348E-10	0.000102348
579025.014141316.4:	579025.01	4141316	0.000226884	0.000226884	0	0	0	0	0	0	0	6.59749E-10	6.59749E-10	0.000659749
579045.014141316.4:	579045.01	4141316	0.000236054	0.000236054	0	0	0	0	0	0	0	6.86414E-10	6.86414E-10	0.000686414
579065.014141316.4:	579065.01	4141316	0.000246797	0.000246797	0	0	0	0	0	0	0	7.17653E-10	7.17653E-10	0.000717653
579085.014141316.4:	579085.01	4141316	0.000260034	0.000260034	0	0	0	0	0	0	0	7.56144E-10	7.56144E-10	0.000756144
579105.014141316.4:	579105.01	4141316	0.000275618	0.000275618	0	0	0	0	0	0	0	8.01459E-10	8.01459E-10	0.000801459
579125.014141316.4:	579125.01	4141316	0.000292705	0.000292705	0	0	0	0	0	0	0	8.51147E-10	8.51147E-10	0.000851147
579145.014141316.4:	579145.01	4141316	0.000311808	0.000311808	0	0	0	0	0	0	0	9.06695E-10	9.06695E-10	0.000906695
579165.014141316.4:	579165.01	4141316	0.000334454	0.000334454	0	0	0	0	0	0	0	9.72547E-10	9.72547E-10	0.000972547
579185.014141316.4:	579185.01	4141316	0.000359794	0.000359794	0	0	0	0	0	0	0	1.04623E-09	1.04623E-09	0.001046232
579205.014141316.4:	579205.01	4141316	0.000387775	0.000387775	0	0	0	0	0	0	0	1.1276E-09	1.1276E-09	0.001127596
579225.014141316.4:	579225.01	4141316	0.000420088	0.000420088	0	0	0	0	0	0	0	1.22156E-09	1.22156E-09	0.001221559
579245.014141316.4:	579245.01	4141316	0.000458152	0.000458152	0	0	0	0	0	0	0	1.33224E-09	1.33224E-09	0.001332244
579265.014141316.4:	579265.01	4141316	0.000501781	0.000501781	0	0	0	0	0	0	0	1.45911E-09	1.45911E-09	0.001459111
579285.014141316.4:	579285.01	4141316	0.000549573	0.000549573	0	0	0	0	0	0	0	1.59809E-09	1.59809E-09	0.001598085
578385.014141336.4:	578385.01	4141336	8.15547E-06	8.15547E-06	0	0	0	0	0	0	0	2.3715E-11	2.3715E-11	2.3715E-05
578405.014141336.4:	578405.01	4141336	8.56677E-06	8.56677E-06	0	0	0	0	0	0	0	2.4911E-11	2.4911E-11	2.4911E-05
578425.014141336.4:	578425.01	4141336	9.04407E-06	9.04407E-06	0	0	0	0	0	0	0	2.62989E-11	2.62989E-11	2.62989E-05

578445.014141336.4:	578445.01	4141336	1.01706E-05	1.01706E-05	0	0	0	0	0	0	0	2.95746E-11	2.95746E-11	2.95746E-05
578465.014141336.4:	578465.01	4141336	1.14152E-05	1.14152E-05	0	0	0	0	0	0	0	3.31939E-11	3.31939E-11	3.31939E-05
578485.014141336.4:	578485.01	4141336	1.09471E-05	1.09471E-05	0	0	0	0	0	0	0	3.18327E-11	3.18327E-11	3.18327E-05
578505.014141336.4:	578505.01	4141336	1.16638E-05	1.16638E-05	0	0	0	0	0	0	0	3.39168E-11	3.39168E-11	3.39168E-05
578525.014141336.4:	578525.01	4141336	1.34011E-05	1.34011E-05	0	0	0	0	0	0	0	3.89687E-11	3.89687E-11	3.89687E-05
578545.014141336.4:	578545.01	4141336	1.44555E-05	1.44555E-05	0	0	0	0	0	0	0	4.20346E-11	4.20346E-11	4.20346E-05
578565.014141336.4:	578565.01	4141336	1.55083E-05	1.55083E-05	0	0	0	0	0	0	0	4.5096E-11	4.5096E-11	4.5096E-05
578585.014141336.4:	578585.01	4141336	1.6776E-05	1.6776E-05	0	0	0	0	0	0	0	4.87822E-11	4.87822E-11	4.87822E-05
578605.014141336.4:	578605.01	4141336	1.83506E-05	1.83506E-05	0	0	0	0	0	0	0	5.3361E-11	5.3361E-11	5.3361E-05
578625.014141336.4:	578625.01	4141336	2.0272E-05	2.0272E-05	0	0	0	0	0	0	0	5.89483E-11	5.89483E-11	5.89483E-05
578645.014141336.4:	578645.01	4141336	2.23593E-05	2.23593E-05	0	0	0	0	0	0	0	6.50177E-11	6.50177E-11	6.50177E-05
578665.014141336.4:	578665.01	4141336	2.50895E-05	2.50895E-05	0	0	0	0	0	0	0	7.29569E-11	7.29569E-11	7.29569E-05
578685.014141336.4:	578685.01	4141336	2.81068E-05	2.81068E-05	0	0	0	0	0	0	0	8.17306E-11	8.17306E-11	8.17306E-05
578705.014141336.4:	578705.01	4141336	3.19497E-05	3.19497E-05	0	0	0	0	0	0	0	9.29053E-11	9.29053E-11	9.29053E-05
579025.014141336.4:	579025.01	4141336	0.000247668	0.000247668	0	0	0	0	0	0	0	7.20184E-10	7.20184E-10	0.000720184
579045.014141336.4:	579045.01	4141336	0.000257841	0.000257841	0	0	0	0	0	0	0	7.49767E-10	7.49767E-10	0.000749767
579065.014141336.4:	579065.01	4141336	0.000270673	0.000270673	0	0	0	0	0	0	0	7.8708E-10	7.8708E-10	0.00078708
579085.014141336.4:	579085.01	4141336	0.000286224	0.000286224	0	0	0	0	0	0	0	8.32301E-10	8.32301E-10	0.000832301
579105.014141336.4:	579105.01	4141336	0.00030411	0.00030411	0	0	0	0	0	0	0	8.8431E-10	8.8431E-10	0.00088431
579125.014141336.4:	579125.01	4141336	0.000324478	0.000324478	0	0	0	0	0	0	0	9.43539E-10	9.43539E-10	0.000943539
579145.014141336.4:	579145.01	4141336	0.000347975	0.000347975	0	0	0	0	0	0	0	1.01186E-09	1.01186E-09	0.001011864
579165.014141336.4:	579165.01	4141336	0.00037405	0.00037405	0	0	0	0	0	0	0	1.08769E-09	1.08769E-09	0.001087686
579185.014141336.4:	579185.01	4141336	0.000404491	0.000404491	0	0	0	0	0	0	0	1.1762E-09	1.1762E-09	0.001176204
579205.014141336.4:	579205.01	4141336	0.000437857	0.000437857	0	0	0	0	0	0	0	1.27323E-09	1.27323E-09	0.001273229
579225.014141336.4:	579225.01	4141336	0.000480415	0.000480415	0	0	0	0	0	0	0	1.39698E-09	1.39698E-09	0.001396981
579245.014141336.4:	579245.01	4141336	0.000528078	0.000528078	0	0	0	0	0	0	0	1.53558E-09	1.53558E-09	0.00153558
579265.014141336.4:	579265.01	4141336	0.0005829	0.0005829	0	0	0	0	0	0	0	1.69499E-09	1.69499E-09	0.001694994
579285.014141336.4:	579285.01	4141336	0.00064592	0.00064592	0	0	0	0	0	0	0	1.87825E-09	1.87825E-09	0.001878247
578385.014141356.4:	578385.01	4141356	8.4133E-06	8.4133E-06	0	0	0	0	0	0	0	2.44647E-11	2.44647E-11	2.44647E-05
578405.014141356.4:	578405.01	4141356	8.87679E-06	8.87679E-06	0	0	0	0	0	0	0	2.58125E-11	2.58125E-11	2.58125E-05
578425.014141356.4:	578425.01	4141356	9.40166E-06	9.40166E-06	0	0	0	0	0	0	0	2.73388E-11	2.73388E-11	2.73388E-05
578445.014141356.4:	578445.01	4141356	9.92039E-06	9.92039E-06	0	0	0	0	0	0	0	2.88472E-11	2.88472E-11	2.88472E-05
578465.014141356.4:	578465.01	4141356	1.05327E-05	1.05327E-05	0	0	0	0	0	0	0	3.06278E-11	3.06278E-11	3.06278E-05
578485.014141356.4:	578485.01	4141356	1.23483E-05	1.23483E-05	0	0	0	0	0	0	0	3.59072E-11	3.59072E-11	3.59072E-05
578505.014141356.4:	578505.01	4141356	1.30758E-05	1.30758E-05	0	0	0	0	0	0	0	3.80226E-11	3.80226E-11	3.80226E-05
578525.014141356.4:	578525.01	4141356	1.36881E-05	1.36881E-05	0	0	0	0	0	0	0	3.98032E-11	3.98032E-11	3.98032E-05
578545.014141356.4:	578545.01	4141356	1.47747E-05	1.47747E-05	0	0	0	0	0	0	0	4.29628E-11	4.29628E-11	4.29628E-05
578565.014141356.4:	578565.01	4141356	1.60132E-05	1.60132E-05	0	0	0	0	0	0	0	4.65642E-11	4.65642E-11	4.65642E-05
578585.014141356.4:	578585.01	4141356	1.72763E-05	1.72763E-05	0	0	0	0	0	0	0	5.02371E-11	5.02371E-11	5.02371E-05
578605.014141356.4:	578605.01	4141356	1.88985E-05	1.88985E-05	0	0	0	0	0	0	0	5.49542E-11	5.49542E-11	5.49542E-05
578625.014141356.4:	578625.01	4141356	2.07647E-05	2.07647E-05	0	0	0	0	0	0	0	6.03809E-11	6.03809E-11	6.03809E-05
578645.014141356.4:	578645.01	4141356	2.29823E-05	2.29823E-05	0	0	0	0	0	0	0	6.68295E-11	6.68295E-11	6.68295E-05
578665.014141356.4:	578665.01	4141356	2.57771E-05	2.57771E-05	0	0	0	0	0	0	0	7.49562E-11	7.49562E-11	7.49562E-05
578685.014141356.4:	578685.01	4141356	2.91365E-05	2.91365E-05	0	0	0	0	0	0	0	8.47251E-11	8.47251E-11	8.47251E-05
579025.014141356.4:	579025.01	4141356	0.000271896	0.000271896	0	0	0	0	0	0	0	7.90637E-10	7.90637E-10	0.000790637
579045.014141356.4:	579045.01	4141356	0.000283574	0.000283574	0	0	0	0	0	0	0	8.24594E-10	8.24594E-10	0.000824594
579065.014141356.4:	579065.01	4141356	0.000298416	0.000298416	0	0	0	0	0	0	0	8.67753E-10	8.67753E-10	0.000867753
579085.014141356.4:	579085.01	4141356	0.000316559	0.000316559	0	0	0	0	0	0	0	9.20512E-10	9.20512E-10	0.000920512
579105.014141356.4:	579105.01	4141356	0.000337731	0.000337731	0	0	0	0	0	0	0	9.82075E-10	9.82075E-10	0.000982075
579125.014141356.4:	579125.01	4141356	0.000362334	0.000362334	0	0	0	0	0	0	0	1.05362E-09	1.05362E-09	0.001053617
579145.014141356.4:	579145.01	4141356	0.00039039	0.00039039	0	0	0	0	0	0	0	1.1352E-09	1.1352E-09	0.001135201
579165.014141356.4:	579165.01	4141356	0.000421867	0.000421867	0	0	0	0	0	0	0	1.22673E-09	1.22673E-09	0.001226732
579185.014141356.4:	579185.01	4141356	0.000459302	0.000459302	0	0	0	0	0	0	0	1.33559E-09	1.33559E-09	0.001335587
579205.014141356.4:	579205.01	4141356	0.000503211	0.000503211	0	0	0	0	0	0	0	1.46327E-09	1.46327E-09	0.00146327
579225.014141356.4:	579225.01	4141356	0.000555616	0.000555616	0	0	0	0	0	0	0	1.61565E-09	1.61565E-09	0.001615655
579245.014141356.4:	579245.01	4141356	0.000616861	0.000616861	0	0	0	0	0	0	0	1.79375E-09	1.79375E-09	0.00179375
579265.014141356.4:	579265.01	4141356	0.000689613	0.000689613	0	0	0	0	0	0	0	2.0053E-09	2.0053E-09	0.002005301
579285.014141356.4:	579285.01	4141356	0.000772778	0.000772778	0	0	0	0	0	0	0	2.24713E-09	2.24713E-09	0.002247133
579305.014141356.4:	579305.01	4141356	0.000871478	0.000871478	0	0	0	0	0	0	0	2.53414E-09	2.53414E-09	0.002534141
578385.014141376.4:	578385.01	4141376	8.60975E-06	8.60975E-06	0	0	0	0	0	0	0	2.5036E-11	2.5036E-11	2.5036E-05
578405.014141376.4:	578405.01	4141376	9.79762E-06	9.79762E-06	0	0	0	0	0	0	0	2.84901E-11	2.84901E-11	2.84901E-05
578425.014141376.4:	578425.01	4141376	1.03424E-05	1.03424E-05	0	0	0	0	0	0	0	3.00744E-11	3.00744E-11	3.00744E-05
578445.014141376.4:	578445.01	4141376	1.09978E-05	1.09978E-05	0	0	0	0	0	0	0	3.198E-11	3.198E-11	3.198E-05
578465.014141376.4:	578465.01	4141376	1.16178E-05	1.16178E-05	0	0	0	0	0	0	0	3.37829E-11	3.37829E-11	3.37829E-05
578485.014141376.4:	578485.01	4141376	1.20291E-05	1.20291E-05	0	0	0	0	0	0	0	3.4979E-11	3.4979E-11	3.4979E-05
578505.014141376.4:	578505.01	4141376	1.31709E-05	1.31709E-05	0	0	0	0	0	0	0	3.82992E-11	3.82992E-11	3.82992E-05

578525.014141376.4:	578525.01	4141376	1.4411E-05	1.4411E-05	0	0	0	0	0	0	0	4.19051E-11	4.19051E-11	4.19051E-05
578545.014141376.4:	578545.01	4141376	1.51031E-05	1.51031E-05	0	0	0	0	0	0	0	4.39178E-11	4.39178E-11	4.39178E-05
578565.014141376.4:	578565.01	4141376	1.64276E-05	1.64276E-05	0	0	0	0	0	0	0	4.77692E-11	4.77692E-11	4.77692E-05
578585.014141376.4:	578585.01	4141376	1.78871E-05	1.78871E-05	0	0	0	0	0	0	0	5.20132E-11	5.20132E-11	5.20132E-05
578605.014141376.4:	578605.01	4141376	1.95292E-05	1.95292E-05	0	0	0	0	0	0	0	5.67884E-11	5.67884E-11	5.67884E-05
578625.014141376.4:	578625.01	4141376	2.14261E-05	2.14261E-05	0	0	0	0	0	0	0	6.23043E-11	6.23043E-11	6.23043E-05
578645.014141376.4:	578645.01	4141376	2.37313E-05	2.37313E-05	0	0	0	0	0	0	0	6.90074E-11	6.90074E-11	6.90074E-05
578665.014141376.4:	578665.01	4141376	2.65874E-05	2.65874E-05	0	0	0	0	0	0	0	7.73125E-11	7.73125E-11	7.73125E-05
578685.014141376.4:	578685.01	4141376	3.0283E-05	3.0283E-05	0	0	0	0	0	0	0	8.80588E-11	8.80588E-11	8.80588E-05
579005.014141376.4:	579005.01	4141376	0.000289931	0.000289931	0	0	0	0	0	0	0	8.43079E-10	8.43079E-10	0.000843079
579025.014141376.4:	579025.01	4141376	0.00029915	0.00029915	0	0	0	0	0	0	0	8.69886E-10	8.69886E-10	0.000869886
579045.014141376.4:	579045.01	4141376	0.000312529	0.000312529	0	0	0	0	0	0	0	9.08793E-10	9.08793E-10	0.000908793
579065.014141376.4:	579065.01	4141376	0.000330507	0.000330507	0	0	0	0	0	0	0	9.61069E-10	9.61069E-10	0.000961069
579085.014141376.4:	579085.01	4141376	0.000352545	0.000352545	0	0	0	0	0	0	0	1.02515E-09	1.02515E-09	0.001025154
579105.014141376.4:	579105.01	4141376	0.00037756	0.00037756	0	0	0	0	0	0	0	1.09789E-09	1.09789E-09	0.001097892
579125.014141376.4:	579125.01	4141376	0.000406886	0.000406886	0	0	0	0	0	0	0	1.18317E-09	1.18317E-09	0.001183171
579145.014141376.4:	579145.01	4141376	0.000441255	0.000441255	0	0	0	0	0	0	0	1.28311E-09	1.28311E-09	0.001283109
579165.014141376.4:	579165.01	4141376	0.000481774	0.000481774	0	0	0	0	0	0	0	1.40093E-09	1.40093E-09	0.001400935
579185.014141376.4:	579185.01	4141376	0.00052947	0.00052947	0	0	0	0	0	0	0	1.53963E-09	1.53963E-09	0.001539628
579205.014141376.4:	579205.01	4141376	0.000585994	0.000585994	0	0	0	0	0	0	0	1.70399E-09	1.70399E-09	0.00170399
579225.014141376.4:	579225.01	4141376	0.000654296	0.000654296	0	0	0	0	0	0	0	1.9026E-09	1.9026E-09	0.001902605
579245.014141376.4:	579245.01	4141376	0.000736379	0.000736379	0	0	0	0	0	0	0	2.14129E-09	2.14129E-09	0.00214129
579265.014141376.4:	579265.01	4141376	0.000831642	0.000831642	0	0	0	0	0	0	0	2.4183E-09	2.4183E-09	0.002418301
579285.014141376.4:	579285.01	4141376	0.000948992	0.000948992	0	0	0	0	0	0	0	2.75954E-09	2.75954E-09	0.00275954
579305.014141376.4:	579305.01	4141376	0.001095784	0.001095784	0	0	0	0	0	0	0	3.18639E-09	3.18639E-09	0.003186392
578385.014141396.4:	578385.01	4141396	9.46765E-06	9.46765E-06	0	0	0	0	0	0	0	2.75306E-11	2.75306E-11	2.75306E-05
578405.014141396.4:	578405.01	4141396	9.9649E-06	9.9649E-06	0	0	0	0	0	0	0	2.89766E-11	2.89766E-11	2.89766E-05
578425.014141396.4:	578425.01	4141396	1.01598E-05	1.01598E-05	0	0	0	0	0	0	0	2.95433E-11	2.95433E-11	2.95433E-05
578445.014141396.4:	578445.01	4141396	1.11205E-05	1.11205E-05	0	0	0	0	0	0	0	3.2337E-11	3.2337E-11	3.2337E-05
578465.014141396.4:	578465.01	4141396	1.19201E-05	1.19201E-05	0	0	0	0	0	0	0	3.46621E-11	3.46621E-11	3.46621E-05
578485.014141396.4:	578485.01	4141396	1.27074E-05	1.27074E-05	0	0	0	0	0	0	0	3.69515E-11	3.69515E-11	3.69515E-05
578505.014141396.4:	578505.01	4141396	1.3438E-05	1.3438E-05	0	0	0	0	0	0	0	3.90758E-11	3.90758E-11	3.90758E-05
578525.014141396.4:	578525.01	4141396	1.46826E-05	1.46826E-05	0	0	0	0	0	0	0	4.2695E-11	4.2695E-11	4.2695E-05
578545.014141396.4:	578545.01	4141396	1.55114E-05	1.55114E-05	0	0	0	0	0	0	0	4.51049E-11	4.51049E-11	4.51049E-05
578565.014141396.4:	578565.01	4141396	1.67422E-05	1.67422E-05	0	0	0	0	0	0	0	4.8684E-11	4.8684E-11	4.8684E-05
578585.014141396.4:	578585.01	4141396	1.82462E-05	1.82462E-05	0	0	0	0	0	0	0	5.30575E-11	5.30575E-11	5.30575E-05
578605.014141396.4:	578605.01	4141396	2.00065E-05	2.00065E-05	0	0	0	0	0	0	0	5.81763E-11	5.81763E-11	5.81763E-05
578625.014141396.4:	578625.01	4141396	2.21091E-05	2.21091E-05	0	0	0	0	0	0	0	6.42902E-11	6.42902E-11	6.42902E-05
578645.014141396.4:	578645.01	4141396	2.45493E-05	2.45493E-05	0	0	0	0	0	0	0	7.1386E-11	7.1386E-11	7.1386E-05
578665.014141396.4:	578665.01	4141396	2.75098E-05	2.75098E-05	0	0	0	0	0	0	0	7.99946E-11	7.99946E-11	7.99946E-05
579005.014141396.4:	579005.01	4141396	0.000319871	0.000319871	0	0	0	0	0	0	0	9.30142E-10	9.30142E-10	0.000930142
579025.014141396.4:	579025.01	4141396	0.000330335	0.000330335	0	0	0	0	0	0	0	9.60569E-10	9.60569E-10	0.000960569
579045.014141396.4:	579045.01	4141396	0.000346239	0.000346239	0	0	0	0	0	0	0	1.00682E-09	1.00682E-09	0.001006817
579065.014141396.4:	579065.01	4141396	0.000367695	0.000367695	0	0	0	0	0	0	0	1.06921E-09	1.06921E-09	0.001069206
579085.014141396.4:	579085.01	4141396	0.000394359	0.000394359	0	0	0	0	0	0	0	1.14674E-09	1.14674E-09	0.001146741
579105.014141396.4:	579105.01	4141396	0.000425728	0.000425728	0	0	0	0	0	0	0	1.23796E-09	1.23796E-09	0.00123796
579125.014141396.4:	579125.01	4141396	0.000463448	0.000463448	0	0	0	0	0	0	0	1.34765E-09	1.34765E-09	0.001347645
579145.014141396.4:	579145.01	4141396	0.000507318	0.000507318	0	0	0	0	0	0	0	1.47521E-09	1.47521E-09	0.001475213
579165.014141396.4:	579165.01	4141396	0.000558496	0.000558496	0	0	0	0	0	0	0	1.62403E-09	1.62403E-09	0.001624032
579185.014141396.4:	579185.01	4141396	0.000620184	0.000620184	0	0	0	0	0	0	0	1.80341E-09	1.80341E-09	0.001803411
579205.014141396.4:	579205.01	4141396	0.000696254	0.000696254	0	0	0	0	0	0	0	2.02461E-09	2.02461E-09	0.002024612
579225.014141396.4:	579225.01	4141396	0.000788297	0.000788297	0	0	0	0	0	0	0	2.29226E-09	2.29226E-09	0.00229226
579245.014141396.4:	579245.01	4141396	0.000900567	0.000900567	0	0	0	0	0	0	0	2.61873E-09	2.61873E-09	0.002618727
579265.014141396.4:	579265.01	4141396	0.001036851	0.001036851	0	0	0	0	0	0	0	3.01502E-09	3.01502E-09	0.003015023
579285.014141396.4:	579285.01	4141396	0.001209178	0.001209178	0	0	0	0	0	0	0	3.51613E-09	3.51613E-09	0.003516127
579305.014141396.4:	579305.01	4141396	0.001433019	0.001433019	0	0	0	0	0	0	0	4.16703E-09	4.16703E-09	0.004167026
578385.014141416.4:	578385.01	4141416	9.60731E-06	9.60731E-06	0	0	0	0	0	0	0	2.79368E-11	2.79368E-11	2.79368E-05
578405.014141416.4:	578405.01	4141416	1.00309E-05	1.00309E-05	0	0	0	0	0	0	0	2.91685E-11	2.91685E-11	2.91685E-05
578425.014141416.4:	578425.01	4141416	1.06939E-05	1.06939E-05	0	0	0	0	0	0	0	3.10964E-11	3.10964E-11	3.10964E-05
578445.014141416.4:	578445.01	4141416	1.13676E-05	1.13676E-05	0	0	0	0	0	0	0	3.30555E-11	3.30555E-11	3.30555E-05
578465.014141416.4:	578465.01	4141416	1.21104E-05	1.21104E-05	0	0	0	0	0	0	0	3.52155E-11	3.52155E-11	3.52155E-05
578485.014141416.4:	578485.01	4141416	1.29944E-05	1.29944E-05	0	0	0	0	0	0	0	3.7786E-11	3.7786E-11	3.7786E-05
578505.014141416.4:	578505.01	4141416	1.38032E-05	1.38032E-05	0	0	0	0	0	0	0	4.01379E-11	4.01379E-11	4.01379E-05
578525.014141416.4:	578525.01	4141416	1.48253E-05	1.48253E-05	0	0	0	0	0	0	0	4.31101E-11	4.31101E-11	4.31101E-05
578545.014141416.4:	578545.01	4141416	1.59871E-05	1.59871E-05	0	0	0	0	0	0	0	4.64884E-11	4.64884E-11	4.64884E-05
578565.014141416.4:	578565.01	4141416	1.71412E-05	1.71412E-05	0	0	0	0	0	0	0	4.98444E-11	4.98444E-11	4.98444E-05

578585.014141416.4:	578585.01	4141416	1.86667E-05	1.86667E-05	0	0	0	0	0	0	0	5.42803E-11	5.42803E-11	5.42803E-05
578605.014141416.4:	578605.01	4141416	2.04838E-05	2.04838E-05	0	0	0	0	0	0	0	5.95642E-11	5.95642E-11	5.95642E-05
578625.014141416.4:	578625.01	4141416	2.26478E-05	2.26478E-05	0	0	0	0	0	0	0	6.58567E-11	6.58567E-11	6.58567E-05
578645.014141416.4:	578645.01	4141416	2.52276E-05	2.52276E-05	0	0	0	0	0	0	0	7.33585E-11	7.33585E-11	7.33585E-05
578665.014141416.4:	578665.01	4141416	2.84904E-05	2.84904E-05	0	0	0	0	0	0	0	8.28463E-11	8.28463E-11	8.28463E-05
579025.014141416.4:	579025.01	4141416	0.000367094	0.000367094	0	0	0	0	0	0	0	1.06746E-09	1.06746E-09	0.001067461
579045.014141416.4:	579045.01	4141416	0.000386949	0.000386949	0	0	0	0	0	0	0	1.1252E-09	1.1252E-09	0.001125195
579065.014141416.4:	579065.01	4141416	0.000413507	0.000413507	0	0	0	0	0	0	0	1.20242E-09	1.20242E-09	0.001202423
579085.014141416.4:	579085.01	4141416	0.000447716	0.000447716	0	0	0	0	0	0	0	1.3019E-09	1.3019E-09	0.001301898
579105.014141416.4:	579105.01	4141416	0.000487789	0.000487789	0	0	0	0	0	0	0	1.41842E-09	1.41842E-09	0.001418424
579125.014141416.4:	579125.01	4141416	0.000535948	0.000535948	0	0	0	0	0	0	0	1.55846E-09	1.55846E-09	0.001558465
579145.014141416.4:	579145.01	4141416	0.000591952	0.000591952	0	0	0	0	0	0	0	1.72131E-09	1.72131E-09	0.001721315
579165.014141416.4:	579165.01	4141416	0.000659106	0.000659106	0	0	0	0	0	0	0	1.91659E-09	1.91659E-09	0.001916591
579185.014141416.4:	579185.01	4141416	0.000741471	0.000741471	0	0	0	0	0	0	0	2.1561E-09	2.1561E-09	0.002156097
579205.014141416.4:	579205.01	4141416	0.000843887	0.000843887	0	0	0	0	0	0	0	2.45391E-09	2.45391E-09	0.002453909
579225.014141416.4:	579225.01	4141416	0.000974964	0.000974964	0	0	0	0	0	0	0	2.83506E-09	2.83506E-09	0.002835063
579245.014141416.4:	579245.01	4141416	0.001138136	0.001138136	0	0	0	0	0	0	0	3.30955E-09	3.30955E-09	0.003309546
579265.014141416.4:	579265.01	4141416	0.001347327	0.001347327	0	0	0	0	0	0	0	3.91784E-09	3.91784E-09	0.003917845
579285.014141416.4:	579285.01	4141416	0.001603807	0.001603807	0	0	0	0	0	0	0	4.66365E-09	4.66365E-09	0.004663653
579305.014141416.4:	579305.01	4141416	0.00198104	0.00198104	0	0	0	0	0	0	0	5.7606E-09	5.7606E-09	0.005760595
578385.014141436.4:	578385.01	4141436	9.75311E-06	9.75311E-06	0	0	0	0	0	0	0	2.83607E-11	2.83607E-11	2.83607E-05
578405.014141436.4:	578405.01	4141436	1.02887E-05	1.02887E-05	0	0	0	0	0	0	0	2.99182E-11	2.99182E-11	2.99182E-05
578425.014141436.4:	578425.01	4141436	1.09087E-05	1.09087E-05	0	0	0	0	0	0	0	3.17212E-11	3.17212E-11	3.17212E-05
578445.014141436.4:	578445.01	4141436	1.16684E-05	1.16684E-05	0	0	0	0	0	0	0	3.39302E-11	3.39302E-11	3.39302E-05
578465.014141436.4:	578465.01	4141436	1.24619E-05	1.24619E-05	0	0	0	0	0	0	0	3.62375E-11	3.62375E-11	3.62375E-05
578485.014141436.4:	578485.01	4141436	1.33428E-05	1.33428E-05	0	0	0	0	0	0	0	3.87991E-11	3.87991E-11	3.87991E-05
578505.014141436.4:	578505.01	4141436	1.4127E-05	1.4127E-05	0	0	0	0	0	0	0	4.10795E-11	4.10795E-11	4.10795E-05
578525.014141436.4:	578525.01	4141436	1.52658E-05	1.52658E-05	0	0	0	0	0	0	0	4.43909E-11	4.43909E-11	4.43909E-05
578545.014141436.4:	578545.01	4141436	1.63938E-05	1.63938E-05	0	0	0	0	0	0	0	4.7671E-11	4.7671E-11	4.7671E-05
578565.014141436.4:	578565.01	4141436	1.76139E-05	1.76139E-05	0	0	0	0	0	0	0	5.12189E-11	5.12189E-11	5.12189E-05
578585.014141436.4:	578585.01	4141436	1.92499E-05	1.92499E-05	0	0	0	0	0	0	0	5.59762E-11	5.59762E-11	5.59762E-05
578605.014141436.4:	578605.01	4141436	2.11023E-05	2.11023E-05	0	0	0	0	0	0	0	6.13627E-11	6.13627E-11	6.13627E-05
578625.014141436.4:	578625.01	4141436	2.33415E-05	2.33415E-05	0	0	0	0	0	0	0	6.78738E-11	6.78738E-11	6.78738E-05
578645.014141436.4:	578645.01	4141436	2.60134E-05	2.60134E-05	0	0	0	0	0	0	0	7.56435E-11	7.56435E-11	7.56435E-05
579025.014141436.4:	579025.01	4141436	0.00041115	0.00041115	0	0	0	0	0	0	0	1.19557E-09	1.19557E-09	0.001195568
579045.014141436.4:	579045.01	4141436	0.000437693	0.000437693	0	0	0	0	0	0	0	1.27275E-09	1.27275E-09	0.001272751
579065.014141436.4:	579065.01	4141436	0.000472539	0.000472539	0	0	0	0	0	0	0	1.37408E-09	1.37408E-09	0.001374078
579085.014141436.4:	579085.01	4141436	0.000516623	0.000516623	0	0	0	0	0	0	0	1.50227E-09	1.50227E-09	0.00150227
579105.014141436.4:	579105.01	4141436	0.000568242	0.000568242	0	0	0	0	0	0	0	1.65237E-09	1.65237E-09	0.00165237
579125.014141436.4:	579125.01	4141436	0.000630499	0.000630499	0	0	0	0	0	0	0	1.83341E-09	1.83341E-09	0.001833406
579145.014141436.4:	579145.01	4141436	0.000705353	0.000705353	0	0	0	0	0	0	0	2.05107E-09	2.05107E-09	0.002051071
579165.014141436.4:	579165.01	4141436	0.000796204	0.000796204	0	0	0	0	0	0	0	2.31525E-09	2.31525E-09	0.002315252
579185.014141436.4:	579185.01	4141436	0.000910844	0.000910844	0	0	0	0	0	0	0	2.64861E-09	2.64861E-09	0.00264861
579205.014141436.4:	579205.01	4141436	0.001059533	0.001059533	0	0	0	0	0	0	0	3.08098E-09	3.08098E-09	0.003080978
579225.014141436.4:	579225.01	4141436	0.001256328	0.001256328	0	0	0	0	0	0	0	3.65323E-09	3.65323E-09	0.003653231
579245.014141436.4:	579245.01	4141436	0.001516345	0.001516345	0	0	0	0	0	0	0	4.40933E-09	4.40933E-09	0.004409326
579265.014141436.4:	579265.01	4141436	0.001848089	0.001848089	0	0	0	0	0	0	0	5.37399E-09	5.37399E-09	0.005373992
579285.014141436.4:	579285.01	4141436	0.001717242	0.001717242	0	0	0	0	0	0	0	4.99351E-09	4.99351E-09	0.004993508
579305.014141436.4:	579305.01	4141436	0.00110628	0.00110628	0	0	0	0	0	0	0	3.21691E-09	3.21691E-09	0.003216913
579325.014141436.4:	579325.01	4141436	0.001340889	0.001340889	0	0	0	0	0	0	0	3.89912E-09	3.89912E-09	0.003899123
578385.014141456.4:	578385.01	4141456	9.98485E-06	9.98485E-06	0	0	0	0	0	0	0	2.90346E-11	2.90346E-11	2.90346E-05
578405.014141456.4:	578405.01	4141456	1.05097E-05	1.05097E-05	0	0	0	0	0	0	0	3.05608E-11	3.05608E-11	3.05608E-05
578425.014141456.4:	578425.01	4141456	1.1119E-05	1.1119E-05	0	0	0	0	0	0	0	3.23326E-11	3.23326E-11	3.23326E-05
578445.014141456.4:	578445.01	4141456	1.18633E-05	1.18633E-05	0	0	0	0	0	0	0	3.4497E-11	3.4497E-11	3.4497E-05
578465.014141456.4:	578465.01	4141456	1.26783E-05	1.26783E-05	0	0	0	0	0	0	0	3.68667E-11	3.68667E-11	3.68667E-05
578485.014141456.4:	578485.01	4141456	1.36252E-05	1.36252E-05	0	0	0	0	0	0	0	3.96202E-11	3.96202E-11	3.96202E-05
578505.014141456.4:	578505.01	4141456	1.44355E-05	1.44355E-05	0	0	0	0	0	0	0	4.19765E-11	4.19765E-11	4.19765E-05
578525.014141456.4:	578525.01	4141456	1.574E-05	1.574E-05	0	0	0	0	0	0	0	4.57699E-11	4.57699E-11	4.57699E-05
578545.014141456.4:	578545.01	4141456	1.67698E-05	1.67698E-05	0	0	0	0	0	0	0	4.87644E-11	4.87644E-11	4.87644E-05
578565.014141456.4:	578565.01	4141456	1.82493E-05	1.82493E-05	0	0	0	0	0	0	0	5.30665E-11	5.30665E-11	5.30665E-05
578585.014141456.4:	578585.01	4141456	1.99743E-05	1.99743E-05	0	0	0	0	0	0	0	5.80826E-11	5.80826E-11	5.80826E-05
578605.014141456.4:	578605.01	4141456	2.18482E-05	2.18482E-05	0	0	0	0	0	0	0	6.35316E-11	6.35316E-11	6.35316E-05
578625.014141456.4:	578625.01	4141456	2.41196E-05	2.41196E-05	0	0	0	0	0	0	0	7.01364E-11	7.01364E-11	7.01364E-05
578645.014141456.4:	578645.01	4141456	2.69511E-05	2.69511E-05	0	0	0	0	0	0	0	7.83702E-11	7.83702E-11	7.83702E-05
579045.014141456.4:	579045.01	4141456	0.000501641	0.000501641	0	0	0	0	0	0	0	1.4587E-09	1.4587E-09	0.001458705
579065.014141456.4:	579065.01	4141456	0.000549003	0.000549003	0	0	0	0	0	0	0	1.59643E-09	1.59643E-09	0.001596425

579085.014141456.4	579085.01	4141456	0.000605307	0.000605307	0	0	0	0	0	0	0	1.76015E-09	1.76015E-09	0.00176015
579105.014141456.4	579105.01	4141456	0.00067352	0.00067352	0	0	0	0	0	0	0	1.95851E-09	1.95851E-09	0.001958505
579125.014141456.4	579125.01	4141456	0.000757529	0.000757529	0	0	0	0	0	0	0	2.20279E-09	2.20279E-09	0.002202791
579145.014141456.4	579145.01	4141456	0.000861876	0.000861876	0	0	0	0	0	0	0	2.50622E-09	2.50622E-09	0.002506217
579165.014141456.4	579165.01	4141456	0.000991385	0.000991385	0	0	0	0	0	0	0	2.88281E-09	2.88281E-09	0.002882815
579185.014141456.4	579185.01	4141456	0.00116258	0.00116258	0	0	0	0	0	0	0	3.38062E-09	3.38062E-09	0.003380624
579205.014141456.4	579205.01	4141456	0.001394283	0.001394283	0	0	0	0	0	0	0	4.05439E-09	4.05439E-09	0.004054387
579225.014141456.4	579225.01	4141456	0.001719928	0.001719928	0	0	0	0	0	0	0	5.00132E-09	5.00132E-09	0.005001318
579245.014141456.4	579245.01	4141456	0.00149171 8	0.00149171 8	0	0	0	0	0	0	0	4.33771E-09	4.33771E-09	0.004337713
579265.014141456.4	579265.01	4141456	0.00182393	0.00182393	0	0	0	0	0	0	0	5.30374E-09	5.30374E-09	0.00530374
578385.014141476.4	578385.01	4141476	1.01982E-05	1.01982E-05	0	0	0	0	0	0	0	2.96549E-11	2.96549E-11	2.96549E-05
578405.014141476.4	578405.01	4141476	1.07706E-05	1.07706E-05	0	0	0	0	0	0	0	3.13195E-11	3.13195E-11	3.13195E-05
578425.014141476.4	578425.01	4141476	1.13814E-05	1.13814E-05	0	0	0	0	0	0	0	3.30957E-11	3.30957E-11	3.30957E-05
578445.014141476.4	578445.01	4141476	1.20475E-05	1.20475E-05	0	0	0	0	0	0	0	3.50325E-11	3.50325E-11	3.50325E-05
578465.014141476.4	578465.01	4141476	1.2867E-05	1.2867E-05	0	0	0	0	0	0	0	3.74156E-11	3.74156E-11	3.74156E-05
578485.014141476.4	578485.01	4141476	1.3903E-05	1.3903E-05	0	0	0	0	0	0	0	4.0428E-11	4.0428E-11	4.0428E-05
578505.014141476.4	578505.01	4141476	1.48269E-05	1.48269E-05	0	0	0	0	0	0	0	4.31145E-11	4.31145E-11	4.31145E-05
578525.014141476.4	578525.01	4141476	1.62772E-05	1.62772E-05	0	0	0	0	0	0	0	4.73318E-11	4.73318E-11	4.73318E-05
578545.014141476.4	578545.01	4141476	1.71811E-05	1.71811E-05	0	0	0	0	0	0	0	4.99604E-11	4.99604E-11	4.99604E-05
578565.014141476.4	578565.01	4141476	1.86928E-05	1.86928E-05	0	0	0	0	0	0	0	5.43562E-11	5.43562E-11	5.43562E-05
578585.014141476.4	578585.01	4141476	2.04547E-05	2.04547E-05	0	0	0	0	0	0	0	5.94794E-11	5.94794E-11	5.94794E-05
578605.014141476.4	578605.01	4141476	2.25434E-05	2.25434E-05	0	0	0	0	0	0	0	6.55532E-11	6.55532E-11	6.55532E-05
578625.014141476.4	578625.01	4141476	2.50097E-05	2.50097E-05	0	0	0	0	0	0	0	7.27248E-11	7.27248E-11	7.27248E-05
578645.014141476.4	578645.01	4141476	2.80761E-05	2.80761E-05	0	0	0	0	0	0	0	8.16414E-11	8.16414E-11	8.16414E-05
579065.014141476.4	579065.01	4141476	0.000647356	0.000647356	0	0	0	0	0	0	0	1.88242E-09	1.88242E-09	0.001882424
579085.014141476.4	579085.01	4141476	0.000725674	0.000725674	0	0	0	0	0	0	0	2.11016E-09	2.11016E-09	0.002110162
579105.014141476.4	579105.01	4141476	0.000818554	0.000818554	0	0	0	0	0	0	0	2.38024E-09	2.38024E-09	0.002380243
579125.014141476.4	579125.01	4141476	0.000933846	0.000933846	0	0	0	0	0	0	0	2.7155E-09	2.7155E-09	0.002715497
579145.014141476.4	579145.01	4141476	0.001085072	0.001085072	0	0	0	0	0	0	0	3.15524E-09	3.15524E-09	0.003155243
579165.014141476.4	579165.01	4141476	0.001288902	0.001288902	0	0	0	0	0	0	0	3.74795E-09	3.74795E-09	0.003747953
579185.014141476.4	579185.01	4141476	0.001553801	0.001553801	0	0	0	0	0	0	0	4.51824E-09	4.51824E-09	0.004518244
579205.014141476.4	579205.01	4141476	0.001939421	0.001939421	0	0	0	0	0	0	0	5.63957E-09	5.63957E-09	0.005639575
579225.014141476.4	579225.01	4141476	0.001571319	0.001571319	0	0	0	0	0	0	0	4.56918E-09	4.56918E-09	0.004569182
578385.014141496.4	578385.01	4141496	1.03992E-05	1.03992E-05	0	0	0	0	0	0	0	3.02395E-11	3.02395E-11	3.02395E-05
578405.014141496.4	578405.01	4141496	1.10146E-05	1.10146E-05	0	0	0	0	0	0	0	3.20291E-11	3.20291E-11	3.20291E-05
578425.014141496.4	578425.01	4141496	1.16439E-05	1.16439E-05	0	0	0	0	0	0	0	3.38588E-11	3.38588E-11	3.38588E-05
578445.014141496.4	578445.01	4141496	1.23207E-05	1.23207E-05	0	0	0	0	0	0	0	3.58269E-11	3.58269E-11	3.58269E-05
578465.014141496.4	578465.01	4141496	1.31571E-05	1.31571E-05	0	0	0	0	0	0	0	3.82591E-11	3.82591E-11	3.82591E-05
578485.014141496.4	578485.01	4141496	1.41716E-05	1.41716E-05	0	0	0	0	0	0	0	4.12089E-11	4.12089E-11	4.12089E-05
578505.014141496.4	578505.01	4141496	1.51354E-05	1.51354E-05	0	0	0	0	0	0	0	4.40116E-11	4.40116E-11	4.40116E-05
578525.014141496.4	578525.01	4141496	1.66655E-05	1.66655E-05	0	0	0	0	0	0	0	4.84609E-11	4.84609E-11	4.84609E-05
578545.014141496.4	578545.01	4141496	1.76385E-05	1.76385E-05	0	0	0	0	0	0	0	5.12903E-11	5.12903E-11	5.12903E-05
578565.014141496.4	578565.01	4141496	1.91271E-05	1.91271E-05	0	0	0	0	0	0	0	5.56191E-11	5.56191E-11	5.56191E-05
578585.014141496.4	578585.01	4141496	2.09504E-05	2.09504E-05	0	0	0	0	0	0	0	6.09209E-11	6.09209E-11	6.09209E-05
578605.014141496.4	578605.01	4141496	2.30698E-05	2.30698E-05	0	0	0	0	0	0	0	6.70839E-11	6.70839E-11	6.70839E-05
578625.014141496.4	578625.01	4141496	2.56282E-05	2.56282E-05	0	0	0	0	0	0	0	7.45233E-11	7.45233E-11	7.45233E-05
578645.014141496.4	578645.01	4141496	2.90138E-05	2.90138E-05	0	0	0	0	0	0	0	8.43681E-11	8.43681E-11	8.43681E-05
579085.014141496.4	579085.01	4141496	0.000893999	0.000893999	0	0	0	0	0	0	0	2.59963E-09	2.59963E-09	0.002599627
579105.014141496.4	579105.01	4141496	0.001030708	0.001030708	0	0	0	0	0	0	0	2.99716E-09	2.99716E-09	0.002997159
579125.014141496.4	579125.01	4141496	0.001199187	0.001199187	0	0	0	0	0	0	0	3.48707E-09	3.48707E-09	0.003487074
579145.014141496.4	579145.01	4141496	0.001429617	0.001429617	0	0	0	0	0	0	0	4.15713E-09	4.15713E-09	0.004157132
579165.014141496.4	579165.01	4141496	0.001762698	0.001762698	0	0	0	0	0	0	0	5.12569E-09	5.12569E-09	0.005125685
579185.014141496.4	579185.01	4141496	0.001908452	0.001908452	0	0	0	0	0	0	0	5.54952E-09	5.54952E-09	0.005549521
579205.014141496.4	579205.01	4141496	0.001355265	0.001355265	0	0	0	0	0	0	0	3.94093E-09	3.94093E-09	0.003940926
578385.014141516.4	578385.01	4141516	1.04545E-05	1.04545E-05	0	0	0	0	0	0	0	3.04002E-11	3.04002E-11	3.04002E-05
578405.014141516.4	578405.01	4141516	1.11466E-05	1.11466E-05	0	0	0	0	0	0	0	3.24129E-11	3.24129E-11	3.24129E-05
578425.014141516.4	578425.01	4141516	1.19078E-05	1.19078E-05	0	0	0	0	0	0	0	3.46264E-11	3.46264E-11	3.46264E-05
578445.014141516.4	578445.01	4141516	1.25708E-05	1.25708E-05	0	0	0	0	0	0	0	3.65543E-11	3.65543E-11	3.65543E-05
578465.014141516.4	578465.01	4141516	1.34119E-05	1.34119E-05	0	0	0	0	0	0	0	3.89999E-11	3.89999E-11	3.89999E-05
578485.014141516.4	578485.01	4141516	1.4477E-05	1.4477E-05	0	0	0	0	0	0	0	4.2097E-11	4.2097E-11	4.2097E-05
578505.014141516.4	578505.01	4141516	1.54469E-05	1.54469E-05	0	0	0	0	0	0	0	4.49175E-11	4.49175E-11	4.49175E-05
578525.014141516.4	578525.01	4141516	1.70046E-05	1.70046E-05	0	0	0	0	0	0	0	4.94472E-11	4.94472E-11	4.94472E-05
578545.014141516.4	578545.01	4141516	1.80559E-05	1.80559E-05	0	0	0	0	0	0	0	5.25041E-11	5.25041E-11	5.25041E-05
578565.014141516.4	578565.01	4141516	1.9718E-05	1.9718E-05	0	0	0	0	0	0	0	5.73373E-11	5.73373E-11	5.73373E-05
578585.014141516.4	578585.01	4141516	2.15305E-05	2.15305E-05	0	0	0	0	0	0	0	6.26078E-11	6.26078E-11	6.26078E-05
578605.014141516.4	578605.01	4141516	2.37113E-05	2.37113E-05	0	0	0	0	0	0	0	6.89493E-11	6.89493E-11	6.89493E-05

578625.014141516.4	578625.01	4141516	2.64723E-05	2.64723E-05	0	0	0	0	0	0	0	7.69778E-11	7.69778E-11	7.69778E-05
578645.014141516.4	578645.01	4141516	2.9976E-05	2.9976E-05	0	0	0	0	0	0	0	8.71663E-11	8.71663E-11	8.71663E-05
579085.014141516.4	579085.01	4141516	0.001140076	0.001140076	0	0	0	0	0	0	0	3.31519E-09	3.31519E-09	0.003315187
579105.014141516.4	579105.01	4141516	0.001356581	0.001356581	0	0	0	0	0	0	0	3.94475E-09	3.94475E-09	0.003944755
579125.014141516.4	579125.01	4141516	0.001629727	0.001629727	0	0	0	0	0	0	0	4.73902E-09	4.73902E-09	0.004739025
579145.014141516.4	579145.01	4141516	0.00201023	0.00201023	0	0	0	0	0	0	0	5.84548E-09	5.84548E-09	0.005845476
579165.014141516.4	579165.01	4141516	0.001124832	0.001124832	0	0	0	0	0	0	0	3.27086E-09	3.27086E-09	0.003270859
578385.014141536.4	578385.01	4141536	1.05788E-05	1.05788E-05	0	0	0	0	0	0	0	3.07617E-11	3.07617E-11	3.07617E-05
578405.014141536.4	578405.01	4141536	1.12218E-05	1.12218E-05	0	0	0	0	0	0	0	3.26316E-11	3.26316E-11	3.26316E-05
578425.014141536.4	578425.01	4141536	1.19524E-05	1.19524E-05	0	0	0	0	0	0	0	3.47558E-11	3.47558E-11	3.47558E-05
578445.014141536.4	578445.01	4141536	1.28379E-05	1.28379E-05	0	0	0	0	0	0	0	3.73308E-11	3.73308E-11	3.73308E-05
578465.014141536.4	578465.01	4141536	1.37035E-05	1.37035E-05	0	0	0	0	0	0	0	3.98478E-11	3.98478E-11	3.98478E-05
578485.014141536.4	578485.01	4141536	1.47302E-05	1.47302E-05	0	0	0	0	0	0	0	4.28334E-11	4.28334E-11	4.28334E-05
578505.014141536.4	578505.01	4141536	1.57523E-05	1.57523E-05	0	0	0	0	0	0	0	4.58056E-11	4.58056E-11	4.58056E-05
578525.014141536.4	578525.01	4141536	1.73438E-05	1.73438E-05	0	0	0	0	0	0	0	5.04334E-11	5.04334E-11	5.04334E-05
578545.014141536.4	578545.01	4141536	1.84519E-05	1.84519E-05	0	0	0	0	0	0	0	5.36555E-11	5.36555E-11	5.36555E-05
578565.014141536.4	578565.01	4141536	2.02367E-05	2.02367E-05	0	0	0	0	0	0	0	5.88457E-11	5.88457E-11	5.88457E-05
578585.014141536.4	578585.01	4141536	2.22042E-05	2.22042E-05	0	0	0	0	0	0	0	6.45669E-11	6.45669E-11	6.45669E-05
578605.014141536.4	578605.01	4141536	2.44603E-05	2.44603E-05	0	0	0	0	0	0	0	7.11272E-11	7.11272E-11	7.11272E-05
578625.014141536.4	578625.01	4141536	2.73517E-05	2.73517E-05	0	0	0	0	0	0	0	7.9535E-11	7.9535E-11	7.9535E-05
578645.014141536.4	578645.01	4141536	3.08539E-05	3.08539E-05	0	0	0	0	0	0	0	8.97189E-11	8.97189E-11	8.97189E-05
578665.014141536.4	578665.01	4141536	3.52908E-05	3.52908E-05	0	0	0	0	0	0	0	1.02621E-10	1.02621E-10	0.000102621
579105.014141536.4	579105.01	4141536	0.001886804	0.001886804	0	0	0	0	0	0	0	5.48657E-09	5.48657E-09	0.005486569
579125.014141536.4	579125.01	4141536	0.001772738	0.001772738	0	0	0	0	0	0	0	5.15488E-09	5.15488E-09	0.005154881
579185.014141536.4	579185.01	4141536	0.000783223	0.000783223	0	0	0	0	0	0	0	2.27751E-09	2.27751E-09	0.002277506
578385.014141556.4	578385.01	4141556	1.06985E-05	1.06985E-05	0	0	0	0	0	0	0	3.11098E-11	3.11098E-11	3.11098E-05
578405.014141556.4	578405.01	4141556	1.13308E-05	1.13308E-05	0	0	0	0	0	0	0	3.29484E-11	3.29484E-11	3.29484E-05
578425.014141556.4	578425.01	4141556	1.20352E-05	1.20352E-05	0	0	0	0	0	0	0	3.49968E-11	3.49968E-11	3.49968E-05
578445.014141556.4	578445.01	4141556	1.28778E-05	1.28778E-05	0	0	0	0	0	0	0	3.74469E-11	3.74469E-11	3.74469E-05
578465.014141556.4	578465.01	4141556	1.38615E-05	1.38615E-05	0	0	0	0	0	0	0	4.03075E-11	4.03075E-11	4.03075E-05
578485.014141556.4	578485.01	4141556	1.48821E-05	1.48821E-05	0	0	0	0	0	0	0	4.32752E-11	4.32752E-11	4.32752E-05
578505.014141556.4	578505.01	4141556	1.59887E-05	1.59887E-05	0	0	0	0	0	0	0	4.64928E-11	4.64928E-11	4.64928E-05
578525.014141556.4	578525.01	4141556	1.75326E-05	1.75326E-05	0	0	0	0	0	0	0	5.09824E-11	5.09824E-11	5.09824E-05
578545.014141556.4	578545.01	4141556	1.87112E-05	1.87112E-05	0	0	0	0	0	0	0	5.44097E-11	5.44097E-11	5.44097E-05
578565.014141556.4	578565.01	4141556	2.05161E-05	2.05161E-05	0	0	0	0	0	0	0	5.96579E-11	5.96579E-11	5.96579E-05
578585.014141556.4	578585.01	4141556	2.26094E-05	2.26094E-05	0	0	0	0	0	0	0	6.57451E-11	6.57451E-11	6.57451E-05
578605.014141556.4	578605.01	4141556	2.51033E-05	2.51033E-05	0	0	0	0	0	0	0	7.29971E-11	7.29971E-11	7.29971E-05
578625.014141556.4	578625.01	4141556	2.80592E-05	2.80592E-05	0	0	0	0	0	0	0	8.15923E-11	8.15923E-11	8.15923E-05
578645.014141556.4	578645.01	4141556	3.16949E-05	3.16949E-05	0	0	0	0	0	0	0	9.21645E-11	9.21645E-11	9.21645E-05
578665.014141556.4	578665.01	4141556	3.62592E-05	3.62592E-05	0	0	0	0	0	0	0	1.05437E-10	1.05437E-10	0.000105437
578685.014141556.4	578685.01	4141556	4.21862E-05	4.21862E-05	0	0	0	0	0	0	0	1.22672E-10	1.22672E-10	0.000122672
579165.014141556.4	579165.01	4141556	0.000710095	0.000710095	0	0	0	0	0	0	0	2.06486E-09	2.06486E-09	0.002064861
579185.014141556.4	579185.01	4141556	0.000788987	0.000788987	0	0	0	0	0	0	0	2.29427E-09	2.29427E-09	0.002294268
579205.014141556.4	579205.01	4141556	0.00073726	0.00073726	0	0	0	0	0	0	0	2.14385E-09	2.14385E-09	0.002143852
578385.014141576.4	578385.01	4141576	1.09026E-05	1.09026E-05	0	0	0	0	0	0	0	3.17033E-11	3.17033E-11	3.17033E-05
578405.014141576.4	578405.01	4141576	1.1472E-05	1.1472E-05	0	0	0	0	0	0	0	3.3359E-11	3.3359E-11	3.3359E-05
578425.014141576.4	578425.01	4141576	1.21703E-05	1.21703E-05	0	0	0	0	0	0	0	3.53895E-11	3.53895E-11	3.53895E-05
578445.014141576.4	578445.01	4141576	1.29975E-05	1.29975E-05	0	0	0	0	0	0	0	3.7795E-11	3.7795E-11	3.7795E-05
578465.014141576.4	578465.01	4141576	1.38692E-05	1.38692E-05	0	0	0	0	0	0	0	4.03298E-11	4.03298E-11	4.03298E-05
578485.014141576.4	578485.01	4141576	1.49082E-05	1.49082E-05	0	0	0	0	0	0	0	4.33511E-11	4.33511E-11	4.33511E-05
578505.014141576.4	578505.01	4141576	1.61728E-05	1.61728E-05	0	0	0	0	0	0	0	4.70284E-11	4.70284E-11	4.70284E-05
578525.014141576.4	578525.01	4141576	1.77321E-05	1.77321E-05	0	0	0	0	0	0	0	5.15625E-11	5.15625E-11	5.15625E-05
578545.014141576.4	578545.01	4141576	1.91057E-05	1.91057E-05	0	0	0	0	0	0	0	5.55567E-11	5.55567E-11	5.55567E-05
578565.014141576.4	578565.01	4141576	2.08921E-05	2.08921E-05	0	0	0	0	0	0	0	6.07513E-11	6.07513E-11	6.07513E-05
578585.014141576.4	578585.01	4141576	2.29962E-05	2.29962E-05	0	0	0	0	0	0	0	6.68697E-11	6.68697E-11	6.68697E-05
578605.014141576.4	578605.01	4141576	2.55223E-05	2.55223E-05	0	0	0	0	0	0	0	7.42154E-11	7.42154E-11	7.42154E-05
578625.014141576.4	578625.01	4141576	2.86362E-05	2.86362E-05	0	0	0	0	0	0	0	8.32703E-11	8.32703E-11	8.32703E-05
578645.014141576.4	578645.01	4141576	3.25804E-05	3.25804E-05	0	0	0	0	0	0	0	9.47395E-11	9.47395E-11	9.47395E-05
578665.014141576.4	578665.01	4141576	3.73749E-05	3.73749E-05	0	0	0	0	0	0	0	1.08681E-10	1.08681E-10	0.000108681
578685.014141576.4	578685.01	4141576	4.3546E-05	4.3546E-05	0	0	0	0	0	0	0	1.26626E-10	1.26626E-10	0.000126626
578705.014141576.4	578705.01	4141576	5.19194E-05	5.19194E-05	0	0	0	0	0	0	0	1.50975E-10	1.50975E-10	0.000150975
579145.014141576.4	579145.01	4141576	0.000862204	0.000862204	0	0	0	0	0	0	0	2.50717E-09	2.50717E-09	0.002507172
579165.014141576.4	579165.01	4141576	0.000809123	0.000809123	0	0	0	0	0	0	0	2.35282E-09	2.35282E-09	0.002352819
579185.014141576.4	579185.01	4141576	0.000627403	0.000627403	0	0	0	0	0	0	0	1.8244E-09	1.8244E-09	0.001824404
579205.014141576.4	579205.01	4141576	0.000510315	0.000510315	0	0	0	0	0	0	0	1.48393E-09	1.48393E-09	0.001483928
579225.014141576.4	579225.01	4141576	0.000434955	0.000434955	0	0	0	0	0	0	0	1.26479E-09	1.26479E-09	0.00126479

579245.014141576.4:	579245.01	4141576	0.000386332	0.000386332	0	0	0	0	0	0	0	1.1234E-09	1.1234E-09	0.001123401
579265.014141576.4:	579265.01	4141576	0.000366128	0.000366128	0	0	0	0	0	0	0	1.06465E-09	1.06465E-09	0.001064649
578385.014141596.4:	578385.01	4141596	1.10239E-05	1.10239E-05	0	0	0	0	0	0	0	3.20559E-11	3.20559E-11	3.20559E-05
578405.014141596.4:	578405.01	4141596	1.16915E-05	1.16915E-05	0	0	0	0	0	0	0	3.39972E-11	3.39972E-11	3.39972E-05
578425.014141596.4:	578425.01	4141596	1.23744E-05	1.23744E-05	0	0	0	0	0	0	0	3.59831E-11	3.59831E-11	3.59831E-05
578445.014141596.4:	578445.01	4141596	1.31955E-05	1.31955E-05	0	0	0	0	0	0	0	3.83706E-11	3.83706E-11	3.83706E-05
578465.014141596.4:	578465.01	4141596	1.40871E-05	1.40871E-05	0	0	0	0	0	0	0	4.09635E-11	4.09635E-11	4.09635E-05
578485.014141596.4:	578485.01	4141596	1.51016E-05	1.51016E-05	0	0	0	0	0	0	0	4.39134E-11	4.39134E-11	4.39134E-05
578505.014141596.4:	578505.01	4141596	1.64307E-05	1.64307E-05	0	0	0	0	0	0	0	4.77781E-11	4.77781E-11	4.77781E-05
578525.014141596.4:	578525.01	4141596	1.79224E-05	1.79224E-05	0	0	0	0	0	0	0	5.21159E-11	5.21159E-11	5.21159E-05
578545.014141596.4:	578545.01	4141596	1.93957E-05	1.93957E-05	0	0	0	0	0	0	0	5.64001E-11	5.64001E-11	5.64001E-05
578565.014141596.4:	578565.01	4141596	2.13187E-05	2.13187E-05	0	0	0	0	0	0	0	6.19919E-11	6.19919E-11	6.19919E-05
578585.014141596.4:	578585.01	4141596	2.34934E-05	2.34934E-05	0	0	0	0	0	0	0	6.83156E-11	6.83156E-11	6.83156E-05
578605.014141596.4:	578605.01	4141596	2.60318E-05	2.60318E-05	0	0	0	0	0	0	0	7.5697E-11	7.5697E-11	7.5697E-05
578625.014141596.4:	578625.01	4141596	2.92071E-05	2.92071E-05	0	0	0	0	0	0	0	8.49304E-11	8.49304E-11	8.49304E-05
578645.014141596.4:	578645.01	4141596	3.32404E-05	3.32404E-05	0	0	0	0	0	0	0	9.66585E-11	9.66585E-11	9.66585E-05
578665.014141596.4:	578665.01	4141596	3.84093E-05	3.84093E-05	0	0	0	0	0	0	0	1.11689E-10	1.11689E-10	0.000111689
578685.014141596.4:	578685.01	4141596	4.51191E-05	4.51191E-05	0	0	0	0	0	0	0	1.312E-10	1.312E-10	0.0001312
578705.014141596.4:	578705.01	4141596	5.38992E-05	5.38992E-05	0	0	0	0	0	0	0	1.56731E-10	1.56731E-10	0.000156731
578725.014141596.4:	578725.01	4141596	6.68936E-05	6.68936E-05	0	0	0	0	0	0	0	1.94517E-10	1.94517E-10	0.000194517
578745.014141596.4:	578745.01	4141596	8.71641E-05	8.71641E-05	0	0	0	0	0	0	0	2.53461E-10	2.53461E-10	0.000253461
579105.014141596.4:	579105.01	4141596	0.000918651	0.000918651	0	0	0	0	0	0	0	2.67131E-09	2.67131E-09	0.002671312
579145.014141596.4:	579145.01	4141596	0.0006753	0.0006753	0	0	0	0	0	0	0	1.96368E-09	1.96368E-09	0.001963682
579165.014141596.4:	579165.01	4141596	0.000538702	0.000538702	0	0	0	0	0	0	0	1.56647E-09	1.56647E-09	0.001566471
579185.014141596.4:	579185.01	4141596	0.000447765	0.000447765	0	0	0	0	0	0	0	1.30204E-09	1.30204E-09	0.00130204
579205.014141596.4:	579205.01	4141596	0.000386298	0.000386298	0	0	0	0	0	0	0	1.1233E-09	1.1233E-09	0.001123303
579225.014141596.4:	579225.01	4141596	0.000345283	0.000345283	0	0	0	0	0	0	0	1.00404E-09	1.00404E-09	0.001004036
579245.014141596.4:	579245.01	4141596	0.000321022	0.000321022	0	0	0	0	0	0	0	9.33489E-10	9.33489E-10	0.000933489
579265.014141596.4:	579265.01	4141596	0.000314804	0.000314804	0	0	0	0	0	0	0	9.15406E-10	9.15406E-10	0.000915406
579285.014141596.4:	579285.01	4141596	0.00031634	0.00031634	0	0	0	0	0	0	0	9.19874E-10	9.19874E-10	0.000919874
579305.014141596.4:	579305.01	4141596	0.0003485	0.0003485	0	0	0	0	0	0	0	1.01339E-09	1.01339E-09	0.00101339
579325.014141596.4:	579325.01	4141596	0.000409035	0.000409035	0	0	0	0	0	0	0	1.18942E-09	1.18942E-09	0.001189419
579345.014141596.4:	579345.01	4141596	0.00053761	0.00053761	0	0	0	0	0	0	0	1.5633E-09	1.5633E-09	0.001563298
578385.014141616.4:	578385.01	4141616	1.10714E-05	1.10714E-05	0	0	0	0	0	0	0	3.21942E-11	3.21942E-11	3.21942E-05
578405.014141616.4:	578405.01	4141616	1.17897E-05	1.17897E-05	0	0	0	0	0	0	0	3.42828E-11	3.42828E-11	3.42828E-05
578425.014141616.4:	578425.01	4141616	1.25463E-05	1.25463E-05	0	0	0	0	0	0	0	3.64829E-11	3.64829E-11	3.64829E-05
578445.014141616.4:	578445.01	4141616	1.33766E-05	1.33766E-05	0	0	0	0	0	0	0	3.88972E-11	3.88972E-11	3.88972E-05
578465.014141616.4:	578465.01	4141616	1.42897E-05	1.42897E-05	0	0	0	0	0	0	0	4.15526E-11	4.15526E-11	4.15526E-05
578485.014141616.4:	578485.01	4141616	1.53471E-05	1.53471E-05	0	0	0	0	0	0	0	4.46274E-11	4.46274E-11	4.46274E-05
578505.014141616.4:	578505.01	4141616	1.66056E-05	1.66056E-05	0	0	0	0	0	0	0	4.82869E-11	4.82869E-11	4.82869E-05
578525.014141616.4:	578525.01	4141616	1.81756E-05	1.81756E-05	0	0	0	0	0	0	0	5.28522E-11	5.28522E-11	5.28522E-05
578545.014141616.4:	578545.01	4141616	1.96781E-05	1.96781E-05	0	0	0	0	0	0	0	5.72213E-11	5.72213E-11	5.72213E-05
578565.014141616.4:	578565.01	4141616	2.16333E-05	2.16333E-05	0	0	0	0	0	0	0	6.29068E-11	6.29068E-11	6.29068E-05
578585.014141616.4:	578585.01	4141616	2.38817E-05	2.38817E-05	0	0	0	0	0	0	0	6.94447E-11	6.94447E-11	6.94447E-05
578605.014141616.4:	578605.01	4141616	2.65889E-05	2.65889E-05	0	0	0	0	0	0	0	7.7317E-11	7.7317E-11	7.7317E-05
578625.014141616.4:	578625.01	4141616	2.99131E-05	2.99131E-05	0	0	0	0	0	0	0	8.69833E-11	8.69833E-11	8.69833E-05
578645.014141616.4:	578645.01	4141616	3.39878E-05	3.39878E-05	0	0	0	0	0	0	0	9.88319E-11	9.88319E-11	9.88319E-05
578665.014141616.4:	578665.01	4141616	3.93301E-05	3.93301E-05	0	0	0	0	0	0	0	1.14367E-10	1.14367E-10	0.000114367
578685.014141616.4:	578685.01	4141616	4.65371E-05	4.65371E-05	0	0	0	0	0	0	0	1.35324E-10	1.35324E-10	0.000135324
578705.014141616.4:	578705.01	4141616	5.6413E-05	5.6413E-05	0	0	0	0	0	0	0	1.64041E-10	1.64041E-10	0.000164041
578725.014141616.4:	578725.01	4141616	7.01932E-05	7.01932E-05	0	0	0	0	0	0	0	2.04112E-10	2.04112E-10	0.000204112
578745.014141616.4:	578745.01	4141616	9.10577E-05	9.10577E-05	0	0	0	0	0	0	0	2.64783E-10	2.64783E-10	0.000264783
579065.014141616.4:	579065.01	4141616	0.000704996	0.000704996	0	0	0	0	0	0	0	2.05003E-09	2.05003E-09	0.002050031
579085.014141616.4:	579085.01	4141616	0.000766691	0.000766691	0	0	0	0	0	0	0	2.22943E-09	2.22943E-09	0.002229434
579105.014141616.4:	579105.01	4141616	0.000728842	0.000728842	0	0	0	0	0	0	0	2.11937E-09	2.11937E-09	0.002119373
579125.014141616.4:	579125.01	4141616	0.00057573	0.00057573	0	0	0	0	0	0	0	1.67414E-09	1.67414E-09	0.001674144
579165.014141616.4:	579165.01	4141616	0.000397227	0.000397227	0	0	0	0	0	0	0	1.15508E-09	1.15508E-09	0.001155082
579185.014141616.4:	579185.01	4141616	0.000346991	0.000346991	0	0	0	0	0	0	0	1.009E-09	1.009E-09	0.001009003
579205.014141616.4:	579205.01	4141616	0.000310947	0.000310947	0	0	0	0	0	0	0	9.04191E-10	9.04191E-10	0.000904191
579225.014141616.4:	579225.01	4141616	0.000286784	0.000286784	0	0	0	0	0	0	0	8.3393E-10	8.3393E-10	0.00083393
579245.014141616.4:	579245.01	4141616	0.000274694	0.000274694	0	0	0	0	0	0	0	7.98773E-10	7.98773E-10	0.000798773
579265.014141616.4:	579265.01	4141616	0.000274783	0.000274783	0	0	0	0	0	0	0	7.99031E-10	7.99031E-10	0.000799031
579285.014141616.4:	579285.01	4141616	0.000279886	0.000279886	0	0	0	0	0	0	0	8.1387E-10	8.1387E-10	0.00081387
579305.014141616.4:	579305.01	4141616	0.000309856	0.000309856	0	0	0	0	0	0	0	9.01018E-10	9.01018E-10	0.000901018
579325.014141616.4:	579325.01	4141616	0.000365593	0.000365593	0	0	0	0	0	0	0	1.0631E-09	1.0631E-09	0.001063096
579345.014141616.4:	579345.01	4141616	0.000476705	0.000476705	0	0	0	0	0	0	0	1.38619E-09	1.38619E-09	0.001386194

578385.014141636.4:	578385.01	4141636	1.11374E-05	1.11374E-05	0	0	0	0	0	0	0	3.23861E-11	3.23861E-11	3.23861E-05
578405.014141636.4:	578405.01	4141636	1.18618E-05	1.18618E-05	0	0	0	0	0	0	0	3.44925E-11	3.44925E-11	3.44925E-05
578425.014141636.4:	578425.01	4141636	1.26276E-05	1.26276E-05	0	0	0	0	0	0	0	3.67194E-11	3.67194E-11	3.67194E-05
578445.014141636.4:	578445.01	4141636	1.35055E-05	1.35055E-05	0	0	0	0	0	0	0	3.92721E-11	3.92721E-11	3.92721E-05
578465.014141636.4:	578465.01	4141636	1.44877E-05	1.44877E-05	0	0	0	0	0	0	0	4.21283E-11	4.21283E-11	4.21283E-05
578485.014141636.4:	578485.01	4141636	1.5519E-05	1.5519E-05	0	0	0	0	0	0	0	4.51272E-11	4.51272E-11	4.51272E-05
578505.014141636.4:	578505.01	4141636	1.67867E-05	1.67867E-05	0	0	0	0	0	0	0	4.88135E-11	4.88135E-11	4.88135E-05
578525.014141636.4:	578525.01	4141636	1.82754E-05	1.82754E-05	0	0	0	0	0	0	0	5.31423E-11	5.31423E-11	5.31423E-05
578545.014141636.4:	578545.01	4141636	1.99037E-05	1.99037E-05	0	0	0	0	0	0	0	5.78773E-11	5.78773E-11	5.78773E-05
578565.014141636.4:	578565.01	4141636	2.18804E-05	2.18804E-05	0	0	0	0	0	0	0	6.36253E-11	6.36253E-11	6.36253E-05
578585.014141636.4:	578585.01	4141636	2.42807E-05	2.42807E-05	0	0	0	0	0	0	0	7.0605E-11	7.0605E-11	7.0605E-05
578605.014141636.4:	578605.01	4141636	2.71184E-05	2.71184E-05	0	0	0	0	0	0	0	7.88566E-11	7.88566E-11	7.88566E-05
578625.014141636.4:	578625.01	4141636	3.05439E-05	3.05439E-05	0	0	0	0	0	0	0	8.88175E-11	8.88175E-11	8.88175E-05
578645.014141636.4:	578645.01	4141636	3.48979E-05	3.48979E-05	0	0	0	0	0	0	0	1.01478E-10	1.01478E-10	0.000101478
578665.014141636.4:	578665.01	4141636	4.04827E-05	4.04827E-05	0	0	0	0	0	0	0	1.17718E-10	1.17718E-10	0.000117718
578685.014141636.4:	578685.01	4141636	4.81256E-05	4.81256E-05	0	0	0	0	0	0	0	1.39943E-10	1.39943E-10	0.000139943
578705.014141636.4:	578705.01	4141636	5.86598E-05	5.86598E-05	0	0	0	0	0	0	0	1.70575E-10	1.70575E-10	0.000170575
578725.014141636.4:	578725.01	4141636	7.28774E-05	7.28774E-05	0	0	0	0	0	0	0	2.11918E-10	2.11918E-10	0.000211918
579045.014141636.4:	579045.01	4141636	0.000830409	0.000830409	0	0	0	0	0	0	0	2.41472E-09	2.41472E-09	0.002414718
579065.014141636.4:	579065.01	4141636	0.000789314	0.000789314	0	0	0	0	0	0	0	2.29522E-09	2.29522E-09	0.002295219
579085.014141636.4:	579085.01	4141636	0.000610763	0.000610763	0	0	0	0	0	0	0	1.77601E-09	1.77601E-09	0.001776015
579105.014141636.4:	579105.01	4141636	0.000494284	0.000494284	0	0	0	0	0	0	0	1.43731E-09	1.43731E-09	0.00143731
579125.014141636.4:	579125.01	4141636	0.000411583	0.000411583	0	0	0	0	0	0	0	1.19683E-09	1.19683E-09	0.001196827
579165.014141636.4:	579165.01	4141636	0.000312506	0.000312506	0	0	0	0	0	0	0	9.08726E-10	9.08726E-10	0.000908726
579185.014141636.4:	579185.01	4141636	0.000279105	0.000279105	0	0	0	0	0	0	0	8.11599E-10	8.11599E-10	0.000811599
579205.014141636.4:	579205.01	4141636	0.000257451	0.000257451	0	0	0	0	0	0	0	7.48634E-10	7.48634E-10	0.000748634
579225.014141636.4:	579225.01	4141636	0.000244207	0.000244207	0	0	0	0	0	0	0	7.1012E-10	7.1012E-10	0.00071012
579245.014141636.4:	579245.01	4141636	0.000239957	0.000239957	0	0	0	0	0	0	0	6.97763E-10	6.97763E-10	0.000697763
579265.014141636.4:	579265.01	4141636	0.000243042	0.000243042	0	0	0	0	0	0	0	7.06733E-10	7.06733E-10	0.000706733
579285.014141636.4:	579285.01	4141636	0.000254759	0.000254759	0	0	0	0	0	0	0	7.40806E-10	7.40806E-10	0.000740806
579305.014141636.4:	579305.01	4141636	0.000282785	0.000282785	0	0	0	0	0	0	0	8.223E-10	8.223E-10	0.0008223
579325.014141636.4:	579325.01	4141636	0.000330274	0.000330274	0	0	0	0	0	0	0	9.60391E-10	9.60391E-10	0.000960391
579345.014141636.4:	579345.01	4141636	0.000413625	0.000413625	0	0	0	0	0	0	0	1.20277E-09	1.20277E-09	0.001202767
578385.014141656.4:	578385.01	4141656	1.12464E-05	1.12464E-05	0	0	0	0	0	0	0	3.2703E-11	3.2703E-11	3.2703E-05
578405.014141656.4:	578405.01	4141656	1.19447E-05	1.19447E-05	0	0	0	0	0	0	0	3.47335E-11	3.47335E-11	3.47335E-05
578425.014141656.4:	578425.01	4141656	1.26844E-05	1.26844E-05	0	0	0	0	0	0	0	3.68846E-11	3.68846E-11	3.68846E-05
578445.014141656.4:	578445.01	4141656	1.35669E-05	1.35669E-05	0	0	0	0	0	0	0	3.94506E-11	3.94506E-11	3.94506E-05
578465.014141656.4:	578465.01	4141656	1.46151E-05	1.46151E-05	0	0	0	0	0	0	0	4.24987E-11	4.24987E-11	4.24987E-05
578485.014141656.4:	578485.01	4141656	1.57155E-05	1.57155E-05	0	0	0	0	0	0	0	4.56985E-11	4.56985E-11	4.56985E-05
578505.014141656.4:	578505.01	4141656	1.70507E-05	1.70507E-05	0	0	0	0	0	0	0	4.95811E-11	4.95811E-11	4.95811E-05
578525.014141656.4:	578525.01	4141656	1.84703E-05	1.84703E-05	0	0	0	0	0	0	0	5.37091E-11	5.37091E-11	5.37091E-05
578545.014141656.4:	578545.01	4141656	2.01585E-05	2.01585E-05	0	0	0	0	0	0	0	5.86181E-11	5.86181E-11	5.86181E-05
578565.014141656.4:	578565.01	4141656	2.21843E-05	2.21843E-05	0	0	0	0	0	0	0	6.45089E-11	6.45089E-11	6.45089E-05
578585.014141656.4:	578585.01	4141656	2.46199E-05	2.46199E-05	0	0	0	0	0	0	0	7.15913E-11	7.15913E-11	7.15913E-05
578605.014141656.4:	578605.01	4141656	2.75865E-05	2.75865E-05	0	0	0	0	0	0	0	8.02178E-11	8.02178E-11	8.02178E-05
578625.014141656.4:	578625.01	4141656	3.13266E-05	3.13266E-05	0	0	0	0	0	0	0	9.10935E-11	9.10935E-11	9.10935E-05
578645.014141656.4:	578645.01	4141656	3.58908E-05	3.58908E-05	0	0	0	0	0	0	0	1.04366E-10	1.04366E-10	0.000104366
578665.014141656.4:	578665.01	4141656	4.17749E-05	4.17749E-05	0	0	0	0	0	0	0	1.21476E-10	1.21476E-10	0.000121476
578685.014141656.4:	578685.01	4141656	4.99841E-05	4.99841E-05	0	0	0	0	0	0	0	1.45347E-10	1.45347E-10	0.000145347
578705.014141656.4:	578705.01	4141656	6.03311E-05	6.03311E-05	0	0	0	0	0	0	0	1.75435E-10	1.75435E-10	0.000175435
578725.014141656.4:	578725.01	4141656	7.46731E-05	7.46731E-05	0	0	0	0	0	0	0	2.17139E-10	2.17139E-10	0.000217139
579005.014141656.4:	579005.01	4141656	0.000627252	0.000627252	0	0	0	0	0	0	0	1.82396E-09	1.82396E-09	0.001823962
579025.014141656.4:	579025.01	4141656	0.000856255	0.000856255	0	0	0	0	0	0	0	2.48987E-09	2.48987E-09	0.002489875
579045.014141656.4:	579045.01	4141656	0.000647023	0.000647023	0	0	0	0	0	0	0	1.88146E-09	1.88146E-09	0.001881456
579065.014141656.4:	579065.01	4141656	0.000517252	0.000517252	0	0	0	0	0	0	0	1.5041E-09	1.5041E-09	0.0015041
579085.014141656.4:	579085.01	4141656	0.000427654	0.000427654	0	0	0	0	0	0	0	1.24356E-09	1.24356E-09	0.001243561
579105.014141656.4:	579105.01	4141656	0.000363526	0.000363526	0	0	0	0	0	0	0	1.05708E-09	1.05708E-09	0.001057085
579125.014141656.4:	579125.01	4141656	0.000316484	0.000316484	0	0	0	0	0	0	0	9.20293E-10	9.20293E-10	0.000920293
579145.014141656.4:	579145.01	4141656	0.000280429	0.000280429	0	0	0	0	0	0	0	8.1545E-10	8.1545E-10	0.00081545
579185.014141656.4:	579185.01	4141656	0.000232862	0.000232862	0	0	0	0	0	0	0	6.77132E-10	6.77132E-10	0.000677132
579205.014141656.4:	579205.01	4141656	0.000220185	0.000220185	0	0	0	0	0	0	0	6.40269E-10	6.40269E-10	0.000640269
579225.014141656.4:	579225.01	4141656	0.000213724	0.000213724	0	0	0	0	0	0	0	6.21481E-10	6.21481E-10	0.000621481
579245.014141656.4:	579245.01	4141656	0.000214584	0.000214584	0	0	0	0	0	0	0	6.2398E-10	6.2398E-10	0.00062398
579265.014141656.4:	579265.01	4141656	0.000218437	0.000218437	0	0	0	0	0	0	0	6.35186E-10	6.35186E-10	0.000635186
579285.014141656.4:	579285.01	4141656	0.000232767	0.000232767	0	0	0	0	0	0	0	6.76855E-10	6.76855E-10	0.000676855
579305.014141656.4:	579305.01	4141656	0.000260487	0.000260487	0	0	0	0	0	0	0	7.57461E-10	7.57461E-10	0.000757461

579325.014141656.4:	579325.01	4141656	0.000300387	0.000300387	0	0	0	0	0	0	0	8.73483E-10	8.73483E-10	0.000873483
579345.014141656.4:	579345.01	4141656	0.00036792	0.00036792	0	0	0	0	0	0	0	1.06986E-09	1.06986E-09	0.001069862
578385.014141676.4:	578385.01	4141676	1.13231E-05	1.13231E-05	0	0	0	0	0	0	0	3.29261E-11	3.29261E-11	3.29261E-05
578405.014141676.4:	578405.01	4141676	1.20137E-05	1.20137E-05	0	0	0	0	0	0	0	3.49343E-11	3.49343E-11	3.49343E-05
578425.014141676.4:	578425.01	4141676	1.27259E-05	1.27259E-05	0	0	0	0	0	0	0	3.7005E-11	3.7005E-11	3.7005E-05
578445.014141676.4:	578445.01	4141676	1.36421E-05	1.36421E-05	0	0	0	0	0	0	0	3.96693E-11	3.96693E-11	3.96693E-05
578465.014141676.4:	578465.01	4141676	1.47333E-05	1.47333E-05	0	0	0	0	0	0	0	4.28423E-11	4.28423E-11	4.28423E-05
578485.014141676.4:	578485.01	4141676	1.58643E-05	1.58643E-05	0	0	0	0	0	0	0	4.61314E-11	4.61314E-11	4.61314E-05
578505.014141676.4:	578505.01	4141676	1.72471E-05	1.72471E-05	0	0	0	0	0	0	0	5.01523E-11	5.01523E-11	5.01523E-05
578525.014141676.4:	578525.01	4141676	1.8725E-05	1.8725E-05	0	0	0	0	0	0	0	5.44499E-11	5.44499E-11	5.44499E-05
578545.014141676.4:	578545.01	4141676	2.04792E-05	2.04792E-05	0	0	0	0	0	0	0	5.95508E-11	5.95508E-11	5.95508E-05
578565.014141676.4:	578565.01	4141676	2.25695E-05	2.25695E-05	0	0	0	0	0	0	0	6.56291E-11	6.56291E-11	6.56291E-05
578585.014141676.4:	578585.01	4141676	2.50972E-05	2.50972E-05	0	0	0	0	0	0	0	7.29792E-11	7.29792E-11	7.29792E-05
578605.014141676.4:	578605.01	4141676	2.81497E-05	2.81497E-05	0	0	0	0	0	0	0	8.18556E-11	8.18556E-11	8.18556E-05
578625.014141676.4:	578625.01	4141676	3.20034E-05	3.20034E-05	0	0	0	0	0	0	0	9.30615E-11	9.30615E-11	9.30615E-05
578645.014141676.4:	578645.01	4141676	3.69452E-05	3.69452E-05	0	0	0	0	0	0	0	1.07432E-10	1.07432E-10	0.000107432
578665.014141676.4:	578665.01	4141676	4.32513E-05	4.32513E-05	0	0	0	0	0	0	0	1.25769E-10	1.25769E-10	0.000125769
578685.014141676.4:	578685.01	4141676	5.11229E-05	5.11229E-05	0	0	0	0	0	0	0	1.48658E-10	1.48658E-10	0.000148658
578705.014141676.4:	578705.01	4141676	6.15405E-05	6.15405E-05	0	0	0	0	0	0	0	1.78951E-10	1.78951E-10	0.000178951
578985.014141676.4:	578985.01	4141676	0.000710972	0.000710972	0	0	0	0	0	0	0	2.06741E-09	2.06741E-09	0.002067409
579005.014141676.4:	579005.01	4141676	0.00068275	0.00068275	0	0	0	0	0	0	0	1.98534E-09	1.98534E-09	0.001985344
579025.014141676.4:	579025.01	4141676	0.000537683	0.000537683	0	0	0	0	0	0	0	1.56351E-09	1.56351E-09	0.001563508
579045.014141676.4:	579045.01	4141676	0.000441295	0.000441295	0	0	0	0	0	0	0	1.28323E-09	1.28323E-09	0.001283225
579065.014141676.4:	579065.01	4141676	0.00037094	0.00037094	0	0	0	0	0	0	0	1.07864E-09	1.07864E-09	0.001078644
579085.014141676.4:	579085.01	4141676	0.000320547	0.000320547	0	0	0	0	0	0	0	9.32106E-10	9.32106E-10	0.000932106
579105.014141676.4:	579105.01	4141676	0.000281344	0.000281344	0	0	0	0	0	0	0	8.1811E-10	8.1811E-10	0.00081811
579125.014141676.4:	579125.01	4141676	0.000250907	0.000250907	0	0	0	0	0	0	0	7.29605E-10	7.29605E-10	0.000729605
579145.014141676.4:	579145.01	4141676	0.000228191	0.000228191	0	0	0	0	0	0	0	6.63547E-10	6.63547E-10	0.000663547
579165.014141676.4:	579165.01	4141676	0.000212389	0.000212389	0	0	0	0	0	0	0	6.17599E-10	6.17599E-10	0.000617599
579185.014141676.4:	579185.01	4141676	0.000200497	0.000200497	0	0	0	0	0	0	0	5.83017E-10	5.83017E-10	0.000583017
579205.014141676.4:	579205.01	4141676	0.000192837	0.000192837	0	0	0	0	0	0	0	5.60743E-10	5.60743E-10	0.000560743
579225.014141676.4:	579225.01	4141676	0.000190272	0.000190272	0	0	0	0	0	0	0	5.53286E-10	5.53286E-10	0.000553286
579245.014141676.4:	579245.01	4141676	0.000193925	0.000193925	0	0	0	0	0	0	0	5.63907E-10	5.63907E-10	0.000563907
579265.014141676.4:	579265.01	4141676	0.000202545	0.000202545	0	0	0	0	0	0	0	5.88975E-10	5.88975E-10	0.000588975
579285.014141676.4:	579285.01	4141676	0.000215999	0.000215999	0	0	0	0	0	0	0	6.28095E-10	6.28095E-10	0.000628095
579305.014141676.4:	579305.01	4141676	0.000237623	0.000237623	0	0	0	0	0	0	0	6.90975E-10	6.90975E-10	0.000690975
579325.014141676.4:	579325.01	4141676	0.000277545	0.000277545	0	0	0	0	0	0	0	8.07064E-10	8.07064E-10	0.000807064
579345.014141676.4:	579345.01	4141676	0.000343863	0.000343863	0	0	0	0	0	0	0	9.99908E-10	9.99908E-10	0.000999908
578385.014141696.4:	578385.01	4141696	1.13876E-05	1.13876E-05	0	0	0	0	0	0	0	3.31135E-11	3.31135E-11	3.31135E-05
578405.014141696.4:	578405.01	4141696	1.20322E-05	1.20322E-05	0	0	0	0	0	0	0	3.49879E-11	3.49879E-11	3.49879E-05
578425.014141696.4:	578425.01	4141696	1.28716E-05	1.28716E-05	0	0	0	0	0	0	0	3.7429E-11	3.7429E-11	3.7429E-05
578445.014141696.4:	578445.01	4141696	1.38615E-05	1.38615E-05	0	0	0	0	0	0	0	4.03075E-11	4.03075E-11	4.03075E-05
578465.014141696.4:	578465.01	4141696	1.48852E-05	1.48852E-05	0	0	0	0	0	0	0	4.32841E-11	4.32841E-11	4.32841E-05
578485.014141696.4:	578485.01	4141696	1.60301E-05	1.60301E-05	0	0	0	0	0	0	0	4.66133E-11	4.66133E-11	4.66133E-05
578505.014141696.4:	578505.01	4141696	1.74405E-05	1.74405E-05	0	0	0	0	0	0	0	5.07146E-11	5.07146E-11	5.07146E-05
578525.014141696.4:	578525.01	4141696	1.90366E-05	1.90366E-05	0	0	0	0	0	0	0	5.53558E-11	5.53558E-11	5.53558E-05
578565.014141696.4:	578565.01	4141696	2.30299E-05	2.30299E-05	0	0	0	0	0	0	0	6.69679E-11	6.69679E-11	6.69679E-05
578585.014141696.4:	578585.01	4141696	2.56558E-05	2.56558E-05	0	0	0	0	0	0	0	7.46036E-11	7.46036E-11	7.46036E-05
578605.014141696.4:	578605.01	4141696	2.88557E-05	2.88557E-05	0	0	0	0	0	0	0	8.39085E-11	8.39085E-11	8.39085E-05
578625.014141696.4:	578625.01	4141696	3.27846E-05	3.27846E-05	0	0	0	0	0	0	0	9.53331E-11	9.53331E-11	9.53331E-05
578645.014141696.4:	578645.01	4141696	3.78967E-05	3.78967E-05	0	0	0	0	0	0	0	1.10198E-10	1.10198E-10	0.000110198
578665.014141696.4:	578665.01	4141696	4.42274E-05	4.42274E-05	0	0	0	0	0	0	0	1.28607E-10	1.28607E-10	0.000128607
578685.014141696.4:	578685.01	4141696	5.20713E-05	5.20713E-05	0	0	0	0	0	0	0	1.51416E-10	1.51416E-10	0.000151416
578945.014141696.4:	578945.01	4141696	0.000567791	0.000567791	0	0	0	0	0	0	0	1.65106E-09	1.65106E-09	0.001651058
578965.014141696.4:	578965.01	4141696	0.000669149	0.000669149	0	0	0	0	0	0	0	1.9458E-09	1.9458E-09	0.001945795
578985.014141696.4:	578985.01	4141696	0.000537273	0.000537273	0	0	0	0	0	0	0	1.56232E-09	1.56232E-09	0.001562316
579005.014141696.4:	579005.01	4141696	0.000443129	0.000443129	0	0	0	0	0	0	0	1.28856E-09	1.28856E-09	0.001288558
579025.014141696.4:	579025.01	4141696	0.000373247	0.000373247	0	0	0	0	0	0	0	1.08535E-09	1.08535E-09	0.001085352
579045.014141696.4:	579045.01	4141696	0.00032105	0.00032105	0	0	0	0	0	0	0	9.3357E-10	9.3357E-10	0.00093357
579065.014141696.4:	579065.01	4141696	0.000281701	0.000281701	0	0	0	0	0	0	0	8.19149E-10	8.19149E-10	0.000819149
579085.014141696.4:	579085.01	4141696	0.000250656	0.000250656	0	0	0	0	0	0	0	7.28873E-10	7.28873E-10	0.000728873
579105.014141696.4:	579105.01	4141696	0.000226248	0.000226248	0	0	0	0	0	0	0	6.57897E-10	6.57897E-10	0.000657897
579125.014141696.4:	579125.01	4141696	0.00020631	0.00020631	0	0	0	0	0	0	0	5.99922E-10	5.99922E-10	0.000599922
579145.014141696.4:	579145.01	4141696	0.000191907	0.000191907	0	0	0	0	0	0	0	5.58039E-10	5.58039E-10	0.000558039
579165.014141696.4:	579165.01	4141696	0.000181675	0.000181675	0	0	0	0	0	0	0	5.28286E-10	5.28286E-10	0.000528286
579185.014141696.4:	579185.01	4141696	0.000175177	0.000175177	0	0	0	0	0	0	0	5.09391E-10	5.09391E-10	0.000509391

579205.014141696.4:	579205.01	4141696	0.000171463	0.000171463	0	0	0	0	0	0	0	4.98591E-10	4.98591E-10	0.000498591
579225.014141696.4:	579225.01	4141696	0.000171716	0.000171716	0	0	0	0	0	0	0	4.99327E-10	4.99327E-10	0.000499327
579245.014141696.4:	579245.01	4141696	0.000175281	0.000175281	0	0	0	0	0	0	0	5.09694E-10	5.09694E-10	0.000509694
579265.014141696.4:	579265.01	4141696	0.000185777	0.000185777	0	0	0	0	0	0	0	5.40215E-10	5.40215E-10	0.000540215
579285.014141696.4:	579285.01	4141696	0.000201164	0.000201164	0	0	0	0	0	0	0	5.84958E-10	5.84958E-10	0.000584958
579305.014141696.4:	579305.01	4141696	0.000221025	0.000221025	0	0	0	0	0	0	0	6.42711E-10	6.42711E-10	0.000642711
579325.014141696.4:	579325.01	4141696	0.00025844	0.00025844	0	0	0	0	0	0	0	7.51508E-10	7.51508E-10	0.000751508
579345.014141696.4:	579345.01	4141696	0.000316682	0.000316682	0	0	0	0	0	0	0	9.20869E-10	9.20869E-10	0.000920869
578385.014141716.4:	578385.01	4141716	1.14459E-05	1.14459E-05	0	0	0	0	0	0	0	3.32831E-11	3.32831E-11	3.32831E-05
578405.014141716.4:	578405.01	4141716	1.21734E-05	1.21734E-05	0	0	0	0	0	0	0	3.53985E-11	3.53985E-11	3.53985E-05
578425.014141716.4:	578425.01	4141716	1.30712E-05	1.30712E-05	0	0	0	0	0	0	0	3.80092E-11	3.80092E-11	3.80092E-05
578445.014141716.4:	578445.01	4141716	1.40196E-05	1.40196E-05	0	0	0	0	0	0	0	4.07671E-11	4.07671E-11	4.07671E-05
578465.014141716.4:	578465.01	4141716	1.50417E-05	1.50417E-05	0	0	0	0	0	0	0	4.37393E-11	4.37393E-11	4.37393E-05
578485.014141716.4:	578485.01	4141716	1.62281E-05	1.62281E-05	0	0	0	0	0	0	0	4.7189E-11	4.7189E-11	4.7189E-05
578505.014141716.4:	578505.01	4141716	1.7706E-05	1.7706E-05	0	0	0	0	0	0	0	5.14866E-11	5.14866E-11	5.14866E-05
578525.014141716.4:	578525.01	4141716	1.94295E-05	1.94295E-05	0	0	0	0	0	0	0	5.64983E-11	5.64983E-11	5.64983E-05
578605.014141716.4:	578605.01	4141716	2.95525E-05	2.95525E-05	0	0	0	0	0	0	0	8.59345E-11	8.59345E-11	8.59345E-05
578625.014141716.4:	578625.01	4141716	3.36793E-05	3.36793E-05	0	0	0	0	0	0	0	9.79348E-11	9.79348E-11	9.79348E-05
578645.014141716.4:	578645.01	4141716	3.88267E-05	3.88267E-05	0	0	0	0	0	0	0	1.12903E-10	1.12903E-10	0.000112903
578665.014141716.4:	578665.01	4141716	4.49748E-05	4.49748E-05	0	0	0	0	0	0	0	1.30781E-10	1.30781E-10	0.000130781
578685.014141716.4:	578685.01	4141716	5.27481E-05	5.27481E-05	0	0	0	0	0	0	0	1.53384E-10	1.53384E-10	0.000153384
578905.014141716.4:	578905.01	4141716	0.00044234	0.00044234	0	0	0	0	0	0	0	1.28626E-09	1.28626E-09	0.001286265
578925.014141716.4:	578925.01	4141716	0.000488081	0.000488081	0	0	0	0	0	0	0	1.41927E-09	1.41927E-09	0.001419272
578945.014141716.4:	578945.01	4141716	0.000466228	0.000466228	0	0	0	0	0	0	0	1.35573E-09	1.35573E-09	0.001355727
578965.014141716.4:	578965.01	4141716	0.000411445	0.000411445	0	0	0	0	0	0	0	1.19643E-09	1.19643E-09	0.001196425
578985.014141716.4:	578985.01	4141716	0.000357651	0.000357651	0	0	0	0	0	0	0	1.04E-09	1.04E-09	0.001040002
579005.014141716.4:	579005.01	4141716	0.000311805	0.000311805	0	0	0	0	0	0	0	9.06686E-10	9.06686E-10	0.000906686
579025.014141716.4:	579025.01	4141716	0.000275466	0.000275466	0	0	0	0	0	0	0	8.01017E-10	8.01017E-10	0.000801017
579045.014141716.4:	579045.01	4141716	0.000245751	0.000245751	0	0	0	0	0	0	0	7.1461E-10	7.1461E-10	0.00071461
579065.014141716.4:	579065.01	4141716	0.000221347	0.000221347	0	0	0	0	0	0	0	6.43648E-10	6.43648E-10	0.000643648
579085.014141716.4:	579085.01	4141716	0.000202119	0.000202119	0	0	0	0	0	0	0	5.87734E-10	5.87734E-10	0.000587734
579105.014141716.4:	579105.01	4141716	0.000187445	0.000187445	0	0	0	0	0	0	0	5.45066E-10	5.45066E-10	0.000545066
579125.014141716.4:	579125.01	4141716	0.000174572	0.000174572	0	0	0	0	0	0	0	5.07632E-10	5.07632E-10	0.000507632
579145.014141716.4:	579145.01	4141716	0.000164742	0.000164742	0	0	0	0	0	0	0	4.79048E-10	4.79048E-10	0.000479048
579165.014141716.4:	579165.01	4141716	0.000158863	0.000158863	0	0	0	0	0	0	0	4.61952E-10	4.61952E-10	0.000461952
579185.014141716.4:	579185.01	4141716	0.000155333	0.000155333	0	0	0	0	0	0	0	4.51687E-10	4.51687E-10	0.000451687
579205.014141716.4:	579205.01	4141716	0.000154253	0.000154253	0	0	0	0	0	0	0	4.48546E-10	4.48546E-10	0.000448546
579225.014141716.4:	579225.01	4141716	0.000156208	0.000156208	0	0	0	0	0	0	0	4.54231E-10	4.54231E-10	0.000454231
579245.014141716.4:	579245.01	4141716	0.0001596	0.0001596	0	0	0	0	0	0	0	4.64094E-10	4.64094E-10	0.000464094
579265.014141716.4:	579265.01	4141716	0.000170195	0.000170195	0	0	0	0	0	0	0	4.94905E-10	4.94905E-10	0.000494905
579285.014141716.4:	579285.01	4141716	0.000185214	0.000185214	0	0	0	0	0	0	0	5.38577E-10	5.38577E-10	0.000538577
579305.014141716.4:	579305.01	4141716	0.000204379	0.000204379	0	0	0	0	0	0	0	5.94308E-10	5.94308E-10	0.000594308
579325.014141716.4:	579325.01	4141716	0.000236785	0.000236785	0	0	0	0	0	0	0	6.88538E-10	6.88538E-10	0.000688538
579345.014141716.4:	579345.01	4141716	0.000287711	0.000287711	0	0	0	0	0	0	0	8.36626E-10	8.36626E-10	0.000836626
578385.014141736.4:	578385.01	4141736	1.15364E-05	1.15364E-05	0	0	0	0	0	0	0	3.35464E-11	3.35464E-11	3.35464E-05
578405.014141736.4:	578405.01	4141736	1.23652E-05	1.23652E-05	0	0	0	0	0	0	0	3.59563E-11	3.59563E-11	3.59563E-05
578425.014141736.4:	578425.01	4141736	1.32292E-05	1.32292E-05	0	0	0	0	0	0	0	3.84688E-11	3.84688E-11	3.84688E-05
578445.014141736.4:	578445.01	4141736	1.41639E-05	1.41639E-05	0	0	0	0	0	0	0	4.11866E-11	4.11866E-11	4.11866E-05
578465.014141736.4:	578465.01	4141736	1.52013E-05	1.52013E-05	0	0	0	0	0	0	0	4.42034E-11	4.42034E-11	4.42034E-05
578485.014141736.4:	578485.01	4141736	1.6469E-05	1.6469E-05	0	0	0	0	0	0	0	4.78897E-11	4.78897E-11	4.78897E-05
578505.014141736.4:	578505.01	4141736	1.81833E-05	1.81833E-05	0	0	0	0	0	0	0	5.28746E-11	5.28746E-11	5.28746E-05
578625.014141736.4:	578625.01	4141736	3.44973E-05	3.44973E-05	0	0	0	0	0	0	0	1.00313E-10	1.00313E-10	0.000100313
578645.014141736.4:	578645.01	4141736	3.94314E-05	3.94314E-05	0	0	0	0	0	0	0	1.14661E-10	1.14661E-10	0.000114661
578665.014141736.4:	578665.01	4141736	4.54951E-05	4.54951E-05	0	0	0	0	0	0	0	1.32293E-10	1.32293E-10	0.000132293
578865.014141736.4:	578865.01	4141736	0.00024033	0.00024033	0	0	0	0	0	0	0	6.98847E-10	6.98847E-10	0.000698847
578885.014141736.4:	578885.01	4141736	0.000282848	0.000282848	0	0	0	0	0	0	0	8.22483E-10	8.22483E-10	0.000822483
578905.014141736.4:	578905.01	4141736	0.000314739	0.000314739	0	0	0	0	0	0	0	9.15219E-10	9.15219E-10	0.000915219
578925.014141736.4:	578925.01	4141736	0.000322597	0.000322597	0	0	0	0	0	0	0	9.38068E-10	9.38068E-10	0.000938068
578945.014141736.4:	578945.01	4141736	0.000309401	0.000309401	0	0	0	0	0	0	0	8.99697E-10	8.99697E-10	0.000899697
578965.014141736.4:	578965.01	4141736	0.00028464	0.00028464	0	0	0	0	0	0	0	8.27696E-10	8.27696E-10	0.000827696
578985.014141736.4:	578985.01	4141736	0.000258869	0.000258869	0	0	0	0	0	0	0	7.52757E-10	7.52757E-10	0.000752757
579005.014141736.4:	579005.01	4141736	0.000234575	0.000234575	0	0	0	0	0	0	0	6.82112E-10	6.82112E-10	0.000682112
579025.014141736.4:	579025.01	4141736	0.000213232	0.000213232	0	0	0	0	0	0	0	6.20049E-10	6.20049E-10	0.000620049
579045.014141736.4:	579045.01	4141736	0.000194987	0.000194987	0	0	0	0	0	0	0	5.66996E-10	5.66996E-10	0.000566996
579065.014141736.4:	579065.01	4141736	0.000180142	0.000180142	0	0	0	0	0	0	0	5.23828E-10	5.23828E-10	0.000523828
579085.014141736.4:	579085.01	4141736	0.000168114	0.000168114	0	0	0	0	0	0	0	4.88853E-10	4.88853E-10	0.000488853

579105.014141736.4:	579105.01	4141736	0.000158579	0.000158579	0	0	0	0	0	0	0	4.61126E-10	4.61126E-10	0.000461126
579125.014141736.4:	579125.01	4141736	0.000150476	0.000150476	0	0	0	0	0	0	0	4.37563E-10	4.37563E-10	0.000437563
579145.014141736.4:	579145.01	4141736	0.000144395	0.000144395	0	0	0	0	0	0	0	4.19881E-10	4.19881E-10	0.000419881
579165.014141736.4:	579165.01	4141736	0.000140867	0.000140867	0	0	0	0	0	0	0	4.09622E-10	4.09622E-10	0.000409622
579185.014141736.4:	579185.01	4141736	0.00013955	0.00013955	0	0	0	0	0	0	0	4.05793E-10	4.05793E-10	0.000405793
579205.014141736.4:	579205.01	4141736	0.000140147	0.000140147	0	0	0	0	0	0	0	4.07529E-10	4.07529E-10	0.000407529
579225.014141736.4:	579225.01	4141736	0.000143144	0.000143144	0	0	0	0	0	0	0	4.16244E-10	4.16244E-10	0.000416244
579245.014141736.4:	579245.01	4141736	0.000148755	0.000148755	0	0	0	0	0	0	0	4.3256E-10	4.3256E-10	0.00043256
579265.014141736.4:	579265.01	4141736	0.000157417	0.000157417	0	0	0	0	0	0	0	4.57748E-10	4.57748E-10	0.000457748
579285.014141736.4:	579285.01	4141736	0.000171622	0.000171622	0	0	0	0	0	0	0	4.99055E-10	4.99055E-10	0.000499055
579305.014141736.4:	579305.01	4141736	0.00019334	0.00019334	0	0	0	0	0	0	0	5.62207E-10	5.62207E-10	0.000562207
579325.014141736.4:	579325.01	4141736	0.000223098	0.000223098	0	0	0	0	0	0	0	6.4874E-10	6.4874E-10	0.00064874
579345.014141736.4:	579345.01	4141736	0.000270418	0.000270418	0	0	0	0	0	0	0	7.86339E-10	7.86339E-10	0.000786339
578385.014141756.4:	578385.01	4141756	1.17329E-05	1.17329E-05	0	0	0	0	0	0	0	3.41177E-11	3.41177E-11	3.41177E-05
578405.014141756.4:	578405.01	4141756	1.25217E-05	1.25217E-05	0	0	0	0	0	0	0	3.64115E-11	3.64115E-11	3.64115E-05
578425.014141756.4:	578425.01	4141756	1.33935E-05	1.33935E-05	0	0	0	0	0	0	0	3.89463E-11	3.89463E-11	3.89463E-05
578445.014141756.4:	578445.01	4141756	1.43726E-05	1.43726E-05	0	0	0	0	0	0	0	4.17936E-11	4.17936E-11	4.17936E-05

Cubberley Community Center Master Plan

PM2.5 Emissions
Residential Receptors

Tons to Grams
907184.74

Operating Hours			
M-F	Sat	Sun	Weekly Average
10	9	0	8.428571429

			Exhaust Emissions		Fugitive Dust Emissions	
	Phase	Year	(ton/yr)	(g/s)	(ton/yr)	(g/s)
Offroad	Demolition - Phase I	2030	0.016	0.0013257	0.009	0.000702184
Offroad	Grading- Phase I	2030	0.012	0.0009466	0.033	0.002680429
Offroad	New Building Construction I- Phase I	2030	0.005	0.0004171	0.000	0
Offroad	New Building Construction II- Phase I	2031	0.003	0.000269	0.000	0
Offroad	Renovation Building Construction I- Phase I	2031	0.001	4.123E-05	0.000	0
Offroad	Renovation Building Construction II- Phase I	2032	0.000	7.514E-06	0.000	0
Offroad	Paving- Phase I	2032	0.004	0.0003669	0.000	0
Offroad	Architectural Coating- Phase I	2032	0.000	1.501E-05	0.000	0
Offroad	Demolition - Phase II	2032	0.001	6.678E-05	0.002	0.000143369
Offroad	Grading- Phase II	2032	0.002	0.0001715	0.007	0.000601729
Offroad	Building Construction I- Phase II	2032	0.003	0.0002432	0.000	0
Offroad	Building Construction II- Phase II	2033	0.005	0.000441	0.000	0
Offroad	Paving- Phase II	2033	0.001	9.997E-05	0.000	0
Offroad	Architectural Coating- Phase II	2033	0.000	4.784E-06	0.000	0
Offroad	Demolition I - Phase III	2033	0.004	0.000328	0.002	0.000124923
Offroad	Demolition II - Phase III	2034	0.001	9.987E-05	0.000	4.02977E-05
Offroad	Grading- Phase III	2034	0.002	0.0001511	0.007	0.000601729
Offroad	Building Construction I- Phase III	2034	0.006	0.0005163	0.000	0
Offroad	Building Construction II- Phase III	2035	0.002	0.000166	0.000	0
Offroad	Paving- Phase III	2035	0.001	8.479E-05	0.000	0
Offroad	Architectural Coating- Phase III	2035	0.000	3.766E-06	0.000	0
Haul	Demolition - Phase I	2030	0.001	4.746E-05	0.003	0.000269198
Haul	Grading- Phase I	2030	0.000	0	0.000	0
Haul	New Building Construction I- Phase I	2030	0.001	7.231E-05	0.009	0.000747915
Haul	New Building Construction II- Phase I	2031	0.001	4.667E-05	0.006	0.000482718
Haul	Renovation Building Construction I- Phase I	2031	0.001	5.848E-05	0.007	0.000604887
Haul	Renovation Building Construction II- Phase I	2032	0.000	7.514E-06	0.001	0.00011025
Haul	Paving- Phase I	2032	0.000	0	0.000	0
Haul	Architectural Coating- Phase I	2032	0.000	1.501E-05	0.000	0
Haul	Demolition - Phase II	2032	0.000	9.138E-06	0.001	5.18249E-05
Haul	Grading- Phase II	2032	0.000	0	0.000	0
Haul	Building Construction I- Phase II	2032	0.000	1.647E-05	0.002	0.00017034
Haul	Building Construction II- Phase II	2033	0.000	2.987E-05	0.004	0.000308939
Haul	Paving- Phase II	2033	0.000	0	0.000	0
Haul	Architectural Coating- Phase II	2033	0.000	0	0.000	0
Haul	Demolition I - Phase III	2033	0.000	1.06E-05	0.001	6.01443E-05
Haul	Demolition II - Phase III	2034	0.000	3.421E-06	0.000	1.94014E-05
Haul	Grading- Phase III	2034	0.000	0	0.000	0
Haul	Building Construction I- Phase III	2034	0.001	4.409E-05	0.006	0.000456068
Haul	Building Construction II- Phase III	2035	0.000	1.418E-05	0.002	0.000146689
Haul	Paving- Phase III	2035	0.000	0	0.000	0
Haul	Architectural Coating- Phase III	2035	0.000	0	0.000	0

Year	Max Annual PM2.5 Concentration (ug/m3)
2030	0.11
2031	0.02
2032	0.05
2033	0.025671922
2034	0.014051106
2035	0.002841124
Maximum	**0.11**
Threshold	0.3
Exceed?	No

		AERMOD Column Identifier (Exhaust):	*4*	*5*	*6*	*6*	*7*	*7*	*8*	*9*	*10*	*11*	*11*	*11*	*11*	*11*	*12*	*12*	*13*	*13*	*13*	*13*	*13*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*	*14*						
		AERMOD Column Identifier (Fugitive Dust):	*15*	*16*	*17*	*17*	*18*	*18*	*19*	*20*	*21*	*22*	*22*	*22*	*22*	*22*	*23*	*23*	*24*	*24*	*24*	*24*	*24*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*	*25*						
			Demolition - Phase I	Grading- Phase I	New Building Construction I- Phase I	New Building Construction on II-	Renovation Building Construction I- Phase I	Renovation Building Construction II- Phase I	Paving- Phase I	Architectural Coating- Phase I	Demolition - Phase II	Grading- Phase II	Building Construction I- Phase II	Building Construction II- Phase II	Paving- Phase II	Architectural Coating- Phase II	Demolition I - Phase III	Demolition II - Phase III	Grading- Phase III	Building Construction I- Phase III	Building Construction II- Phase III	Paving- Phase III	Architectural Coating- Phase III	Demolition - Phase I	Grading- Phase I	New Building Construction I- Phase I	New Building Construction II- Phase I	Renovation Building Construction I- Phase I	Renovation Building Construction II- Phase I	Paving- Phase I	Architectural Coating- Phase I	Demolition - Phase II	Grading- Phase II	Building Construction I- Phase II	Building Construction II- Phase II	Paving- Phase II	Architectural Coating- Phase II	Demolition I - Phase III	Demolition II - Phase III	Grading- Phase III	Building Construction I- Phase III	Building Construction II- Phase III	Paving- Phase III	Architectural Coating- Phase III	Annual PM2.5 (ug/m3)					
			Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Offroad	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul	Haul						
Unique Identifier	X (UTM)	Y (UTM)	2030	2030	2030	2031	2031	2032	2032	2032	2032	2032	2032	2033	2033	2033	2033	2034	2034	2034	2035	2035	2035	2030	2030	2030	2031	2031	2032	2032	2032	2032	2032	2032	2033	2033	2033	2033	2034	2034	2034	2035	2035	2035	2030	2031	2032	2033	2034	2035
578385.014141176.41	578385.01	4141176.41	0.000194896	0.000218392	2.88081E-05	1.858E-05	1.52163E-06	2.77341E-07	3.17511E-05	8.04591E-07	5.68168E-06	2.02468E-05	7.34816E-06	1.33214E-05	3.02004E-06	1.44512E-07	2.25385E-05	6.96466E-06	3.41571E-05	2.61398E-05	8.40557E-06	4.29271E-06	1.90654E-07	1.51906E-05	0	3.95763E-05	2.55433E-05	3.2008E-05	5.6952E-06	0	6.6204E-07	2.92443E-06	0	9.01362E-06	1.63477E-05	0	0	3.39389E-06	1.0948E-06	0	2.41331E-05	7.76212E-06	0	0	0.0004969	7.76544E-05	8.4405E-05	5.8766E-05	9.24894E-05	2.0651E-05
578405.014141176.41	578405.01	4141176.41	0.000216977	0.00024646	3.26828E-05	2.108E-05	1.6622E-06	3.02963E-07	3.63991E-05	9.01376E-07	6.22586E-06	2.21488E-05	7.96354E-06	1.4437E-05	3.27296E-06	1.56615E-07	2.49761E-05	7.71702E-06	3.75305E-05	2.89897E-05	9.322E-06	4.76072E-06	2.1144E-07	1.59083E-05	0	4.144E-05	2.67461E-05	3.35152E-05	5.96302E-06	0	6.94902E-07	3.0626E-06	0	9.43806E-06	1.71175E-05	0	0	3.55424E-06	1.14653E-06	0	2.52695E-05	8.12763E-06	0	0	0.0005535	8.30043E-05	9.31002E-05	6.35144E-05	0.000100653	2.24218E-05
578425.014141176.41	578425.01	4141176.41	0.00024336	0.000280389	3.74292E-05	2.414E-05	1.82752E-06	3.33094E-07	4.2122E-05	1.01842E-06	6.85897E-06	2.43377E-05	8.67866E-06	1.57334E-05	3.56687E-06	1.70679E-07	2.78393E-05	8.60043E-06	4.14522E-05	3.23559E-05	1.04044E-05	5.31353E-06	2.35992E-07	1.68153E-05	0	4.38012E-05	2.82701E-05	3.54249E-05	6.30274E-06	0	7.34816E-07	3.2372E-06	0	9.97585E-06	1.80929E-05	0	0	3.75687E-06	1.21189E-06	0	2.67094E-05	8.59075E-06	0	0	0.0006218	8.96648E-05	0.000103599	6.91599E-05	0.00011033	2.45447E-05
578445.014141176.41	578445.01	4141176.41	0.000276629	0.000322051	4.4136E-05	2.847E-05	2.06621E-06	3.766E-07	5.01597E-05	1.16142E-06	7.58768E-06	2.68428E-05	9.51782E-06	1.72547E-05	3.91176E-06	1.87182E-07	3.12576E-05	9.65493E-06	4.60938E-05	3.63727E-05	1.16961E-05	5.97316E-06	2.65289E-07	1.80382E-05	0	4.69243E-05	3.02858E-05	3.79507E-05	6.74861E-06	0	8.03991E-07	3.47263E-06	0	1.06871E-05	1.93829E-05	0	0	4.03009E-06	1.30003E-06	0	2.86138E-05	9.20328E-06	0	0	0.0007078	9.8771E-05	0.000117358	7.60242E-05	0.000122035	2.71378E-05
578465.014141176.41	578465.01	4141176.41	0.000313151	0.000370914	5.11305E-05	3.298E-05	2.24307E-06	4.08835E-07	5.85936E-05	1.32543E-06	8.38211E-06	2.95711E-05	1.04348E-05	1.89171E-05	4.28864E-06	2.05216E-07	3.5096E-05	1.08391E-05	5.13393E-05	4.08696E-05	1.31421E-05	6.71165E-06	2.98087E-07	1.88053E-05	0	4.89544E-05	3.15961E-05	3.95926E-05	7.04252E-06	0	8.295E-07	3.62032E-06	0	1.11495E-05	2.02215E-05	0	0	4.20149E-06	1.35532E-06	0	2.98518E-05	9.60144E-06	0	0	0.000803	0.000106412	0.000131358	8.293E-05	0.000134255	2.97533E-05
578485.014141176.41	578485.01	4141176.41	0.000357718	0.000431913	5.97933E-05	3.857E-05	2.50444E-06	4.56474E-07	6.89866E-05	1.52665E-06	9.28924E-06	3.26928E-05	1.15172E-05	2.08794E-05	4.7335E-06	2.26503E-07	3.97186E-05	1.22653E-05	5.76766E-05	4.6239E-05	1.48687E-05	7.59342E-06	3.3725E-07	1.99215E-05	0	5.17899E-05	3.34262E-05	4.18859E-05	7.44648E-06	0	8.96425E-07	3.8352E-06	0	1.17953E-05	2.13927E-05	0	0	4.45087E-06	1.43576E-06	0	3.15808E-05	1.01576E-05	0	0	0.0009211	0.000116384	0.000148442	9.14016E-05	0.000149197	3.2957E-05
578505.014141176.41	578505.01	4141176.41	0.00041698	0.000509459	7.06876E-05	4.559E-05	2.87794E-06	5.2455E-07	8.19731E-05	1.77769E-06	1.04016E-05	3.63059E-05	1.28185E-05	2.32385E-05	5.26833E-06	2.52095E-07	4.60504E-05	1.42165E-05	6.55303E-05	5.27597E-05	1.69655E-05	8.66426E-06	3.8481E-07	2.1385E-05	0	5.55801E-05	3.58724E-05	4.49512E-05	7.99062E-06	0	9.659E-07	4.11694E-06	0	1.26585E-05	2.29583E-05	0	0	4.77784E-06	1.54124E-06	0	3.3892E-05	1.09009E-05	0	0	0.0010741	0.000129296	0.000169533	0.000102545	0.00016794	3.69155E-05
578525.014141176.41	578525.01	4141176.41	0.000483311	0.000603662	8.38591E-05	5.409E-05	3.25103E-06	5.92552E-07	9.75644E-05	2.0751E-06	1.15815E-05	4.03449E-05	1.42974E-05	2.59195E-05	5.87613E-06	2.8118E-07	5.27153E-05	1.62736E-05	7.48263E-05	6.02614E-05	1.93778E-05	9.8962E-06	4.39524E-07	2.27292E-05	0	5.90569E-05	3.81164E-05	4.77631E-05	8.48952E-06	0	1.03087E-06	4.37573E-06	0	1.34504E-05	2.43944E-05	0	0	5.07816E-06	1.63812E-06	0	3.60121E-05	1.15828E-05	0	0	0.0012526	0.000143221	0.000193802	0.000114265	0.000189012	4.12964E-05
578545.014141176.41	578545.01	4141176.41	0.000565549	0.000725332	0.000100397	6.476E-05	3.70162E-06	6.74679E-07	0.000116967	2.48535E-06	1.29585E-05	4.52965E-05	1.63795E-05	2.96941E-05	6.73186E-06	3.22127E-07	6.08074E-05	1.87722E-05	8.66758E-05	7.04633E-05	2.26584E-05	1.15716E-05	5.13933E-07	2.45463E-05	0	6.37034E-05	4.11153E-05	5.1521E-05	9.15323E-06	0	1.13216E-06	4.72555E-06	0	1.45086E-05	2.63138E-05	0	0	5.48415E-06	1.76908E-06	0	3.88455E-05	1.24942E-05	0	0	0.0014795	0.000161095	0.000224281	0.000129353	0.000216526	4.7238E-05
578565.014141176.41	578565.01	4141176.41	0.000663034	0.000867037	0.000120204	7.753E-05	4.22106E-06	7.69355E-07	0.000140035	2.87744E-06	1.45055E-05	5.06608E-05	1.84494E-05	3.34467E-05	7.58259E-06	3.62836E-07	7.01964E-05	2.16726E-05	9.97438E-05	7.95036E-05	2.55654E-05	1.30562E-05	5.79869E-07	2.6007E-05	0	6.75196E-05	4.35784E-05	5.46075E-05	9.70301E-06	0	1.19308E-06	5.00674E-06	0	1.53778E-05	2.78901E-05	0	0	5.81048E-06	1.87435E-06	0	4.11726E-05	1.32426E-05	0	0	0.0017438	0.00017994	0.000258578	0.000145289	0.000243967	5.2444E-05
578585.014141176.41	578585.01	4141176.41	0.000783097	0.001041652	0.000144925	9.348E-05	4.84809E-06	8.83643E-07	0.000168613	3.4637E-06	1.63411E-05	5.7036E-05	2.09377E-05	3.79577E-05	8.60527E-06	4.11772E-07	8.15072E-05	2.51678E-05	0.000116344	9.29633E-05	2.98935E-05	1.52665E-05	6.78039E-07	2.80481E-05	0	7.26526E-05	4.68913E-05	5.87589E-05	1.04313E-05	0	1.32858E-06	5.39969E-06	0	1.65468E-05	3.00104E-05	0	0	6.2665E-06	2.02145E-06	0	4.43026E-05	1.42494E-05	0	0	0.0020704	0.000203976	0.000300981	0.000164759	0.000280799	6.00874E-05
578605.014141176.41	578605.01	4141176.41	0.000928509	0.00125337	0.000175338	0.0001131	5.59304E-06	1.01942E-06	0.000203566	4.11899E-06	1.85172E-05	6.457E-05	2.38833E-05	4.32977E-05	9.81588E-06	4.69701E-07	9.48857E-05	2.9303E-05	0.000135412	0.000107187	3.44673E-05	1.76024E-05	7.81782E-07	3.0242E-05	0	7.82143E-05	5.04809E-05	6.3257E-05	1.12229E-05	0	1.46303E-06	5.82205E-06	0	1.78135E-05	3.23077E-05	0	0	6.75667E-06	2.17957E-06	0	4.7694E-05	1.53402E-05	0	0	0.0024657	0.000232426	0.000351997	0.000187533	0.000321775	6.81917E-05
578625.014141176.41	578625.01	4141176.41	0.001101224	0.001506121	0.000212113	0.0001368	6.46413E-06	1.17819E-06	0.000245626	4.82605E-06	2.10833E-05	7.34371E-05	2.73203E-05	4.95284E-05	1.12284E-05	5.37293E-07	0.000110375	3.40914E-05	0.000156781	0.000121932	3.92088E-05	2.00239E-05	8.89329E-07	3.21334E-05	0	8.33185E-05	5.37753E-05	6.73851E-05	1.19674E-05	0	1.50099E-06	6.18617E-06	0	1.8976E-05	3.44161E-05	0	0	7.17925E-06	2.31589E-06	0	5.08065E-05	1.63413E-05	0	0	0.0029349	0.00026444	0.000412101	0.000213265	0.000365927	7.64633E-05
578645.014141176.41	578645.01	4141176.41	0.001310425	0.001805772	0.000257596	0.0001662	7.50713E-06	1.36829E-06	0.000297403	5.76314E-06	2.42111E-05	8.37715E-05	3.08326E-05	5.58959E-05	1.2672E-05	6.06369E-07	0.000128596	3.97232E-05	0.000181885	0.000140746	4.52586E-05	2.31135E-05	1.02655E-06	3.45873E-05	0	8.96479E-05	5.78604E-05	7.25041E-05	1.28746E-05	0	1.62404E-06	6.6586E-06	0	2.04176E-05	3.70306E-05	0	0	7.72751E-06	2.49275E-06	0	5.46661E-05	1.75827E-05	0	0	0.003498	0.000304024	0.000484925	0.000242528	0.000419513	8.69813E-05
578665.014141176.41	578665.01	4141176.41	0.001570703	0.002202681	0.000315437	0.0002035	8.79129E-06	1.60235E-06	0.000362813	6.94421E-06	2.81528E-05	9.77129E-05	3.64659E-05	6.61085E-05	1.49872E-05	7.17157E-07	0.000150487	4.64879E-05	0.000211389	0.000163365	5.25319E-05	2.68279E-05	1.19152E-06	3.79102E-05	0	9.822E-05	6.3393E-05	7.94369E-05	1.41034E-05	0	1.7903E-06	7.2983E-06	0	2.23699E-05	4.05714E-05	0	0	8.46991E-06	2.73223E-06	0	5.98932E-05	1.92639E-05	0	0	0.004225	0.000355082	0.000579253	0.000281342	0.000483867	9.98153E-05
578685.014141176.41	578685.01	4141176.41	0.001896593	0.002695551	0.000389149	0.000251	1.03764E-05	1.89127E-06	0.000445172	8.5693E-06	3.3135E-05	0.000114632	4.26441E-05	7.73088E-05	1.75264E-05	8.3866E-07	0.000176804	5.46167E-05	0.000246804	0.000192917	6.20349E-05	3.16811E-05	1.40707E-06	4.21935E-05	0	0.000108941	7.03124E-05	8.81075E-05	1.56215E-05	0	2.08741E-06	8.12289E-06	0	2.48116E-05	4.49998E-05	0	0	9.42687E-06	3.04093E-06	0	6.64306E-05	2.13666E-05	0	0	0.0051324	0.000419802	0.000696686	0.000326904	0.00056381	0.00011649
578705.014141176.41	578705.01	4141176.41	0.002289112	0.003301083	0.000478547	0.0003087	1.22489E-05	2.23255E-06	0.000542956	1.03718E-05	3.91687E-05	0.000134937	4.98877E-05	9.04406E-05	2.05035E-05	9.81115E-07	0.000207148	6.3987E-05	0.000286374	0.000224597	7.22218E-05	3.68835E-05	1.63812E-06	4.6322E-05	0	0.000119537	7.71517E-05	9.66777E-05	1.71374E-05	0	2.30754E-06	8.91771E-06	0	2.7225E-05	4.9377E-05	0	0	1.03493E-05	3.33848E-06	0	7.28924E-05	2.34449E-05	0	0	0.0062346	0.000494746	0.000835142	0.0003788	0.000651188	0.000134188
578725.014141176.41	578725.01	4141176.41	0.002771155	0.004058144	0.000587786	0.0003791	1.45022E-05	2.64326E-06	0.000658617	1.25421E-05	4.65422E-05	0.000159452	5.85104E-05	0.000106073	2.40474E-05	1.15069E-06	0.000242857	7.50115E-05	0.000332354	0.000261754	8.41703E-05	4.29856E-05	1.90914E-06	5.10098E-05	0	0.00013155	8.49049E-05	0.000106393	1.88548E-05	0	2.56233E-06	9.82018E-06	0	2.99609E-05	5.43391E-05	0	0	1.13966E-05	3.67633E-06	0	8.02176E-05	2.5801E-05	0	0	0.0075996	0.000584929	0.000999506	0.000439863	0.000753014	0.000154866
578745.014141176.41	578745.01	4141176.41	0.003372283	0.005011088	0.000721232	0.0004652	1.72627E-05	3.1464E-06	0.000793399	1.51583E-05	5.55704E-05	0.000189128	6.89136E-05	0.000124932	2.8323E-05	1.35529E-06	0.000285751	8.82541E-05	0.000387012	0.000306026	9.84064E-05	5.0256E-05	2.23204E-06	5.65739E-05	0	0.00014579	9.40954E-05	0.00011791	2.08895E-05	0	2.86949E-06	1.08914E-05	0	3.3204E-05	6.0221E-05	0	0	1.26398E-05	4.07734E-06	0	8.89007E-05	2.85938E-05	0	0	0.009307	0.000694471	0.001193169	0.000513223	0.00087427	0.000179488
578765.014141176.41	578765.01	4141176.41	0.004095235	0.006154607	0.000874669	0.0005642	2.0529E-05	3.74173E-06	0.000938742	1.81497E-05	6.61535E-05	0.000223721	8.10535E-05	0.000146941	3.33124E-05	1.59404E-06	0.000335713	0.000103681	0.000450586	0.000356932	0.000114776	5.86158E-05	2.60333E-06	6.28442E-05	0	0.000161869	0.000104473	0.000130914	2.31888E-05	0	3.20756E-06	1.20985E-05	0	3.6866E-05	6.68626E-05	0	0	1.40407E-05	4.52925E-06	0	9.87054E-05	3.17473E-05	0	0	0.0113492	0.000820087	0.001406923	0.000598463	0.001014434	0.000207742
578785.014141176.41	578785.01	4141176.41	0.004986014	0.007520229	0.001050996	0.0006779	2.45282E-05	4.47066E-06	0.001092354	2.15963E-05	7.87657E-05	0.00026493	9.56793E-05	0.000173455	3.93235E-05	1.88168E-06	0.000395982	0.000122298	0.00052761	0.000417282	0.000134182	6.85265E-05	3.04349E-06	7.05154E-05	0	0.000181548	0.000117174	0.000146829	2.60034E-05	0	3.61916E-06	1.35753E-05	0	4.1348E-05	7.49914E-05	0	0	1.57546E-05	5.08212E-06	0	0.000110705	3.5607E-05	0	0	0.0138093	0.000966436	0.001642341	0.000701389	0.001182977	0.000241359
578805.014141176.41	578805.01	4141176.41	0.006060109	0.00906663	0.001242772	0.0008016	2.93759E-05	5.35423E-06	0.001241901	2.54194E-05	9.35962E-05	0.000313672	0.000113183	0.000205187	4.65172E-05	2.2259E-06	0.000467927	0.000144534	0.000620959	0.000487745	0.00015684	8.0098E-05	3.55743E-06	7.98663E-05	0	0.000205586	0.000132689	0.000166271	2.94445E-05	0	4.10819E-06	1.53755E-05	0	4.68229E-05	8.4921E-05	0	0	1.78437E-05	5.75605E-06	0	0.000125364	4.03217E-05	0	0	0.016655	0.001129938	0.001888877	0.000824622	0.001384358	0.000280818
578825.014141176.41	578825.01	4141176.41	0.007344493	0.010738816	0.001442698	0.0009306	3.53309E-05	6.43962E-06	0.001376232	2.95868E-05	0.000111334	0.00037236	0.000134509	0.00024385	5.52824E-05	2.64533E-06	0.000554606	0.000171344	0.000736162	0.000570501	0.000183452	9.36883E-05	4.16102E-06	9.1624E-05	0	0.000235886	0.000152245	0.000190776	3.3786E-05	0	4.7045E-06	1.7639E-05	0	5.37237E-05	9.74367E-05	0	0	2.04707E-05	6.60344E-06	0	0.00014384	4.62644E-05	0	0	0.0198535	0.001308908	0.002140315	0.000974292	0.001628451	0.000327565
578845.014141176.41	578845.01	4141176.41	0.008826942	0.012416278	0.001635929	0.0010552	4.26076E-05	7.76591E-06	0.001480568	3.39651E-05	0.000132799	0.000443544	0.000160562	0.000291081	6.599E-05	3.1577E-06	0.000657661	0.000203251	0.000877719	0.000666097	0.000214192	0.000109387	4.85826E-06	0.000106247	0	0.000273702	0.000176653	0.000221361	3.92121E-05	0	5.41261E-06	2.04542E-05	0	6.23365E-05	0.000113057	0	0	2.37377E-05	7.65733E-06	0	0.0001669	5.36813E-05	0	0	0.0232591	0.001495813	0.00238662	0.001154685	0.001921625	0.000382119
578865.014141176.41	578865.01	4141176.41	0.010392296	0.013875769	0.001796077	0.0011585	5.10332E-05	9.30162E-06	0.001536876	3.81696E-05	0.000158055	0.000527179	0.000191047	0.000346346	7.85191E-05	3.75723E-06	0.000772483	0.000238848	0.001042848	0.000769412	0.000247414	0.000126354	5.6118E-06	0.000123067	0	0.000317454	0.000204891	0.000256746	4.55041E-05	0	6.16348E-06	2.36924E-05	0	7.2301E-05	0.00013113	0	0	2.74957E-05	8.86958E-06	0	0.000193579	6.22623E-05	0	0	0.0265047	0.001671159	0.002608289	0.001359731	0.002253557	0.000441642
578885.014141176.41	578885.01	4141176.41	0.012023892	0.015048351	0.001917391	0.0012367	6.11144E-05	1.11391E-05	0.0015468	4.22508E-05	0.000189416	0.000630233	0.000228167	0.000413641	9.37752E-05	4.48725E-06	0.00090143	0.000278876	0.001237141	0.00088265	0.000283827	0.00014495	6.43772E-06	0.000142685	0	0.000368612	0.000237909	0.000298121	5.28687E-05	0	7.00649E-06	2.74691E-05	0	8.39525E-05	0.000152262	0	0	3.18788E-05	1.02835E-05	0	0.000224775	7.2296E-05	0	0	0.0295009	0.001833883	0.002819303	0.001597474	0.002633726	0.000507511
578905.014141176.41	578905.01	4141176.41	0.013609951	0.015807643	0.001985551	0.0012807	7.28847E-05	1.32844E-05	0.001510298	4.59996E-05	0.00022831	0.000757188	0.000272621	0.00049423	0.000112045	5.3615E-06	0.001037791	0.00032126	0.001454632	0.001000809	0.000321822	0.000164354	7.29952E-06	0.000163999	0	0.000424331	0.000273871	0.000343184	6.08974E-05	0	7.88776E-06	3.15724E-05	0	9.66425E-05	0.000175277	0	0	3.66407E-05	1.18196E-05	0	0.000258751	8.32241E-05	0	0	0.0319915	0.001970641	0.003024702	0.001861346	0.003047272	0.0005767
578925.014141176.41	578925.01	4141176.41	0.015076924	0.016120194	0.00199677	0.0012879	8.6541E-05	1.57735E-05	0.001436674	4.93515E-05	0.000277142	0.000915977	0.000325785	0.000590611	0.000133895	6.40705E-06	0.001173926	0.000363616	0.001687329	0.001119602	0.000360022	0.000183862	8.16596E-06	0.000186018	0	0.000481907	0.000311032	0.000389749	6.91947E-05	0	8.79453E-06	3.58114E-05	0	0.000109756	0.00019906	0	0	4.15602E-05	1.34065E-05	0	0.00029386	9.45165E-05	0	0	0.0338618	0.002075261	0.00324426	0.002145459	0.003477814	0.000646567
578945.014141176.41	578945.01	4141176.41	0.016356829	0.016003434	0.001952947	0.0012597	0.000102169	1.86219E-05	0.001338149	5.22501E-05	0.0003386	0.001115444	0.000388691	0.000704651	0.000159749	7.64419E-06	0.001299089	0.000402586	0.001921112	0.001232938	0.000396466	0.000202475	8.99259E-06	0.000207559	0	0.000538181	0.000347352	0.000435262	7.73013E-05	0	9.69486E-06	3.99583E-05	0	0.000122752	0.000222305	0	0	4.63729E-05	1.4959E-05	0	0.000328175	0.000105553	0	0	0.035059	0.002144455	0.003501282	0.002439812	0.00389977	0.000713487
578965.014141176.41	578965.01	4141176.41	0.017312225	0.015459557	0.001855791	0.001197	0.000118926	2.16761E-05	0.001222708	5.44072E-05	0.000412566	0.001355523	0.000458933	0.000831991	0.000188618	9.02559E-06	0.001396842	0.000433033	0.002128491	0.001329025	0.000427364	0.000218254	9.69341E-06	0.000226844	0	0.000588481	0.000379817	0.000475943	8.45429E-05	0	1.05212E-05	4.36711E-05	0	0.000134028	0.000243082	0	0	5.06816E-05	1.63489E-05	0	0.000358848	0.000115419	0	0	0.0354429	0.002171691	0.003798576	0.00272024	0.004265745	0.000770731
578985.014141176.41	578985.01	4141176.41	0.017897718	0.014594867	0.001719546	0.0011091	0.000136297	2.48423E-05	0.001102142	5.58129E-05	0.000499638	0.001638466	0.000535622	0.000971021	0.000220137	1.05338E-05	0.001459347	0.000452498	0.002290247	0.001402477	0.000450984	0.000230316	1.02291E-05	0.000243699	0	0.000632315	0.000408108	0.000511394	9.08465E-05	0	1.12752E-05	4.69158E-05	0	0.000144011	0.000261189	0	0	5.44472E-05	1.75636E-05	0	0.000385577	0.000124016	0	0	0.0350881	0.002164926	0.004149572	0.002976675	0.004548363	0.000815546
579005.014141176.41	579005.01	4141176.41	0.018031389	0.013486393	0.001556662	0.0010041	0.000152891	2.78668E-05	0.000982772	5.63071E-05	0.000595802	0.001953876	0.000614939	0.001114813	0.000252736	1.20937E-05	0.00148002	0.00045892	0.002386165	0.001446522	0.000465147	0.00023755	1.05504E-05	0.0002579	0	0.000669138	0.000431874	0.000541176	9.61355E-05	0	1.19386E-05	4.96498E-05	0	0.000152398	0.000276399	0	0	5.76201E-05	1.85871E-05	0	0.000408032	0.000131238	0	0	0.0340015	0.002130004	0.004541684	0.003193682	0.004718226	0.000844485
579025.014141176.41	579025.01	4141176.41	0.017744624	0.012272945	0.001386888	0.0008946	0.000167828	3.05894E-05	0.000873035	5.60279E-05	0.000697171	0.002295243	0.000695876	0.001261542	0.000286	1.36854E-05	0.00146285	0.000453542	0.002414273	0.001462316	0.000470226	0.000240143	1.06656E-05	0.000271116	0	0.000703257	0.000453895	0.000568769	0.000101028	0	1.25933E-05	5.2194E-05	0	0.000160169	0.000290492	0	0	6.05728E-05	1.95396E-05	0	0.000428837	0.00013793	0	0	0.0323788	0.00208505	0.004973926	0.003375143	0.004778507	0.000858964
579045.014141176.41	579045.01	4141176.41	0.017027718	0.011020544	0.001221038	0.0007876	0.000179121	3.26477E-05	0.00077419	5.48587E-05	0.000792521	0.002635514	0.000772721	0.001400854	0.000317583	1.51967E-05	0.001411376	0.000437477	0.002373023	0.001448742	0.000465861	0.000237914	1.05666E-05	0.000284185	0	0.000736888	0.000475601	0.000595969	0.000105844	0	1.3268E-05	5.471E-05	0	0.000167828	0.000304384	0	0	6.34926E-05	2.04815E-05	0	0.000449345	0.000144526	0	0	0.0302904	0.002038275	0.005404104	0.003512887	0.004729068	0.000858868
579065.014141176.41	579065.01	4141176.41	0.015918387	0.009778354	0.001065686	0.0006874	0.000184875	3.36964E-05	0.000685629	5.27019E-05	0.000867923	0.002935699	0.000838113	0.001519401	0.000344459	1.64827E-05	0.001332031	0.000412742	0.002268622	0.001406902	0.000452407	0.000231043	1.02614E-05	0.00029754	0	0.000771267	0.00049779	0.000623774	0.000110768	0	1.39549E-05	5.72811E-05	0	0.000175658	0.000318585	0	0	6.64765E-05	2.1444E-05	0	0.000470308	0.000151269	0	0	0.0278312	0.001993817	0.005771424	0.003597435	0.004580018	0.00084498
579085.014141176.41	579085.01	4141176.41	0.014502503	0.008580519	0.000923527	0.0005957	0.000183975	3.35324E-05	0.00060589	4.9546E-05	0.000910889	0.003151425	0.000884296	0.001603126	0.00036344	1.7391E-05	0.001232481	0.000381743	0.002113243	0.001339717	0.000430803	0.00022001	9.77139E-06	0.000311175	0	0.000806429	0.000520484	0.000652211	0.000115807	0	1.46399E-05	5.9906E-05	0	0.000183666	0.000333109	0	0	6.95227E-05	2.24267E-05	0	0.00049175	0.000158165	0	0	0.0251242	0.001952356	0.006009598	0.00361907	0.00434888	0.000818749
579105.014141176.41	579105.01	4141176.41	0.012943438	0.007479092	0.000798601	0.0005151	0.000177002	3.22615E-05	0.000535601	4.56767E-05	0.000917445	0.003257668	0.000908048	0.001646186	0.000373201	1.78581E-05	0.001123738	0.000347918	0.001928521	0.001255046	0.000403575	0.000206105	9.15383E-06	0.000325955	0	0.00084462	0.000545133	0.000683099	0.000121285	0	1.53638E-05	6.27515E-05	0	0.000192365	0.000348885	0	0	7.2825E-05	2.34919E-05	0	0.000515038	0.000165656	0	0	0.0223917	0.001920342	0.006088466	0.003582693	0.004070015	0.00078449
579125.014141176.41	579125.01	4141176.41	0.011372597	0.006493514	0.00069081	0.0004456	0.000165215	3.01131E-05	0.000473966	4.1374E-05	0.000888675	0.003241244	0.000907292	0.001644814	0.000372891	1.78432E-05	0.001013751	0.000313747	0.001733175	0.001159547	0.000372867	0.000190422	8.4573E-06	0.000342066	0	0.000886315	0.000572044	0.000716821	0.00012727	0	1.61364E-05	6.58531E-05	0	0.000201861	0.000366108	0	0	7.64245E-05	2.46531E-05	0	0.000540463	0.000173833	0	0	0.0197853	0.00189966	0.005993783	0.003491831	0.003771586	0.000745579
579145.014141176.41	579145.01	4141176.41	0.009884657	0.005627806	0.000598555	0.0003861	0.000150305	2.73955E-05	0.000419961	3.69185E-05	0.000830977	0.003108393	0.00088262	0.001600088	0.000362751	1.7358E-05	0.000907847	0.000280886	0.001542316	0.00105901	0.000340538	0.000173912	7.72402E-06	0.000359375	0	0.000931152	0.000600982	0.000753083	0.000133707	0	1.69557E-05	6.91853E-05	0	0.000212072	0.000384628	0	0	8.02916E-05	2.59005E-05	0	0.000567804	0.000182627	0	0	0.0174015	0.001890445	0.005738187	0.003352963	0.003475917	0.000704801
579165.014141176.41	579165.01	4141176.41	0.008525377	0.004872962	0.000519309	0.000335	0.000133818	2.43905E-05	0.000372315	3.25186E-05	0.000753518	0.00288079	0.000836668	0.001516782	0.000343865	1.64543E-05	0.000808377	0.00025006	0.001365005	0.000957306	0.000307834	0.00015721	6.98223E-06	0.000377265	0	0.000977516	0.000630907	0.00079058	0.000140366	0	1.7797E-05	7.26294E-05	0	0.000222632	0.00040378	0	0	8.42886E-05	2.71899E-05	0	0.000596076	0.00019172	0	0	0.0152724	0.001890265	0.005353624	0.003173546	0.003195636	0.000663746
579185.014141176.41	579185.01	4141176.41	0.007360804	0.004239851	0.000453847	0.0002927	0.000117775	2.14664E-05	0.000331851	2.85172E-05	0.000669927	0.002604346	0.000777666	0.001409819	0.000319616	1.5294E-05	0.000720409	0.000222824	0.001211942	0.000862138	0.000277231	0.000141581	6.28811E-06	0.000397472	0	0.00102986	0.00066469	0.000832914	0.000147881	0	1.87541E-05	7.65196E-05	0	0.000234553	0.000425401	0	0	8.88034E-05	2.86462E-05	0	0.000627995	0.000201987	0	0	0.0134818	0.001908116	0.004911482	0.002979342	0.002953545	0.000627087
579205.014141176.41	579205.01	4141176.41	0.006344887	0.003694982	0.000397737	0.0002565	0.000102491	1.86807E-05	0.000296226	2.48585E-05	0.000586416	0.002303741	0.000708529	0.001284481	0.000291201	1.39343E-05	0.000640608	0.000198136	0.001077889	0.000771989	0.000248242	0.000126777	5.6306E-06	0.00041803	0	0.001083098	0.000699051	0.000875971	0.000155524	0	1.97306E-05	8.04772E-05	0	0.000246678	0.000447392	0	0	9.33963E-05	3.01278E-05	0	0.000660458	0.000212428	0	0	0.0119387	0.001934058	0.004440862	0.002771012	0.0027386	0.000593078
579225.014141176.41	579225.01	4141176.41	0.005481921	0.00323401	0.000350502	0.0002261	8.87729E-05	1.61803E-05	0.000265443	2.1653E-05	0.000510358	0.002013536	0.000636237	0.001153423	0.000261489	1.25125E-05	0.000570052	0.000176317	0.000962748	0.000690002	0.000221879	0.000113313	5.03261E-06	0.000439755	0	0.001139325	0.000735341	0.000921446	0.000163594	0	2.07719E-05	8.46597E-05	0	0.000259484	0.000470618	0	0	9.82502E-05	3.16936E-05	0	0.000694745	0.000223456	0	0	0.0106455	0.001971638	0.003991918	0.002566344	0.002555505	0.00056368
578385.014141196.41	578385.01	4141196.41	0.000192073	0.000214365	2.82992E-05	1.825E-05	1.50926E-06	2.75086E-07	3.12045E-05	7.93337E-07	5.53214E-06	1.9733E-05	7.26789E-06	1.31758E-05	2.98705E-06	1.42934E-07	2.21693E-05	6.85056E-06	3.37067E-05	2.57319E-05	8.27442E-06	4.22573E-06	1.87679E-07	1.5564E-05	0	4.05606E-05	2.61786E-05	3.2804E-05	5.83749E-06	0	6.75395E-07	2.99631E-06	0	9.2378E-06	1.67543E-05	0	0	3.47731E-06	1.12171E-06	0	2.47333E-05	7.95517E-06	0	0	0.0004909	7.87452E-05	8.35528E-05	5.87067E-05	9.21442E-05	2.0643E-05
578405.014141196.41	578405.01	4141196.41	0.000213604	0.000242029	3.20697E-05	2.069E-05	1.64571E-06	2.99958E-07	3.57791E-05	8.87872E-07	6.0424E-06	2.15275E-05	7.85895E-06	1.42474E-05	3.22997E-06	1.54558E-07	2.45833E-05	7.59595E-06	3.71027E-05	2.85354E-05	9.1759E-06	4.68611E-06	2.08126E-07	1.6279E-05	0	4.24168E-05	2.73766E-05	3.43052E-05	6.10422E-06	0	7.08256E-07	3.13396E-06	0	9.66053E-06	1.7521E-05	0	0	3.63706E-06	1.17324E-06	0	2.58652E-05	8.31921E-06	0	0	0.0005464	8.40128E-05	9.20028E-05	6.33732E-05	0.000100272	2.23894E-05
578425.014141196.41	578425.01	4141196.41	0.000239483	0.000275601	3.67202E-05	2.368E-05	1.80773E-06	3.29488E-07	4.14506E-05	1.00281E-06	6.64656E-06	2.36365E-05	8.55461E-06	1.55085E-05	3.51588E-06	1.68239E-07	2.74282E-05	8.47401E-06	4.10379E-05	3.18655E-05	1.02467E-05	5.23298E-06	2.32415E-07	1.72152E-05	0	4.48565E-05	2.89512E-05	3.62783E-05	6.45533E-06	0	7.48921E-07	3.3142E-06	0	1.02162E-05	1.85287E-05	0	0	3.84623E-06	1.24072E-06	0	2.73529E-05	8.79771E-06	0	0	0.0006139	9.07222E-05	0.000102355	6.89958E-05	0.000109971	2.45098E-05
578445.014141196.41	578445.01	4141196.41	0.000269902	0.000315804	4.31683E-05	2.784E-05	1.99366E-06	3.63376E-07	4.92939E-05	1.13951E-06	7.33622E-06	2.6023E-05	9.34512E-06	1.69416E-05	3.84078E-06	1.83786E-07	3.07226E-05	9.49052E-06	4.55484E-05	3.57221E-05	1.14869E-05	5.86633E-06	2.60544E-07	1.81396E-05	0	4.72578E-05	3.05011E-05	3.82205E-05	6.80051E-06	0	7.90936E-07	3.49215E-06	0	1.07631E-05	1.95206E-05	0	0	4.05275E-06	1.30734E-06	0	2.88172E-05	9.26868E-06	0	0	0.0006943	9.85592E-05	0.000115348	7.52621E-05	0.000120886	2.68825E-05
578465.014141196.41	578465.01	4141196.41	0.000307974	0.000365128	5.01962E-05	3.238E-05	2.21256E-06	4.03275E-07	5.79076E-05	1.30562E-06	8.13141E-06	2.87557E-05	1.02597E-05	1.85996E-05	4.21666E-06	2.01772E-07	3.46161E-05	1.06917E-05	5.08497E-05	4.02862E-05	1.29545E-05	6.61584E-06	2.93832E-07	1.92626E-05	0	5.01003E-05	3.23356E-05	4.05194E-05	7.20486E-06	0	8.60862E-07	3.70834E-06	0	1.14105E-05	2.06948E-05	0	0	4.30365E-06	1.38827E-06	0	3.05505E-05	9.82618E-06	0	0	0.0007927	0.000107445	0.000129948	8.26326E-05	0.000133766	2.96904E-05
578485.014141196.41	578485.01	4141196.41	0.000352423	0.000426419	5.89049E-05	3.799E-05	2.52258E-06	4.5978E-07	6.85537E-05	1.50865E-06	9.10257E-06	3.18869E-05	1.13299E-05	2.05398E-05	4.65652E-06	2.2282E-07	3.92629E-05	1.21253E-05	5.71915E-05	4.57124E-05	1.46994E-05	7.50694E-06	3.33409E-07	2.04686E-05	0	5.32145E-05	3.43456E-05	4.3038E-05	7.65144E-06	0	9.20433E-07	3.94052E-06	0	1.21197E-05	2.19811E-05	0	0	4.57309E-06	1.47519E-06	0	3.24495E-05	1.0437E-05	0	0	0.0009114	0.000117901	0.000147474	9.12363E-05	0.000148954	3.29767E-05
578505.014141196.41	578505.01	4141196.41	0.000406405	0.000502713	6.96783E-05	4.494E-05	2.83424E-06	5.16585E-07	8.16686E-05	1.75594E-06	1.01458E-05	3.54407E-05	1.25729E-05	2.27931E-05	5.16736E-06	2.47264E-07	4.54637E-05	1.40358E-05	6.47953E-05	5.21195E-05	1.67597E-05	8.55913E-06	3.8014E-07	2.1765E-05	0	5.65745E-05	3.65142E-05	4.57555E-05	8.13397E-06	0	9.81355E-07	4.1901E-06	0	1.2885E-05	2.33691E-05	0	0	4.86274E-06	1.56862E-06	0	3.44984E-05	1.1096E-05	0	0	0.0010571	0.000130047	0.000168291	0.000101903	0.000167018	3.67949E-05
578525.014141196.41	578525.01	4141196.41	0.000477208	0.000599099	8.31876E-05	5.366E-05	3.20774E-06	5.84662E-07	9.80119E-05	2.0616E-06	1.13461E-05	3.95382E-05	1.40493E-05	2.54698E-05	5.77417E-06	2.763E-07	5.22203E-05	1.61207E-05	7.41322E-05	5.98019E-05	1.923E-05	9.82074E-06	4.36173E-07	2.33301E-05	0	6.06208E-05	3.91258E-05	4.9028E-05	8.7145E-06	0	1.05743E-06	4.4914E-06	0	1.38066E-05	2.50405E-05	0	0	5.21241E-06	1.68142E-06	0	3.69658E-05	1.18896E-05	0	0	0.0012434	0.000145019	0.000193662	0.000113993	0.000188702	4.13765E-05
578545.014141196.41	578545.01	4141196.41	0.000559107	0.000722425	9.99712E-05	6.448E-05	3.65091E-06	6.65437E-07	0.000118152	2.4771E-06	1.27207E-05	4.44487E-05	1.6073E-05	2.91385E-05	6.6059E-06	3.161E-07	6.03105E-05	1.8618E-05	8.58209E-05	7.00916E-05	2.25388E-05	1.15105E-05	5.11222E-07	2.50187E-05	0	6.49769E-05	4.19373E-05	5.25511E-05	9.33892E-06	0	1.14191E-06	4.81648E-06	0	1.47987E-05	2.68398E-05	0	0	5.58968E-06	1.80312E-06	0	3.96221E-05	1.27439E-05	0	0	0.0014715	0.000162622	0.000224633	0.000128801	0.000215956	4.73045E-05
578565.014141196.41	578565.01	4141196.41	0.000659686	0.000871528	0.000120871	7.796E-05	4.17983E-06	7.61841E-07	0.000143028	2.93791E-06	1.4305E-05	4.99204E-05	1.81503E-05	3.29043E-05	7.45963E-06	3.56952E-07	7.0008E-05	2.16127E-05	9.9544E-05	8.08356E-05	2.59937E-05	1.32749E-05	5.89585E-07	2.70108E-05	0	6.98731E-05	4.50974E-05	5.65109E-05	1.0027E-05	0	1.30277E-06	5.19999E-06	0	1.59138E-05	2.88623E-05	0	0	6.03475E-06	1.94669E-06	0	4.26077E-05	1.37042E-05	0	0	0.001749	0.000183751	0.000261547	0.000145626	0.000246547	5.35624E-05
578585.014141196.41	578585.01	4141196.41	0.0007824	0.001054601	0.000146739	9.465E-05	4.80728E-06	8.76204E-07	0.000173572	3.49927E-06	1.614E-05	5.62682E-05	2.05996E-05	3.73448E-05	8.46631E-06	4.05123E-07	8.15625E-05	2.51822E-05	0.000116004	9.34073E-05	3.00363E-05	1.53395E-05	6.81278E-07	2.89103E-05	0	7.47633E-05	4.82536E-05	6.04659E-05	1.07274E-05	0	1.40031E-06	5.56567E-06	0	1.70275E-05	3.08823E-05	0	0	6.45913E-06	2.08359E-06	0	4.55897E-05	1.46633E-05	0	0	0.0020874	0.000208175	0.000305677	0.00016512	0.000282267	6.07203E-05
578605.014141196.41	578605.01	4141196.41	0.00093063	0.001276591	0.000178462	0.0001151	5.54686E-06	1.011E-06	0.000210775	4.17766E-06	1.82691E-05	6.36544E-05	2.34723E-05	4.25525E-05	9.64694E-06	4.61617E-07	9.51754E-05	2.93892E-05	0.000135402	0.000107956	3.47147E-05	1.77287E-05	7.87393E-07	3.07277E-05	0	7.96603E-05	5.14142E-05	6.44264E-05	1.14412E-05	0	1.43872E-06	5.91556E-06	0	1.81428E-05	3.2905E-05	0	0	6.86519E-06	2.21458E-06	0	4.85758E-05	1.56238E-05	0	0	0.0024961	0.000236498	0.000358298	0.000187607	0.000323538	6.88546E-05
578625.014141196.41	578625.01	4141196.41	0.001111679	0.001541919	0.000217969	0.0001406	6.43321E-06	1.17255E-06	0.000256848	4.93154E-06	2.08183E-05	7.24898E-05	2.69068E-05	4.87788E-05	1.10585E-05	5.29161E-07	0.000111373	3.43959E-05	0.000157726	0.000123393	3.96787E-05	2.02638E-05	8.99985E-07	3.28823E-05	0	8.52634E-05	5.50306E-05	6.8958E-05	1.22469E-05	0	1.53521E-06	6.33035E-06	0	1.9419E-05	3.52195E-05	0	0	7.34657E-06	2.36986E-06	0	5.19925E-05	1.67227E-05	0	0	0.0029897	0.000271014	0.000422698	0.000214306	0.000369877	7.75652E-05
578645.014141196.41	578645.01	4141196.41	0.001339222	0.001893412	0.000268836	0.0001734	7.53351E-06	1.3731E-06	0.000315852	6.06895E-06	2.40106E-05	8.35001E-05	3.11561E-05	5.64824E-05	1.28049E-05	6.12731E-07	0.000131129	4.05019E-05	0.000185492	0.000145728	4.68607E-05	2.39316E-05	1.06289E-06	3.61353E-05	0	9.35161E-05	6.0357E-05	7.56325E-05	1.3422E-05	0	1.73298E-06	6.9566E-06	0	2.12985E-05	3.86284E-05	0	0	8.07334E-06	2.6043E-06	0	5.70249E-05	1.83413E-05	0	0	0.0036311	0.000316926	0.000505371	0.000247731	0.000431351	9.01966E-05
578665.014141196.41	578665.01	4141196.41	0.001624143	0.002330336	0.000334144	0.0002155	8.89271E-06	1.62084E-06	0.000391039	7.40623E-06	2.80214E-05	9.72678E-05	3.63808E-05	6.59541E-05	1.49523E-05	7.15482E-07	0.000155006	4.78801E-05	0.000217692	0.000170608	5.48621E-05	2.80175E-05	1.24435E-06	3.98883E-05	0	0.000103017	6.64891E-05	8.33167E-05	1.47736E-05	0	1.96631E-06	7.67912E-06	0	2.34624E-05	4.2553E-05	0	0	8.91186E-06	2.87479E-06	0	6.28185E-05	2.02048E-05	0	0	0.0044315	0.000374225	0.000609617	0.000288093	0.000501873	0.000104328
578685.014141196.41	578685.01	4141196.41	0.00196678	0.002866391	0.000414111	0.0002671	1.04955E-05	1.91298E-06	0.00048189	9.01992E-06	3.28778E-05	0.00011385	4.25249E-05	7.70927E-05	1.74775E-05	8.36316E-07	0.000182575	5.63971E-05	0.000254239	0.000199262	6.40753E-05	3.27231E-05	1.45334E-06	4.37101E-05	0	0.000112842	7.28305E-05	9.1263E-05	1.61801E-05	0	2.16603E-06	8.41487E-06	0	2.57002E-05	4.66115E-05	0	0	9.76571E-06	3.15023E-06	0	6.88098E-05	2.21318E-05	0	0	0.0054038	0.000441695	0.000734536	0.000334359	0.000581859	0.000120383
578705.014141196.41	578705.01	4141196.41	0.002390367	0.003542676	0.000514016	0.0003315	1.24385E-05	2.26711E-06	0.00059294	1.10032E-05	3.89191E-05	0.000134269	4.99217E-05	9.05023E-05	2.05175E-05	9.81785E-07	0.000215157	6.64598E-05	0.000296736	0.00023309	7.49529E-05	3.82783E-05	1.70007E-06	4.80542E-05	0	0.000124004	8.00343E-05	0.00010029	1.77775E-05	0	2.39472E-06	9.25117E-06	0	2.82422E-05	5.12219E-05	0	0	1.07363E-05	3.46331E-06	0	7.56159E-05	2.43209E-05	0	0	0.0066191	0.000524309	0.000886986	0.000389117	0.000675365	0.000139252
578725.014141196.41	578725.01	4141196.41	0.002917391	0.004399704	0.000637974	0.0004115	1.48036E-05	2.69819E-06	0.000726085	1.34231E-05	4.64231E-05	0.000159333	5.88363E-05	0.000106663	2.41813E-05	1.1571E-06	0.000253867	7.84118E-05	0.00034655	0.000273149	8.78343E-05	4.48568E-05	1.99224E-06	5.3058E-05	0	0.000136839	8.83185E-05	0.000110671	1.96132E-05	0	2.66346E-06	1.02145E-05	0	3.11655E-05	5.65238E-05	0	0	1.18542E-05	3.82394E-06	0	8.34427E-05	2.68383E-05	0	0	0.008145	0.000625293	0.001070455	0.000454246	0.000785378	0.000161522
578745.014141196.41	578745.01	4141196.41	0.003577788	0.005483304	0.000790097	0.0005096	1.77054E-05	3.2271E-06	0.000881502	1.6348E-05	5.57029E-05	0.000189925	6.96263E-05	0.000126224	2.86159E-05	1.3693E-06	0.000300345	9.27615E-05	0.000405693	0.00032088	0.000103183	5.26952E-05	2.34038E-06	5.89633E-05	0	0.00015196	9.80778E-05	0.0001229	2.17743E-05	0	2.98743E-06	1.13513E-05	0	3.46093E-05	6.27697E-05	0	0	1.31736E-05	4.24954E-06	0	9.26632E-05	2.9804E-05	0	0	0.0100621	0.000748305	0.001287053	0.000532498	0.000916247	0.000188022
578765.014141196.41	578765.01	4141196.41	0.00440559	0.006828261	0.000972376	0.0006272	2.12838E-05	3.87931E-06	0.001055317	1.98192E-05	6.70686E-05	0.000227005	8.27148E-05	0.000149952	3.39952E-05	1.62671E-06	0.000356569	0.000110122	0.000476793	0.000377889	0.000121515	6.20573E-05	2.75618E-06	6.60627E-05	0	0.000170136	0.000109809	0.0001376	2.4372E-05	0	3.37742E-06	1.27181E-05	0	3.8749E-05	7.02778E-05	0	0	1.47597E-05	4.76121E-06	0	0.000103747	3.33689E-05	0	0	0.0124424	0.000895887	0.001535019	0.00062718	0.001073311	0.000219697
578785.014141196.41	578785.01	4141196.41	0.005409974	0.00840392	0.001177064	0.0007592	2.55803E-05	4.66242E-06	0.00123342	2.37273E-05	8.05004E-05	0.000270671	9.81992E-05	0.000178024	4.03592E-05	1.93123E-06	0.00042296	0.000130629	0.000561159	0.000444015	0.000142778	7.29167E-05	3.23848E-06	7.4375E-05	0	0.000191464	0.000123575	0.00015485	2.74227E-05	0	3.82233E-06	1.43183E-05	0	4.36065E-05	7.90876E-05	0	0	1.66169E-05	5.36028E-06	0	0.000116752	3.7552E-05	0	0	0.0152568	0.001063224	0.00180035	0.000738979	0.001257915	0.000256486
578805.014141196.41	578805.01	4141196.41	0.006644561	0.010202712	0.00140247	0.0009046	3.08959E-05	5.63127E-06	0.001407315	2.81142E-05	9.66467E-05	0.00032332	0.000117086	0.000212264	4.81217E-05	2.30268E-06	0.000503657	0.000155569	0.000665011	0.000522569	0.000168038	8.58168E-05	3.81142E-06	8.47897E-05	0	0.000218222	0.000140844	0.00017649	3.12519E-05	0	4.37108E-06	1.63233E-05	0	4.97006E-05	9.01401E-05	0	0	1.89437E-05	6.11088E-06	0	0.000133069	4.27998E-05	0	0	0.0185528	0.001252839	0.00207976	0.00087543	0.001482328	0.000300466
578825.014141196.41	578825.01	4141196.41	0.008108395	0.012107255	0.001632401	0.0010529	3.73814E-05	6.81337E-06	0.001557126	3.2807E-05	0.00011586	0.000386422	0.000139929	0.000253674	5.75097E-05	2.75191E-06	0.000600089	0.000185395	0.000792232	0.0006139	0.000197407	0.000100815	4.47756E-06	9.76809E-05	0	0.000251471	0.000162304	0.000203381	3.60177E-05	0	5.01767E-06	1.88051E-05	0	5.72732E-05	0.000103874	0	0	2.18239E-05	7.03996E-06	0	0.000153344	4.9321E-05	0	0	0.0221972	0.001455983	0.002356071	0.001039724	0.001751911	0.000352021
578845.014141196.41	578845.01	4141196.41	0.009801603	0.013989444	0.001851908	0.0011945	4.53775E-05	8.27078E-06	0.001667828	3.77105E-05	0.000139235	0.000463577	0.000168059	0.000304671	6.90711E-05	3.30513E-06	0.000715571	0.00022115	0.000949649	0.000720019	0.000231531	0.000118242	5.25155E-06	0.000113908	0	0.000293464	0.000189407	0.000237343	4.20447E-05	0	5.7963E-06	2.1929E-05	0	6.68372E-05	0.00012122	0	0	2.54493E-05	8.20946E-06	0	0.00017895	5.75571E-05	0	0	0.0260503	0.001666629	0.002621287	0.001239288	0.002077978	0.000412582
578865.014141196.41	578865.01	4141196.41	0.011648378	0.015650717	0.002037607	0.0013143	5.50778E-05	1.00388E-05	0.001724015	4.25818E-05	0.000167878	0.000558033	0.000202491	0.000367093	8.32226E-05	3.9823E-06	0.000849595	0.000262699	0.001140016	0.000839478	0.000269946	0.00013786	6.12284E-06	0.0001335	0	0.000344391	0.000222276	0.000278531	4.93667E-05	0	6.67967E-06	2.57008E-05	0	7.84359E-05	0.000142256	0	0	2.98266E-05	9.62149E-06	0	0.000210005	6.75454E-05	0	0	0.0298146	0.001870164	0.002865221	0.001475976	0.002461819	0.000481473
578885.014141196.41	578885.01	4141196.41	0.01349116	0.01686597	0.002163596	0.0013955	6.63632E-05	1.20958E-05	0.001716381	4.70464E-05	0.00020248	0.000671651	0.000243338	0.000441144	0.00010001	4.7856E-06	0.000995329	0.000307942	0.00135808	0.000966026	0.000310638	0.000158642	7.04583E-06	0.000155388	0	0.000401531	0.000259155	0.000324744	5.75959E-05	0	7.6046E-06	2.99146E-05	0	9.14498E-05	0.000165859	0	0	3.47168E-05	1.1199E-05	0	0.000244848	7.87523E-05	0	0	0.0330776	0.002045806	0.003079556	0.001741844	0.002888095	0.000555078
578905.014141196.41	578905.01	4141196.41	0.0152809	0.017596247	0.002226021	0.0014358	7.97775E-05	1.45407E-05	0.001655934	5.1158E-05	0.000246138	0.000813897	0.000293162	0.000531469	0.000120488	5.76548E-06	0.001150683	0.000356231	0.001604139	0.001099451	0.000353542	0.000180553	8.01898E-06	0.000179239	0	0.000463907	0.000299414	0.000375192	6.65855E-05	0	8.58401E-06	3.45062E-05	0	0.000105656	0.000191625	0	0	4.00455E-05	1.29179E-05	0	0.000282884	9.09862E-05	0	0	0.0357463	0.002190192	0.003290162	0.002040076	0.003355624	0.0006331
578925.014141196.41	578925.01	4141196.41	0.016920859	0.01780767	0.002220224	0.0014321	9.55264E-05	1.74112E-05	0.001555358	5.48182E-05	0.000301674	0.00099381	0.000353478	0.000640814	0.000145277	6.95166E-06	0.001305021	0.000404253	0.001867112	0.001233594	0.000396677	0.000202582	8.99737E-06	0.000203589	0	0.000527582	0.000340511	0.00042669	7.57618E-05	0	9.58607E-06	3.9194E-05	0	0.000120158	0.000217927	0	0	4.54858E-05	1.46729E-05	0	0.000321713	0.000103475	0	0	0.0376799	0.002294796	0.003521249	0.002361476	0.003841344	0.000711732
578945.014141196.41	578945.01	4141196.41	0.018308427	0.01751531	0.002148064	0.0013855	0.000113518	2.06905E-05	0.001429238	5.78881E-05	0.000371643	0.001219811	0.000424712	0.000769953	0.000174554	8.35259E-06	0.001442902	0.000447184	0.002126593	0.001359032	0.000437013	0.000223182	9.91227E-06	0.000226653	0	0.000587832	0.000379397	0.000475418	8.44409E-05	0	1.05509E-05	4.36342E-05	0	0.00013388	0.000242814	0	0	5.06388E-05	1.63351E-05	0	0.000358452	0.000115292	0	0	0.0387863	0.002353858	0.003796488	0.002689213	0.004307596	0.000785399
578965.014141196.41	578965.01	4141196.41	0.019343944	0.016783212	0.002018884	0.0013022	0.000133268	2.42902E-05	0.001291107	6.02201E-05	0.000457663	0.001497117	0.000505894	0.000917127	0.000207919	9.94916E-06	0.001548523	0.000480081	0.002355694	0.001465315	0.00047119	0.000240636	1.06875E-05	0.000247148	0	0.000641225	0.000413859	0.000518601	9.21244E-05	0	1.14449E-05	4.75799E-05	0	0.000146041	0.000264869	0	0	5.52179E-05	1.78122E-05	0	0.000391011	0.000125764	0	0	0.0390344	0.00236793	0.004133481	0.003003605	0.004709913	0.000848277
578985.014141196.41	578985.01	4141196.41	0.019875608	0.015664153	0.00184307	0.0011888	0.000153175	2.79187E-05	0.001148402	6.14858E-05	0.000556716	0.001816944	0.000592126	0.001073456	0.00024336	1.1645E-05	0.001606659	0.000498183	0.002520814	0.001539857	0.00049516	0.000252877	1.12311E-05	0.000263812	0	0.000684567	0.000441832	0.000553653	9.83572E-05	0	1.21898E-05	5.0788E-05	0	0.000155912	0.000282772	0	0	5.8941E-05	1.90132E-05	0	0.00041744	0.000134264	0	0	0.0383312	0.002337461	0.004520839	0.003276832	0.004995307	0.000893532
579005.014141196.41	579005.01	4141196.41	0.019952649	0.014359593	0.001648488	0.0010633	0.00017296	3.15247E-05	0.001015634	6.1969E-05	0.000669517	0.002184324	0.000684707	0.001241293	0.00028141	1.34658E-05	0.001619732	0.000502232	0.002615136	0.001583938	0.000509335	0.000260116	1.15527E-05	0.000278545	0	0.000722665	0.000466421	0.000584466	0.000103824	0	1.29036E-05	5.36242E-05	0	0.000164589	0.000298509	0	0	6.22325E-05	2.0075E-05	0	0.000440671	0.000141736	0	0	0.0369619	0.00228714	0.004982616	0.003516642	0.005162052	0.00092274
579025.014141196.41	579025.01	4141196.41	0.019534107	0.012968205	0.001452387	0.0009368	0.00019061	3.47417E-05	0.000896616	6.15734E-05	0.000788065	0.00258231	0.000779359	0.001412888	0.000320311	1.53273E-05	0.001589183	0.00049268	0.002629713	0.001594765	0.000512816	0.000261894	1.16316E-05	0.000292537	0	0.000758702	0.00048968	0.000613612	0.000108986	0	1.36182E-05	5.63179E-05	0	0.000172796	0.000313395	0	0	6.53586E-05	2.10834E-05	0	0.000462646	0.000148804	0	0	0.0350059	0.002230707	0.005494387	0.003716463	0.005200888	0.000935146
579045.014141196.41	579045.01	4141196.41	0.018555638	0.011523023	0.001261925	0.000814	0.000202786	3.69609E-05	0.000788835	5.99368E-05	0.000894606	0.002965342	0.000865672	0.001569362	0.000355785	1.70247E-05	0.001517373	0.000470281	0.002558816	0.0015683	0.000504306	0.000257548	1.14386E-05	0.000305782	0	0.000792757	0.00051166	0.000641154	0.000113861	0	1.43093E-05	5.88677E-05	0	0.000180553	0.000327462	0	0	6.83178E-05	2.2038E-05	0	0.000483413	0.000155484	0	0	0.0324391	0.002169555	0.005978943	0.003855324	0.005102847	0.000928776
579065.014141196.41	579065.01	4141196.41	0.017158297	0.010130246	0.00108991	0.000703	0.000208015	3.79141E-05	0.000694723	5.72111E-05	0.000976104	0.003299081	0.000938509	0.001701407	0.000385721	1.84572E-05	0.001418148	0.000439362	0.002421529	0.001511714	0.00048611	0.000248255	1.10259E-05	0.000320081	0	0.000829578	0.000535425	0.000670933	0.000119135	0	1.5042E-05	6.16206E-05	0	0.000188939	0.000342671	0	0	7.15126E-05	2.30686E-05	0	0.000505865	0.000162705	0	0	0.0295281	0.002117377	0.006388284	0.003937916	0.004901539	0.000908097
579085.014141196.41	579085.01	4141196.41	0.015404678	0.008786435	0.000933182	0.0006019	0.000204517	3.72765E-05	0.000609437	5.32034E-05	0.001014518	0.003516857	0.000985091	0.001785855	0.000404865	1.93733E-05	0.001297231	0.00040173	0.002227739	0.001425463	0.000458375	0.000234091	1.03968E-05	0.000334175	0	0.000865969	0.000558912	0.000700365	0.000124354	0	1.57384E-05	6.43338E-05	0	0.000197227	0.000357703	0	0	7.46614E-05	2.40843E-05	0	0.000528056	0.000169843	0	0	0.0263244	0.002065707	0.006618035	0.003939689	0.004607073	0.000872706
579105.014141196.41	579105.01	4141196.41	0.013539073	0.007572158	0.000798355	0.0005149	0.000193824	3.53275E-05	0.000535164	4.8432E-05	0.001008953	0.003599755	0.001004168	0.001820439	0.000412706	1.97485E-05	0.001169815	0.000362122	0.002008367	0.001321663	0.000424997	0.000217045	9.63971E-06	0.000349637	0	0.000905963	0.000584725	0.000732711	0.000130093	0	1.64856E-05	6.73106E-05	0	0.000206335	0.000374223	0	0	7.8116E-05	2.51987E-05	0	0.000552444	0.000177687	0	0	0.0231652	0.002026207	0.006652024	0.003875048	0.004269794	0.000829368
579125.014141196.41	579125.01	4141196.41	0.011729214	0.006510863	0.000685008	0.0004418	0.000178017	3.24464E-05	0.0004712	4.3312E-05	0.000963471	0.003540027	0.000994691	0.001803259	0.000408811	1.95621E-05	0.001045418	0.0003235	0.001786493	0.001209276	0.000388858	0.000198589	8.82001E-06	0.000366957	0	0.00095081	0.00061367	0.000768982	0.000136531	0	1.73103E-05	7.0645E-05	0	0.00021655	0.000392748	0	0	8.19857E-05	2.6447E-05	0	0.000579791	0.000186483	0	0	0.0202429	0.002002507	0.006486183	0.003751785	0.003925508	0.000782749
579145.014141196.41	579145.01	4141196.41	0.01008977	0.005607375	0.000591214	0.0003813	0.000159635	2.9096E-05	0.000416663	3.82465E-05	0.000888664	0.003355212	0.000959298	0.001739096	0.000394265	1.8866E-05	0.000930417	0.000287837	0.001579876	0.001096302	0.000352529	0.000180036	7.99601E-06	0.000386645	0	0.001001794	0.000646576	0.000810216	0.00014385	0	1.82459E-05	7.44351E-05	0	0.000228161	0.000413808	0	0	8.63842E-05	2.78659E-05	0	0.000610881	0.000196482	0	0	0.0176768	0.001997767	0.006151873	0.003582835	0.003602762	0.000737043
579165.014141196.41	579165.01	4141196.41	0.008625563	0.004830464	0.000511505	0.0003299	0.00014021	2.55555E-05	0.000368863	3.33619E-05	0.000795055	0.003069885	0.000900345	0.00163222	0.000370035	1.77066E-05	0.000824125	0.000254914	0.001392458	0.00098437	0.000316536	0.000161654	7.17962E-06	0.000407134	0	0.001054871	0.000680833	0.000853143	0.000151471	0	1.92154E-05	7.83796E-05	0	0.00024025	0.000435733	0	0	9.09619E-05	2.93426E-05	0	0.000643246	0.000206892	0	0	0.0154295	0.002004112	0.005682381	0.003370782	0.003304331	0.000692262
579185.014141196.41	579185.01	4141196.41	0.007356129	0.004170597	0.000444192	0.0002865	0.000121345	2.21171E-05	0.000327199	2.88709E-05	0.000695893	0.002730433	0.000825114	0.001495836	0.000339116	1.62271E-05	0.000728044	0.00022518	0.001228333	0.00087772	0.000282242	0.00014414	6.40176E-06	0.000428398	0	0.001109953	0.000716384	0.000897691	0.00015938	0	2.02222E-05	8.24733E-05	0	0.000252795	0.000458485	0	0	9.57128E-05	3.08751E-05	0	0.000676835	0.000217695	0	0	0.0135093	0.002021929	0.005144498	0.003133422	0.003038942	0.000650479
579205.014141196.41	579205.01	4141196.41	0.006289581	0.003619941	0.000388331	0.0002505	0.000104297	1.90097E-05	0.000291548	2.49401E-05	0.000602531	0.002384918	0.000742553	0.001346162	0.000305184	1.46034E-05	0.000643641	0.000199073	0.001088545	0.00078058	0.000251005	0.000128188	5.69326E-06	0.00045136	0	0.001169411	0.000754759	0.000945779	0.000167916	0	2.13146E-05	8.68937E-05	0	0.000266337	0.000483045	0	0	0.000100843	3.253E-05	0	0.000713091	0.000229357	0	0	0.0119186	0.002055313	0.004607961	0.002893478	0.002813819	0.000614243
579225.014141196.41	579225.01	4141196.41	0.005401199	0.003161552	0.000341926	0.0002205	8.94799E-05	1.63091E-05	0.00026107	2.15804E-05	0.000520518	0.002064872	0.000659417	0.001195447	0.000271016	1.29684E-05	0.000570012	0.000176303	0.00096905	0.000694018	0.00022317	0.000113973	5.06191E-06	0.000476231	0	0.001233785	0.000796307	0.000997842	0.000177155	0	2.25051E-05	9.16818E-05	0	0.000280998	0.000509636	0	0	0.0001064	3.43224E-05	0	0.000752346	0.000241982	0	0	0.0106147	0.002104175	0.004116107	0.002665478	0.00262604	0.000584187
579245.014141196.41	579245.01	4141196.41	0.004665361	0.00278108	0.000303354	0.0001957	7.69421E-05	1.40239E-05	0.000235064	1.87556E-05	0.000451302	0.001786876	0.00058085	0.001053013	0.000238725	1.14233E-05	0.000506091	0.000156533	0.000865543	0.000618144	0.000198772	0.000101512	4.50851E-06	0.000503418	0	0.001304099	0.00084169	0.00105471	0.000187245	0	2.38204E-05	9.69158E-05	0	0.000297012	0.00053868	0	0	0.000112474	3.62819E-05	0	0.000795222	0.000255773	0	0	0.0095573	0.002169008	0.003691864	0.002460406	0.002471724	0.000560566
578385.014141216.41	578385.01	4141216.41	0.000189704	0.000210323	2.78321E-05	1.795E-05	1.50143E-06	2.73659E-07	3.06615E-05	7.83434E-07	5.43649E-06	1.93746E-05	7.21194E-06	1.30744E-05	2.96406E-06	1.41834E-07	2.17747E-05	6.72817E-06	3.31466E-05	2.53189E-05	8.1416E-06	4.1579E-06	1.84666E-07	1.59802E-05	0	4.16576E-05	2.68866E-05	3.36912E-05	5.99605E-06	0	6.904E-07	3.07644E-06	0	9.48763E-06	1.72074E-05	0	0	3.57031E-06	1.15171E-06	0	2.54022E-05	8.17031E-06	0	0	0.0004855	8.00312E-05	8.29922E-05	5.87327E-05	9.17476E-05	2.06545E-05
578405.014141216.41	578405.01	4141216.41	0.000210695	0.000237566	3.15024E-05	2.032E-05	1.63458E-06	2.97929E-07	3.51591E-05	8.75717E-07	5.9028E-06	2.10411E-05	7.78355E-06	1.41107E-05	3.19898E-06	1.53075E-07	2.41742E-05	7.46942E-06	3.65846E-05	2.8081E-05	9.0298E-06	4.6115E-06	2.04813E-07	1.67155E-05	0	4.35682E-05	2.81197E-05	3.52365E-05	6.27072E-06	0	7.23712E-07	3.218E-06	0	9.92278E-06	1.79966E-05	0	0	3.73459E-06	1.20471E-06	0	2.65673E-05	8.54505E-06	0	0	0.00054	8.53102E-05	9.11955E-05	6.33681E-05	9.99071E-05	2.23912E-05
578425.014141216.41	578425.01	4141216.41	0.000235634	0.000270288	3.59736E-05	2.32E-05	1.78959E-06	3.26181E-07	4.06839E-05	9.86607E-07	6.45824E-06	2.29981E-05	8.44272E-06	1.53057E-05	3.4699E-06	1.66039E-07	2.69622E-05	8.33032E-06	4.05061E-05	3.13233E-05	1.00724E-05	5.14396E-06	2.28461E-07	1.75602E-05	0	4.57638E-05	2.95368E-05	3.70122E-05	6.58638E-06	0	7.61826E-07	3.38062E-06	0	1.04228E-05	1.89035E-05	0	0	3.92331E-06	1.26558E-06	0	2.79062E-05	8.97566E-06	0	0	0.0006052	9.15419E-05	0.000101047	6.87306E-05	0.000109332	2.44205E-05
578445.014141216.41	578445.01	4141216.41	0.000265347	0.000309898	4.22758E-05	2.727E-05	1.97057E-06	3.59168E-07	4.84392E-05	1.12061E-06	7.10977E-06	2.52814E-05	9.20648E-06	1.66903E-05	3.7838E-06	1.81059E-07	3.02239E-05	9.33708E-06	4.50211E-05	3.51336E-05	1.12976E-05	5.76968E-06	2.56251E-07	1.84909E-05	0	4.81815E-05	3.10972E-05	3.89675E-05	6.93391E-06	0	8.04141E-07	3.55979E-06	0	1.09755E-05	1.99022E-05	0	0	4.13124E-06	1.33266E-06	0	2.93805E-05	9.44986E-06	0	0	0.0006842	9.93037E-05	0.000113788	7.49125E-05	0.000120205	2.67734E-05
578465.014141216.41	578465.01	4141216.41	0.000302853	0.000358805	4.92077E-05	3.174E-05	2.23029E-06	4.06506E-07	5.70749E-05	1.28507E-06	7.87965E-06	2.79445E-05	1.00992E-05	1.83086E-05	4.15068E-06	1.98615E-07	3.40988E-05	1.05327E-05	5.03253E-05	3.96666E-05	1.27553E-05	6.5141E-06	2.89313E-07	1.96822E-05	0	5.12023E-05	3.30469E-05	4.14106E-05	7.36394E-06	0	8.76918E-07	3.78912E-06	0	1.16615E-05	2.115E-05	0	0	4.39739E-06	1.41851E-06	0	3.12225E-05	1.00423E-05	0	0	0.0007818	0.000108427	0.000128381	8.2304E-05	0.000133166	2.9601E-05
578485.014141216.41	578485.01	4141216.41	0.000346458	0.000419403	5.77997E-05	3.728E-05	2.48795E-06	4.53468E-07	6.77943E-05	1.48599E-06	8.83122E-06	3.10036E-05	1.11353E-05	2.01871E-05	4.57655E-06	2.18993E-07	3.86987E-05	1.19519E-05	5.65919E-05	4.50412E-05	1.44835E-05	7.39672E-06	3.28514E-07	2.08986E-05	0	5.43425E-05	3.50737E-05	4.39503E-05	7.8142E-06	0	9.37239E-07	4.02331E-06	0	1.23767E-05	2.24471E-05	0	0	4.66917E-06	1.50618E-06	0	3.31374E-05	1.06582E-05	0	0	0.0008989	0.000118793	0.000145855	9.07976E-05	0.000148229	3.2867E-05
578505.014141216.41	578505.01	4141216.41	0.000399128	0.000494616	6.84437E-05	4.415E-05	2.79059E-06	5.08696E-07	8.10413E-05	1.73013E-06	9.85116E-06	3.44827E-05	1.23321E-05	2.23566E-05	5.06839E-06	2.42528E-07	4.48036E-05	1.38328E-05	6.40406E-05	5.13709E-05	1.65189E-05	8.43619E-06	3.7468E-07	2.21306E-05	0	5.75301E-05	3.7131E-05	4.65283E-05	8.27165E-06	0	9.96511E-07	4.26048E-06	0	1.31026E-05	2.37638E-05	0	0	4.94442E-06	1.59497E-06	0	3.50811E-05	1.12834E-05	0	0	0.0010418	0.000130597	0.000166577	0.000101179	0.00016592	3.66132E-05
578525.014141216.41	578525.01	4141216.41	0.000470187	0.000595805	8.21866E-05	5.301E-05	3.1628E-06	5.76472E-07	9.80486E-05	2.04224E-06	1.10627E-05	3.88006E-05	1.40615E-05	2.54918E-05	5.77916E-06	2.7654E-07	5.16281E-05	1.59382E-05	7.33823E-05	5.91927E-05	1.90341E-05	9.7207E-06	4.31729E-07	2.38915E-05	0	6.20944E-05	4.00768E-05	5.02198E-05	8.92715E-06	0	1.07919E-06	4.59949E-06	0	1.41422E-05	2.56491E-05	0	0	5.33785E-06	1.72189E-06	0	3.78643E-05	1.21786E-05	0	0	0.0012342	0.000146471	0.00019334	0.000114163	0.000188099	4.13652E-05
578545.014141216.41	578545.01	4141216.41	0.000552258	0.000718172	9.93163E-05	6.406E-05	3.60309E-06	6.56721E-07	0.000119106	2.46584E-06	1.24453E-05	4.35226E-05	1.57836E-05	2.86138E-05	6.48694E-06	3.10408E-07	5.97688E-05	1.84504E-05	8.50004E-05	6.96321E-05	2.23911E-05	1.14351E-05	5.0787E-07	2.58428E-05	0	6.69182E-05	4.31902E-05	5.41211E-05	9.60669E-06	0	1.2297E-06	4.97514E-06	0	1.52408E-05	2.76417E-05	0	0	5.77381E-06	1.86252E-06	0	4.08058E-05	1.31247E-05	0	0	0.0014625	0.000164975	0.000225032	0.000128595	0.000215751	4.74587E-05
578565.014141216.41	578565.01	4141216.41	0.000653861	0.000872156	0.000120896	7.798E-05	4.12995E-06	7.52749E-07	0.000145417	2.94091E-06	1.40412E-05	4.89926E-05	1.78243E-05	3.23134E-05	7.32567E-06	3.50542E-07	6.95972E-05	2.14846E-05	9.87494E-05	8.06291E-05	2.59273E-05	1.3241E-05	5.88078E-07	2.76785E-05	0	7.16132E-05	4.62205E-05	5.79182E-05	1.02774E-05	0	1.33173E-06	5.32853E-06	0	1.63101E-05	2.95811E-05	0	0	6.18393E-06	1.99482E-06	0	4.36688E-05	1.40455E-05	0	0	0.0017462	0.000186248	0.000263216	0.000145352	0.000246527	5.38019E-05
578585.014141216.41	578585.01	4141216.41	0.000779553	0.00106446	0.000148036	9.548E-05	4.76152E-06	8.67863E-07	0.000178239	3.52748E-06	1.58941E-05	5.53637E-05	2.0247E-05	3.67054E-05	8.32136E-06	3.98186E-07	8.14392E-05	2.51419E-05	0.000115471	9.36396E-05	3.0111E-05	1.53776E-05	6.82972E-07	2.96937E-05	0	7.67844E-05	4.95581E-05	6.21005E-05	1.10171E-05	0	1.43947E-06	5.71649E-06	0	1.74879E-05	3.17171E-05	0	0	6.63416E-06	2.14005E-06	0	4.68221E-05	1.50597E-05	0	0	0.0020985	0.000211905	0.0003098	0.000165215	0.000283214	6.12313E-05
578605.014141216.41	578605.01	4141216.41	0.000932537	0.001300215	0.000181624	0.0001171	5.50687E-06	1.00372E-06	0.000218545	4.24129E-06	1.80276E-05	6.27474E-05	2.30904E-05	4.18602E-05	9.48999E-06	4.54107E-07	9.54697E-05	2.94768E-05	0.000135372	0.000108757	3.4972E-05	1.78601E-05	7.9323E-07	3.18077E-05	0	8.22379E-05	5.30779E-05	6.65111E-05	1.17988E-05	0	1.54526E-06	6.12347E-06	0	1.87299E-05	3.39698E-05	0	0	7.10648E-06	2.29241E-06	0	5.01476E-05	1.61293E-05	0	0	0.0025284	0.000242245	0.000365853	0.00018835	0.000326045	6.97547E-05
578625.014141216.41	578625.01	4141216.41	0.001124551	0.001597282	0.000224688	0.0001449	6.42166E-06	1.17045E-06	0.000269879	5.14161E-06	2.06113E-05	7.16927E-05	2.65614E-05	4.81526E-05	1.09165E-05	5.22369E-07	0.000112587	3.47665E-05	0.000159432	0.00012692	4.08126E-05	2.08429E-05	9.25705E-07	3.43875E-05	0	8.88807E-05	5.73652E-05	7.18836E-05	1.27503E-05	0	1.67746E-06	6.62013E-06	0	2.02428E-05	3.67137E-05	0	0	7.68286E-06	2.47834E-06	0	5.41983E-05	1.74322E-05	0	0	0.0030698	0.000280597	0.000436347	0.000216575	0.000377795	8.00134E-05
578645.014141216.41	578645.01	4141216.41	0.001368457	0.001977523	0.000280836	0.0001811	7.56319E-06	1.37851E-06	0.000336393	6.29583E-06	2.38303E-05	8.28155E-05	3.08764E-05	5.59752E-05	1.269E-05	6.0723E-07	0.000133662	4.12797E-05	0.000188494	0.000149017	4.79182E-05	2.44717E-05	1.08687E-06	3.76263E-05	0	9.71929E-05	6.27301E-05	7.86062E-05	1.39394E-05	0	1.85032E-06	7.24364E-06	0	2.21359E-05	4.01472E-05	0	0	8.40647E-06	2.71176E-06	0	5.92699E-05	1.90625E-05	0	0	0.0037616	0.000330042	0.000526758	0.000251488	0.00044077	9.25393E-05
578665.014141216.41	578665.01	4141216.41	0.001665899	0.002449357	0.000351048	0.0002264	8.92692E-06	1.62707E-06	0.000418865	7.71669E-06	2.77193E-05	9.62207E-05	3.60135E-05	6.52883E-05	1.48013E-05	7.08259E-07	0.00015848	4.89492E-05	0.00022207	0.000174816	5.62142E-05	2.87085E-05	1.27504E-06	4.11634E-05	0	0.000106294	6.8604E-05	8.59668E-05	1.52426E-05	0	2.03324E-06	7.92459E-06	0	2.42087E-05	4.39065E-05	0	0	9.19673E-06	2.96669E-06	0	6.48166E-05	2.08474E-05	0	0	0.0046138	0.000389928	0.000637571	0.000292381	0.000513619	0.000107045
578685.014141216.41	578685.01	4141216.41	0.002037954	0.003051339	0.000440938	0.0002844	1.06015E-05	1.93229E-06	0.00052301	9.50444E-06	3.25908E-05	0.000112914	4.22987E-05	7.66827E-05	1.73845E-05	8.31867E-07	0.000188282	5.81567E-05	0.000261542	0.00020567	6.61356E-05	3.37753E-05	1.50008E-06	4.53027E-05	0	0.000116931	7.54692E-05	9.45694E-05	1.6765E-05	0	2.25082E-06	8.72147E-06	0	2.66313E-05	4.83002E-05	0	0	1.01215E-05	3.26501E-06	0	7.13028E-05	2.29336E-05	0	0	0.0056925	0.00046505	0.000776619	0.000341603	0.000599936	0.000124345
578705.014141216.41	578705.01	4141216.41	0.002495436	0.003809759	0.000552959	0.0003567	1.26129E-05	2.2989E-06	0.000649831	1.16939E-05	3.86004E-05	0.000133352	4.98147E-05	9.03083E-05	2.04735E-05	9.7968E-07	0.000223263	6.89614E-05	0.000307163	0.000241784	7.77486E-05	3.97061E-05	1.76348E-06	4.98791E-05	0	0.000128709	8.30714E-05	0.000104096	1.84519E-05	0	2.48655E-06	9.60249E-06	0	2.93139E-05	5.31656E-05	0	0	1.1144E-05	3.59484E-06	0	7.84853E-05	2.52438E-05	0	0	0.0070367	0.000556445	0.000945445	0.000399334	0.000699989	0.000144462
578725.014141216.41	578725.01	4141216.41	0.003071299	0.004783297	0.000693996	0.0004476	1.50843E-05	2.74936E-06	0.000803814	1.4398E-05	4.61617E-05	0.000158758	5.89677E-05	0.000106902	2.42353E-05	1.15969E-06	0.000265184	8.19064E-05	0.00036106	0.000284915	9.16179E-05	4.67891E-05	2.07806E-06	5.52143E-05	0	0.000142408	9.19126E-05	0.000115174	2.04118E-05	0	2.76985E-06	1.06296E-05	0	3.24338E-05	5.8824E-05	0	0	1.2336E-05	3.97935E-06	0	8.68384E-05	2.79305E-05	0	0	0.0087462	0.000669807	0.001151093	0.00046864	0.000818699	0.000168415

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579165.014141396.41	579165.01	4141396.41	0.006656215	0.003852228	0.000375577	0.0002423	0.000135043	2.46137E-05	0.000299131	2.92268E-05	0.000954609	0.004308817	0.001437823	0.002606606	0.000590935	2.82769E-05	0.000740437	0.000228834	0.001297472	0.00097597	0.000313835	0.000160275	7.11836E-06	0.001161532	0	0.003010344	0.001942931	0.002434661	0.00043231	0	5.46061E-05	0.000223613	0	0.000685614	0.001243474	0	0	0.00025951	8.37128E-05	0	0.001835668	0.000590419	0	0	0.0150559	0.004754886	0.008450364	0.005469239	0.004421656	0.001071648
579185.014141396.41	579185.01	4141396.41	0.005556021	0.003351148	0.000330857	0.0002134	0.000105601	1.92476E-05	0.000264258	2.37296E-05	0.000719767	0.003192719	0.001084766	0.001966555	0.000445831	2.13335E-05	0.000622822	0.000192482	0.001071612	0.000815651	0.000262283	0.000133947	5.94905E-06	0.001291297	0	0.003346929	0.002160169	0.002706879	0.000480662	0	6.06376E-05	0.000248595	0	0.000762272	0.001382506	0	0	0.000288502	9.30651E-05	0	0.002040913	0.000656434	0	0	0.0138763	0.005186056	0.006856654	0.004727549	0.004213723	0.001058613
579205.014141396.41	579205.01	4141396.41	0.004731546	0.002950184	0.000294087	0.0001897	8.48033E-05	1.54568E-05	0.000235394	1.97092E-05	0.000556166	0.002415155	0.00083311	0.001510331	0.000342402	1.63843E-05	0.000531917	0.000164399	0.000901023	0.000690456	0.000222025	0.000113387	5.03593E-06	0.001452041	0	0.003764004	0.002429357	0.003044195	0.000540584	0	6.80752E-05	0.00027954	0	0.000857262	0.001554786	0	0	0.000324415	0.00010465	0	0.00229524	0.000738235	0	0	0.0131919	0.005748045	0.005820453	0.004280236	0.004155768	0.001078683
579225.014141396.41	579225.01	4141396.41	0.00408643	0.002619109	0.000263135	0.0001697	6.95372E-05	1.26743E-05	0.000211032	1.66593E-05	0.000441829	0.001871764	0.000652475	0.001182862	0.000268163	1.28319E-05	0.00046011	0.000142227	0.000771927	0.000590724	0.000189955	9.70094E-05	4.30852E-06	0.001648369	0	0.004273741	0.002758351	0.003456452	0.000613839	0	7.70745E-05	0.000317337	0	0.000973356	0.001765341	0	0	0.000368279	0.0001188	0	0.00260607	0.00083821	0	0	0.0128908	0.006454065	0.00518804	0.004057587	0.004229749	0.001129482
579245.014141396.41	579245.01	4141396.41	0.003569504	0.002341594	0.000236842	0.0001528	5.80877E-05	1.05874E-05	0.000190338	1.42966E-05	0.000361731	0.001494459	0.000522074	0.00094646	0.000214569	1.02674E-05	0.000402777	0.00012453	0.000673874	0.000510828	0.000164263	8.38888E-05	3.72579E-06	0.001890293	0	0.004902308	0.00316404	0.003964815	0.000704195	0	8.80516E-05	0.000363911	0	0.001116514	0.002024982	0	0	0.000422329	0.000136235	0	0.002989362	0.000961491	0	0	0.0129405	0.007339708	0.004866157	0.004021384	0.00443483	0.001213368
579265.014141396.41	579265.01	4141396.41	0.003146627	0.002105941	0.000214269	0.0001382	4.92984E-05	8.98543E-06	0.000172604	1.2426E-05	0.000304282	0.00123044	0.000426346	0.000772916	0.000175225	8.38473E-06	0.000356245	0.00011017	0.000597907	0.000446158	0.000143467	7.32685E-05	3.25411E-06	0.002187714	0	0.005675745	0.00366323	0.004590344	0.000815415	0	0.000101377	0.000421169	0	0.001292666	0.002344463	0	0	0.000488779	0.000157671	0	0.003460994	0.001113185	0	0	0.0133303	0.008441078	0.00478571	0.004146014	0.0047729	0.001333175
579285.014141396.41	579285.01	4141396.41	0.00279746	0.001905036	0.000194862	0.0001257	4.246E-05	7.73901E-06	0.000157402	1.09273E-05	0.000261785	0.001042145	0.000355275	0.000644073	0.000146016	6.98702E-06	0.000318138	9.84096E-05	0.00053773	0.000393677	0.000126592	6.465E-05	2.87133E-06	0.002567297	0	0.006663464	0.004300722	0.005389176	0.000957483	0	0.000118226	0.000494244	0	0.001517622	0.002752457	0	0	0.000573586	0.000185028	0	0.004063291	0.001306907	0	0	0.0141281	0.009858046	0.004922847	0.004441256	0.005278135	0.001501019
579305.014141396.41	579305.01	4141396.41	0.002503299	0.001731159	0.000177924	0.0001148	3.69902E-05	6.74206E-06	0.000144162	9.69636E-06	0.000228689	0.000901328	0.000300914	0.000545523	0.000123674	5.91793E-06	0.000286181	8.85441E-05	0.000488037	0.000350272	0.000112634	5.75221E-05	2.55475E-06	0.003073767	0	0.007983722	0.00515284	0.006456954	0.001147515	0	0.000140111	0.000591748	0	0.001818314	0.003297812	0	0	0.000686742	0.00022153	0	0.004868367	0.001565849	0	0	0.0154699	0.011761548	0.00528922	0.004945849	0.00601675	0.00173856
578385.014141416.41	578385.01	4141416.41	0.000213974	0.000230837	2.97882E-05	1.921E-05	1.66756E-06	3.0394E-07	2.97627E-05	8.29951E-07	7.39848E-06	2.61617E-05	8.30407E-06	1.50543E-05	3.41292E-06	1.63312E-07	2.09615E-05	6.47694E-06	2.98786E-05	2.37132E-05	7.62528E-06	3.89421E-06	1.72955E-07	2.02026E-05	0	5.24006E-05	3.38203E-05	4.23798E-05	7.5275E-06	0	9.3934E-07	3.88932E-06	0	1.19344E-05	2.1645E-05	0	0	4.51368E-06	1.45603E-06	0	3.19532E-05	1.02773E-05	0	0	0.0005472	9.70814E-05	9.70514E-05	6.57507E-05	9.3478E-05	2.19698E-05
578405.014141416.41	578405.01	4141416.41	0.000231899	0.000252015	3.27787E-05	2.114E-05	1.78753E-06	3.25806E-07	3.31965E-05	9.05878E-07	7.83853E-06	2.76427E-05	8.8173E-06	1.59847E-05	3.62385E-06	1.73405E-07	2.26689E-05	7.00299E-06	3.20476E-05	2.5799E-05	8.296E-06	4.23675E-06	1.88169E-07	2.11978E-05	0	5.5001E-05	3.54986E-05	4.44829E-05	7.90214E-06	0	9.80755E-07	4.0809E-06	0	1.25266E-05	2.27191E-05	0	0	4.73601E-06	1.52774E-06	0	3.35389E-05	1.07874E-05	0	0	0.0005929	0.000102912	0.000104217	6.9906E-05	9.99162E-05	2.35083E-05
578425.014141416.41	578425.01	4141416.41	0.000252861	0.000277298	3.63531E-05	2.345E-05	1.92522E-06	3.50902E-07	3.74116E-05	9.96211E-07	8.32452E-06	2.928E-05	9.39863E-06	1.70386E-05	3.86277E-06	1.84838E-07	2.46963E-05	7.6277E-06	3.4706E-05	2.82824E-05	9.09455E-06	4.64457E-06	2.06281E-07	2.23989E-05	0	5.80806E-05	3.74863E-05	4.69736E-05	8.34253E-06	0	1.04558E-06	4.31213E-06	0	1.3228E-05	2.39912E-05	0	0	5.00435E-06	1.61431E-06	0	3.54168E-05	1.13914E-05	0	0	0.000647	0.000109833	0.00011269	7.4778E-05	0.000107647	2.53368E-05
578445.014141416.41	578445.01	4141416.41	0.000277526	0.00030785	4.06575E-05	2.622E-05	2.08476E-06	3.79981E-07	4.26319E-05	1.10455E-06	8.86265E-06	3.10805E-05	1.00578E-05	1.82336E-05	4.13369E-06	1.97802E-07	2.71239E-05	8.37589E-06	3.79908E-05	3.12407E-05	1.00458E-05	5.13039E-06	2.27858E-07	2.37379E-05	0	6.15393E-05	3.97186E-05	4.97708E-05	8.83857E-06	0	1.11145E-06	4.5699E-06	0	1.40157E-05	2.54199E-05	0	0	5.30351E-06	1.71081E-06	0	3.75259E-05	1.20697E-05	0	0	0.0007113	0.000117799	0.000122653	8.04124E-05	0.000116844	2.74738E-05
578465.014141416.41	578465.01	4141416.41	0.000306576	0.000345035	4.5846E-05	2.957E-05	2.2678E-06	4.13343E-07	4.91472E-05	1.23465E-06	9.4514E-06	3.30596E-05	1.07997E-05	1.95785E-05	4.43859E-06	2.12392E-07	3.0028E-05	9.2712E-06	4.20451E-05	3.47722E-05	1.11814E-05	5.71033E-06	2.53615E-07	2.52059E-05	0	6.53297E-05	4.2165E-05	5.28364E-05	9.38209E-06	0	1.18408E-06	4.85252E-06	0	1.4879E-05	2.69855E-05	0	0	5.6315E-06	1.81661E-06	0	3.98372E-05	1.28131E-05	0	0	0.000788	0.00012684	0.000134404	8.68746E-05	0.000127742	2.99585E-05
578485.014141416.41	578485.01	4141416.41	0.000341613	0.000391662	5.22733E-05	3.372E-05	2.48341E-06	4.52642E-07	5.75224E-05	1.39506E-06	1.01102E-05	3.52723E-05	1.1651E-05	2.11219E-05	4.78848E-06	2.29134E-07	3.35797E-05	1.03665E-05	4.71309E-05	3.90729E-05	1.25644E-05	6.41659E-06	2.84983E-07	2.68845E-05	0	6.96503E-05	4.49536E-05	5.63307E-05	1.00009E-05	0	1.27051E-06	5.17568E-06	0	1.58631E-05	2.87703E-05	0	0	6.00654E-06	1.93759E-06	0	4.24718E-05	1.36605E-05	0	0	0.0008821	0.000137485	0.000148714	9.4496E-05	0.00014098	3.29265E-05
578505.014141416.41	578505.01	4141416.41	0.000382441	0.000448811	5.99685E-05	3.868E-05	2.72582E-06	4.96824E-07	6.80181E-05	1.58742E-06	1.08098E-05	3.76413E-05	1.25875E-05	2.28196E-05	5.17336E-06	2.47551E-07	3.77689E-05	1.16587E-05	5.32707E-05	4.41377E-05	1.4193E-05	7.24834E-06	3.21924E-07	2.85587E-05	0	7.39879E-05	4.77531E-05	5.98388E-05	1.06237E-05	0	1.34959E-06	5.49799E-06	0	1.68509E-05	3.05619E-05	0	0	6.38059E-06	2.05825E-06	0	4.51168E-05	1.45113E-05	0	0	0.0009938	0.000148998	0.000165463	0.000102952	0.000156242	3.62745E-05
578525.014141416.41	578525.01	4141416.41	0.000433608	0.000524133	6.99452E-05	4.512E-05	3.01893E-06	5.50248E-07	8.22886E-05	1.83636E-06	1.16119E-05	4.03762E-05	1.36844E-05	2.48083E-05	5.62421E-06	2.69125E-07	4.306E-05	1.32913E-05	6.10715E-05	5.04984E-05	1.62384E-05	8.2929E-06	3.68316E-07	3.05627E-05	0	7.91589E-05	5.10906E-05	6.40209E-05	1.1365E-05	0	1.44952E-06	5.88379E-06	0	1.80286E-05	3.26979E-05	0	0	6.82832E-06	2.20268E-06	0	4.827E-05	1.55254E-05	0	0	0.0011374	0.000163246	0.000187075	0.000113288	0.000175334	4.0425E-05
578545.014141416.41	578545.01	4141416.41	0.000497678	0.000624104	8.29582E-05	5.351E-05	3.37099E-06	6.14417E-07	0.00010193	2.16078E-06	1.25194E-05	4.35104E-05	1.49639E-05	2.71278E-05	6.15005E-06	2.94287E-07	4.96962E-05	1.53391E-05	7.08224E-05	5.84441E-05	1.87934E-05	9.59776E-06	4.26269E-07	3.28387E-05	0	8.50314E-05	5.48808E-05	6.87704E-05	1.22069E-05	0	1.56312E-06	6.32195E-06	0	1.93661E-05	3.51237E-05	0	0	7.33682E-06	2.36672E-06	0	5.1851E-05	1.66772E-05	0	0	0.0013226	0.000180531	0.000215157	0.000125729	0.000198823	4.54947E-05
578565.014141416.41	578565.01	4141416.41	0.000577022	0.000756799	9.98877E-05	6.443E-05	3.78531E-06	6.89933E-07	0.000129106	2.58409E-06	1.35245E-05	4.70355E-05	1.64136E-05	2.97559E-05	6.74586E-06	3.22797E-07	5.78765E-05	1.78638E-05	8.27511E-05	6.82381E-05	2.19428E-05	1.12061E-05	4.97703E-07	3.52388E-05	0	9.12519E-05	5.88956E-05	7.38013E-05	1.31002E-05	0	1.67596E-06	6.78402E-06	0	2.07829E-05	3.76931E-05	0	0	7.87306E-06	2.5397E-06	0	5.56442E-05	1.78972E-05	0	0	0.0015602	0.000200911	0.000251697	0.000140267	0.000227037	5.15439E-05
578585.014141416.41	578585.01	4141416.41	0.000683259	0.000947464	0.000124033	8E-05	4.31093E-06	7.85736E-07	0.000170124	3.18475E-06	1.47394E-05	5.13499E-05	1.81892E-05	3.29749E-05	7.47563E-06	3.57717E-07	6.86416E-05	2.1186E-05	9.81091E-05	8.10731E-05	2.60701E-05	1.33139E-05	5.91317E-07	3.82357E-05	0	9.8986E-05	6.38874E-05	8.00564E-05	1.4209E-05	0	1.82511E-06	7.36096E-06	0	2.25443E-05	4.08879E-05	0	0	8.54262E-06	2.75569E-06	0	6.03604E-05	1.94142E-05	0	0	0.001892	0.000228257	0.000304312	0.00015888	0.000263484	5.93894E-05
578605.014141416.41	578605.01	4141416.41	0.000826127	0.001228461	0.000159135	0.0001026	4.97259E-06	9.06335E-07	0.000233248	4.05177E-06	1.6197E-05	5.65833E-05	2.03297E-05	3.68553E-05	8.35535E-06	3.99813E-07	8.27099E-05	2.55273E-05	0.000117809	9.78061E-05	3.14507E-05	1.60618E-05	7.13361E-07	4.17642E-05	0	0.000108084	6.97595E-05	8.74147E-05	1.55129E-05	0	2.00278E-06	8.04026E-06	0	2.46165E-05	4.4646E-05	0	0	9.33097E-06	3.00999E-06	0	6.59083E-05	2.11986E-05	0	0	0.0023636	0.00026479	0.000381489	0.000182297	0.000310061	6.94245E-05
578625.014141416.41	578625.01	4141416.41	0.001024391	0.001663688	0.00021273	0.0001372	5.82307E-06	1.06135E-06	0.000334305	5.35454E-06	1.79866E-05	6.30743E-05	2.29566E-05	4.16176E-05	9.435E-06	4.51476E-07	0.000101424	3.13018E-05	0.000143633	0.000119919	3.85614E-05	1.96932E-05	8.74643E-07	4.596E-05	0	0.000118901	7.67412E-05	9.61633E-05	1.70632E-05	0	2.21435E-06	8.84801E-06	0	2.70801E-05	4.91143E-05	0	0	1.02684E-05	3.31238E-06	0	7.25045E-05	2.33202E-05	0	0	0.0030657	0.000315941	0.000499944	0.000212311	0.000370671	8.24494E-05
578645.014141416.41	578645.01	4141416.41	0.001305748	0.002362242	0.000297932	0.0001922	6.92461E-06	1.26212E-06	0.000500086	7.36707E-06	2.02084E-05	7.11751E-05	2.61941E-05	4.74868E-05	1.07656E-05	5.15145E-07	0.000126486	3.90346E-05	0.000177979	0.000149213	4.79813E-05	2.4504E-05	1.0883E-06	5.09197E-05	0	0.00013168	8.49885E-05	0.000106498	1.88939E-05	0	2.46659E-06	9.80282E-06	0	2.99904E-05	5.43926E-05	0	0	1.13765E-05	3.66983E-06	0	8.02966E-05	2.58264E-05	0	0	0.0041485	0.000390581	0.000687446	0.000251022	0.000450193	9.94E-05
578665.014141416.41	578665.01	4141416.41	0.001721855	0.003526716	0.000441314	0.0002847	8.39512E-06	1.53014E-06	0.000781094	1.05992E-05	2.306E-05	8.15418E-05	3.02902E-05	5.49125E-05	1.2449E-05	5.95701E-07	0.000160865	4.96428E-05	0.000224962	0.000188704	6.06802E-05	3.09892E-05	1.37634E-06	5.70004E-05	0	0.000147308	9.50751E-05	0.000119137	2.11308E-05	0	2.78561E-06	1.09735E-05	0	3.35497E-05	6.0848E-05	0	0	1.2735E-05	4.10808E-06	0	8.98263E-05	2.88915E-05	0	0	0.0058942	0.00050726	0.000996555	0.000302406	0.000557243	0.000121937
579025.014141416.41	579025.01	4141416.41	0.066240077	0.020320833	0.001332383	0.0008594	0.001778822	0.000324219	0.000910824	0.000293674	0.005192058	0.015382864	0.00448235	0.00812598	0.001842215	8.81521E-05	0.00350319	0.001084028	0.006438362	0.004306854	0.001384922	0.000707277	3.14126E-05	0.000758485	0	0.001964837	0.001268142	0.001589091	0.000282114	0	3.58921E-05	0.00014602	0	0.000447497	0.000811609	0	0	0.000169461	5.46648E-05	0	0.001198131	0.000385364	0	0	0.0906166	0.005495457	0.027497514	0.014540607	0.01308204	0.002508975
579045.014141416.41	579045.01	4141416.41	0.041774341	0.014273303	0.001024582	0.0006609	0.001198888	0.000218517	0.000747913	0.000198717	0.005221031	0.017188166	0.004928382	0.008934583	0.002025531	9.6924E-05	0.002730194	0.00084448	0.005045348	0.003511715	0.001129235	0.000576698	2.56131E-05	0.000801053	0	0.002075399	0.001339501	0.00167851	0.000298005	0	3.78334E-05	0.000154215	0	0.000472678	0.000857279	0	0	0.000178971	5.77327E-05	0	0.001265551	0.000407048	0	0	0.0599487	0.004877766	0.029465457	0.014823482	0.010724827	0.002138595
579065.014141416.41	579065.01	4141416.41	0.026536165	0.010359569	0.000817216	0.0005271	0.000739061	0.000134706	0.000620241	0.00012762	0.004502447	0.017127531	0.004907281	0.00889633	0.002016859	9.6509E-05	0.002119269	0.00065532	0.003910644	0.0027983	0.000899828	0.00045954	2.04098E-05	0.000857914	0	0.002223068	0.001434809	0.001797939	0.000319229	0	4.043E-05	0.000165162	0	0.00050631	0.000918276	0	0	0.000191675	6.18307E-05	0	0.001355597	0.000436011	0	0	0.0407939	0.004498923	0.028450956	0.014238918	0.008781693	0.001815788
579085.014141416.41	579085.01	4141416.41	0.017918406	0.007907991	0.00067147	0.0004331	0.000478637	8.72392E-05	0.000521235	8.67182E-05	0.003453923	0.01496079	0.004382621	0.007945183	0.001801227	8.61908E-05	0.001659191	0.000512949	0.003050473	0.002218118	0.000713263	0.000364262	1.61781E-05	0.000930264	0	0.002410802	0.001555976	0.001949772	0.000346202	0	4.37748E-05	0.00017909	0	0.000549067	0.000995823	0	0	0.00020784	6.70451E-05	0	0.001470075	0.000472831	0	0	0.0298389	0.004417491	0.024610661	0.012695454	0.007318661	0.001566535
579105.014141416.41	579105.01	4141416.41	0.012887562	0.006291649	0.000562898	0.0003631	0.000324191	5.9089E-05	0.000442545	6.16557E-05	0.002478149	0.011579222	0.003532848	0.006404642	0.001451976	6.94787E-05	0.001311758	0.00040548	0.002394628	0.001759947	0.000565933	0.00028902	1.28364E-05	0.001014714	0	0.002629877	0.001697371	0.002126953	0.000377675	0	4.76928E-05	0.000195348	0	0.000598962	0.001086316	0	0	0.000226707	7.31314E-05	0	0.001603664	0.000515798	0	0	0.0233867	0.00451159	0.019373186	0.010550877	0.00623685	0.001383588
579125.014141416.41	579125.01	4141416.41	0.009818165	0.005181159	0.000480274	0.0003098	0.000229112	4.17593E-05	0.00038033	4.57049E-05	0.001749591	0.00834223	0.002660689	0.00482352	0.001093525	5.23264E-05	0.001053891	0.000325733	0.001898231	0.001411518	0.000453891	0.000231801	1.02951E-05	0.001115716	0	0.002891804	0.001866423	0.002338789	0.000415298	0	5.24015E-05	0.000214793	0	0.000658616	0.001194509	0	0	0.000249273	8.04108E-05	0	0.001763383	0.00056717	0	0	0.0194871	0.004744106	0.014561414	0.008467044	0.005479276	0.001263157
579145.014141416.41	579145.01	4141416.41	0.007794481	0.00436974	0.000414966	0.0002677	0.000167737	3.05727E-05	0.000329965	3.50497E-05	0.001243402	0.005859301	0.001935693	0.003509186	0.000795556	3.80683E-05	0.000859412	0.000265608	0.001519612	0.001144652	0.000368077	0.000187976	8.34866E-06	0.001233439	0	0.00319714	0.002063493	0.002585735	0.00045916	0	5.78772E-05	0.000237456	0	0.000728157	0.001320633	0	0	0.000275575	8.88952E-05	0	0.001949573	0.000627056	0	0	0.0170098	0.005084622	0.010916635	0.00679843	0.004968341	0.001191458
579165.014141416.41	579165.01	4141416.41	0.006385298	0.003752281	0.000362505	0.0002338	0.000127197	2.31837E-05	0.000289025	2.77446E-05	0.000902748	0.004152608	0.00140547	0.002547954	0.000577639	2.76407E-05	0.000712785	0.000220294	0.001235745	0.000941223	0.000302662	0.000154569	6.86493E-06	0.001375447	0	0.003565619	0.002301316	0.002883747	0.000512102	0	6.44431E-05	0.000264795	0	0.000812079	0.00147284	0	0	0.000307303	9.91299E-05	0	0.002174267	0.000699326	0	0	0.0154412	0.00554608	0.008454199	0.00564616	0.00467066	0.001163421
579185.014141416.41	579185.01	4141416.41	0.00535298	0.003265581	0.000319629	0.0002062	9.95616E-05	1.81467E-05	0.00025541	2.25692E-05	0.000675759	0.003018314	0.001038994	0.001883575	0.000427019	2.04334E-05	0.000601178	0.000185818	0.001025605	0.000785066	0.000252448	0.000128924	5.72598E-06	0.001551442	0	0.004022622	0.002596274	0.003253356	0.000577781	0	7.24962E-05	0.000298677	0	0.000916163	0.001661613	0	0	0.000346623	0.000111814	0	0.002452941	0.000788958	0	0	0.0145123	0.006155356	0.00689431	0.004940443	0.004561245	0.001176056
579205.014141416.41	579205.01	4141416.41	0.00456527	0.002871484	0.000284035	0.0001832	8.00706E-05	1.45942E-05	0.000227481	1.87776E-05	0.000524624	0.002268543	0.000788692	0.001429807	0.000324147	1.55108E-05	0.000514959	0.000159196	0.000870417	0.000663846	0.000213468	0.000109018	4.84185E-06	0.00177337	0	0.004599458	0.002968574	0.00371988	0.000660713	0	8.25098E-05	0.000341401	0	0.001047539	0.001899884	0	0	0.000396207	0.000127809	0	0.002804688	0.000902093	0	0	0.0140936	0.006951731	0.005974876	0.004580515	0.004625956	0.00122942
579225.014141416.41	579225.01	4141416.41	0.0039486	0.002547671	0.000254255	0.000164	6.59539E-05	1.20211E-05	0.000204168	1.59292E-05	0.000423002	0.001773206	0.000616705	0.001118015	0.000253462	1.21284E-05	0.000447534	0.000138383	0.00075501	0.000569107	0.000183003	9.34594E-05	4.15085E-06	0.002060841	0	0.005347271	0.003451227	0.004324685	0.000768262	0	9.53256E-05	0.000396744	0	0.001217855	0.002208781	0	0	0.000460433	0.000148527	0	0.003260694	0.001048761	0	0	0.0141586	0.008005863	0.005523218	0.004500353	0.004871721	0.001329375
579245.014141416.41	579245.01	4141416.41	0.003450044	0.00227543	0.000228817	0.0001476	5.53144E-05	1.00819E-05	0.000184292	1.3709E-05	0.000351565	0.001437093	0.000494333	0.000896168	0.000203167	9.7218E-06	0.000393219	0.000121618	0.000666158	0.000493285	0.000158622	8.10078E-05	3.59783E-06	0.002428203	0	0.006304589	0.004069097	0.00509893	0.000906037	0	0.00011128	0.000467467	0	0.001435887	0.002604218	0	0	0.000542509	0.000175003	0	0.003844454	0.00123652	0	0	0.0146871	0.009370931	0.005411744	0.004649004	0.005300518	0.001479748
579265.014141416.41	579265.01	4141416.41	0.003044026	0.002046119	0.000207133	0.0001336	4.71877E-05	8.60071E-06	0.000167395	1.19589E-05	0.000299446	0.001202925	0.000406109	0.000736228	0.000166908	7.98674E-06	0.00034917	0.00010802	0.000596053	0.000432564	0.000139096	7.10361E-05	3.15496E-06	0.002908754	0	0.007558522	0.004878409	0.006113068	0.001086593	0	0.000131733	0.00055998	0	0.001721474	0.003122176	0	0	0.000649874	0.000209637	0	0.004609086	0.001482455	0	0	0.0157646	0.011172267	0.005596214	0.005032343	0.005955359	0.001695742
579285.014141416.41	579285.01	4141416.41	0.002703293	0.001848162	0.000188172	0.0001214	4.07252E-05	7.42282E-06	0.00015264	1.05274E-05	0.000258851	0.001028719	0.000339567	0.000615595	0.00013956	6.67809E-06	0.000312174	9.6596E-05	0.000537754	0.000382432	0.000122976	6.28034E-05	2.78931E-06	0.003533994	0	0.009196091	0.005935326	0.007437476	0.001322731	0	0.00015681	0.000680349	0	0.002094435	0.003798602	0	0	0.000789566	0.000254699	0	0.005607654	0.001803631	0	0	0.0174697	0.013534901	0.006052052	0.005662175	0.006879134	0.0019922
579305.014141416.41	579305.01	4141416.41	0.002422097	0.00168047	0.000171993	0.0001109	3.56492E-05	6.49763E-06	0.000140075	9.37284E-06	0.000226868	0.000896097	0.000289779	0.000525336	0.000119097	5.69894E-06	0.000281607	8.71526E-05	0.000489165	0.000341872	0.000109933	5.61426E-05	2.49349E-06	0.004488751	0	0.011702296	0.007552876	0.009464407	0.001684441	0	0.000193693	0.000864154	0	0.00266523	0.004833833	0	0	0.001002877	0.000323509	0	0.007135904	0.002295174	0	0	0.0204656	0.01716387	0.006976207	0.006768449	0.008377603	0.002463743
578385.014141436.41	578385.01	4141436.41	0.000219647	0.000239348	3.06057E-05	1.974E-05	1.70302E-06	3.10402E-07	3.04121E-05	8.49007E-07	7.54977E-06	2.67897E-05	8.50353E-06	1.54159E-05	3.49489E-06	1.67234E-07	2.15415E-05	6.65917E-06	3.1284E-05	2.40127E-05	7.72157E-06	3.94339E-06	1.75139E-07	2.05465E-05	0	5.32995E-05	3.44005E-05	4.31068E-05	7.65702E-06	0	9.53595E-07	3.95553E-06	0	1.21391E-05	2.20163E-05	0	0	4.59051E-06	1.48081E-06	0	3.25013E-05	1.04536E-05	0	0	0.0005634	9.89513E-05	9.91197E-05	6.72263E-05	9.5938E-05	2.22937E-05
578405.014141436.41	578405.01	4141436.41	0.000238337	0.00026183	3.3713E-05	2.175E-05	1.82587E-06	3.32794E-07	3.38971E-05	9.26886E-07	8.02947E-06	2.84168E-05	9.03621E-06	1.63816E-05	3.71382E-06	1.77711E-07	2.32639E-05	7.19006E-06	3.33973E-05	2.60727E-05	8.38399E-06	4.28168E-06	1.90164E-07	2.16436E-05	0	5.61396E-05	3.62335E-05	4.54038E-05	8.06471E-06	0	1.00596E-06	4.16673E-06	0	1.2786E-05	2.31894E-05	0	0	4.83562E-06	1.55988E-06	0	3.42332E-05	1.10107E-05	0	0	0.0006117	0.000105208	0.000106663	7.1562E-05	0.000102453	2.38665E-05
578425.014141436.41	578425.01	4141436.41	0.000259944	0.000288153	3.73833E-05	2.411E-05	1.96603E-06	3.58341E-07	3.81086E-05	1.01827E-06	8.55875E-06	3.02062E-05	9.637E-06	1.74708E-05	3.96074E-06	1.89526E-07	2.52766E-05	7.81039E-06	3.59172E-05	2.84941E-05	9.16262E-06	4.67933E-06	2.07825E-07	2.28799E-05	0	5.93337E-05	3.8295E-05	4.7987E-05	8.52284E-06	0	1.06659E-06	4.40473E-06	0	1.35134E-05	2.45088E-05	0	0	5.11182E-06	1.64898E-06	0	3.61809E-05	1.16371E-05	0	0	0.0006677	0.000112361	0.000115395	7.65182E-05	0.000110052	2.56869E-05
578445.014141436.41	578445.01	4141436.41	0.000285668	0.000319975	4.18503E-05	2.699E-05	2.13011E-06	3.88247E-07	4.33803E-05	1.12901E-06	9.15497E-06	3.22138E-05	1.03254E-05	1.87187E-05	4.24365E-06	2.03064E-07	2.76989E-05	8.55698E-06	3.9029E-05	3.14163E-05	1.01023E-05	5.15922E-06	2.29139E-07	2.43424E-05	0	6.31021E-05	4.07272E-05	5.10348E-05	9.06277E-06	0	1.14086E-06	4.68628E-06	0	1.43717E-05	2.60654E-05	0	0	5.43857E-06	1.75438E-06	0	3.84788E-05	1.23762E-05	0	0	0.0007349	0.000120886	0.000125853	8.23682E-05	0.000119235	2.78669E-05
578465.014141436.41	578465.01	4141436.41	0.000315439	0.000357767	4.71431E-05	3.041E-05	2.31562E-06	4.2206E-07	4.98259E-05	1.25956E-06	9.80411E-06	3.43871E-05	1.10867E-05	2.00989E-05	4.55655E-06	2.18036E-07	3.05333E-05	9.43065E-06	4.27778E-05	3.48496E-05	1.12063E-05	5.72304E-06	2.5418E-07	2.5888E-05	0	6.70884E-05	4.33001E-05	5.42587E-05	9.63413E-06	0	1.21844E-06	4.98384E-06	0	1.52796E-05	2.7712E-05	0	0	5.7839E-06	1.86577E-06	0	4.09096E-05	1.31581E-05	0	0	0.0008133	0.000130282	0.000137901	8.89027E-05	0.000129833	3.03416E-05
578485.014141436.41	578485.01	4141436.41	0.000350754	0.000403995	5.35788E-05	3.456E-05	2.53041E-06	4.61207E-07	5.79517E-05	1.41786E-06	1.05229E-05	3.67932E-05	1.19477E-05	2.16599E-05	4.91044E-06	2.3497E-07	3.39412E-05	1.04812E-05	4.74271E-05	3.89748E-05	1.25328E-05	6.40048E-06	2.84267E-07	2.75952E-05	0	7.14898E-05	4.61408E-05	5.78184E-05	1.02649E-05	0	1.30457E-06	5.31251E-06	0	1.6282E-05	2.95301E-05	0	0	6.16533E-06	1.98882E-06	0	4.35935E-05	1.40213E-05	0	0	0.0009074	0.000141049	0.000152259	9.64419E-05	0.000142465	3.32389E-05
578505.014141436.41	578505.01	4141436.41	0.000391295	0.00045941	6.1153E-05	3.944E-05	2.76952E-06	5.04788E-07	6.79594E-05	1.60468E-06	1.12853E-05	3.93427E-05	1.28842E-05	2.33576E-05	5.29532E-06	2.53387E-07	3.79054E-05	1.17036E-05	5.3016E-05	4.37814E-05	1.40785E-05	7.18984E-06	3.19325E-07	2.92861E-05	0	7.58831E-05	4.89763E-05	6.13716E-05	1.08964E-05	0	1.38125E-06	5.63802E-06	0	1.72826E-05	3.13448E-05	0	0	6.5431E-06	2.11068E-06	0	4.62725E-05	1.4883E-05	0	0	0.001017	0.000152562	0.000168779	0.0001047	0.000156884	3.64706E-05
578525.014141436.41	578525.01	4141436.41	0.000443112	0.000533592	7.11672E-05	4.59E-05	3.06592E-06	5.58814E-07	8.18154E-05	1.85092E-06	1.21798E-05	4.23346E-05	1.40128E-05	2.54036E-05	5.75917E-06	2.75583E-07	4.30355E-05	1.32858E-05	6.03713E-05	4.99769E-05	1.60707E-05	8.20727E-06	3.64513E-07	3.14661E-05	0	8.1498E-05	5.26003E-05	6.59127E-05	1.17008E-05	0	1.49259E-06	6.05771E-06	0	1.85614E-05	3.36641E-05	0	0	7.03016E-06	2.26779E-06	0	4.96964E-05	1.59842E-05	0	0	0.0011608	0.000167483	0.000190565	0.000115168	0.000175598	4.06267E-05
578545.014141436.41	578545.01	4141436.41	0.0005053	0.00062854	8.36172E-05	5.393E-05	3.40768E-06	6.21105E-07	0.000100151	2.15928E-06	1.31506E-05	4.56056E-05	1.52728E-05	2.76878E-05	6.27701E-06	3.00362E-07	4.92506E-05	1.5203E-05	6.94327E-05	5.74786E-05	1.8483E-05	9.43921E-06	4.19228E-07	3.37371E-05	0	8.73695E-05	5.63899E-05	7.06614E-05	1.25432E-05	0	1.60288E-06	6.49491E-06	0	1.98987E-05	3.60895E-05	0	0	7.53754E-06	2.43146E-06	0	5.32768E-05	1.71358E-05	0	0	0.0013386	0.000184393	0.0002175	0.000127143	0.000197823	4.54772E-05
578565.014141436.41	578565.01	4141436.41	0.000583132	0.00075631	9.99211E-05	6.445E-05	3.81664E-06	6.95643E-07	0.000125852	2.56593E-06	1.42365E-05	4.92965E-05	1.67273E-05	3.03247E-05	6.87482E-06	3.28968E-07	5.70502E-05	1.76095E-05	8.08524E-05	6.68906E-05	2.15095E-05	1.09849E-05	4.87875E-07	3.62707E-05	0	9.39352E-05	6.06275E-05	7.59715E-05	1.3486E-05	0	1.72217E-06	6.98267E-06	0	2.1394E-05	3.88015E-05	0	0	8.1036E-06	2.61406E-06	0	5.72804E-05	1.84235E-05	0	0	0.0015696	0.000204866	0.000252959	0.000141484	0.000225247	5.14058E-05
578585.014141436.41	578585.01	4141436.41	0.000686798	0.000940263	0.000122948	7.93E-05	4.33484E-06	7.90094E-07	0.000164889	3.14304E-06	1.55286E-05	5.37398E-05	1.84981E-05	3.35349E-05	7.60259E-06	3.63792E-07	6.73741E-05	2.07949E-05	9.57616E-05	7.93022E-05	2.55006E-05	1.30231E-05	5.78401E-07	3.94471E-05	0	0.000102125	6.59136E-05	8.25954E-05	1.46598E-05	0	1.88213E-06	7.59418E-06	0	2.32593E-05	4.21846E-05	0	0	8.81327E-06	2.84299E-06	0	6.22747E-05	2.00299E-05	0	0	0.0018916	0.000232147	0.000303984	0.000159873	0.000260976	5.9132E-05
578605.014141436.41	578605.01	4141436.41	0.000823596	0.001209357	0.000155715	0.0001004	4.97589E-06	9.06936E-07	0.000225214	3.97149E-06	1.70185E-05	5.89468E-05	2.05923E-05	3.73315E-05	8.46331E-06	4.04979E-07	8.07641E-05	2.49264E-05	0.000114826	9.53847E-05	3.06721E-05	1.56642E-05	6.957E-07	4.30808E-05	0	0.000111502	7.19654E-05	9.01788E-05	1.60041E-05	0	2.06325E-06	8.29371E-06	0	2.53949E-05	4.60578E-05	0	0	9.62511E-06	3.10487E-06	0	6.79924E-05	2.18689E-05	0	0	0.0023433	0.000267558	0.000378406	0.000182647	0.000306234	6.89009E-05
578625.014141436.41	578625.01	4141436.41	0.001012272	0.001630225	0.000205515	0.0001326	5.79628E-06	1.05646E-06	0.000324411	5.2345E-06	1.87988E-05	6.52608E-05	2.3139E-05	4.19484E-05	9.50998E-06	4.55063E-07	9.8642E-05	3.04424E-05	0.000139838	0.00011678	3.7552E-05	1.91777E-05	8.51748E-07	4.74236E-05	0	0.000122699	7.91919E-05	9.92343E-05	1.76087E-05	0	2.28218E-06	9.12978E-06	0	2.79449E-05	5.06828E-05	0	0	1.05954E-05	3.41787E-06	0	7.482E-05	2.40649E-05	0	0	0.0030181	0.000316782	0.000494866	0.000211834	0.000365298	8.16463E-05
578645.014141436.41	578645.01	4141436.41	0.001281635	0.002330012	0.000286037	0.0001845	6.86525E-06	1.2513E-06	0.000495588	7.25813E-06	2.09686E-05	7.30626E-05	2.62768E-05	4.76367E-05	1.07996E-05	5.16772E-07	0.000122905	3.79284E-05	0.000173346	0.000145594	4.68175E-05	2.39096E-05	1.06191E-06	5.26406E-05	0	0.000136156	8.78776E-05	0.000110118	1.95377E-05	0	2.54342E-06	1.01341E-05	0	3.10099E-05	5.62416E-05	0	0	1.1761E-05	3.79386E-06	0	8.30261E-05	2.67043E-05	0	0	0.0040865	0.000389358	0.000687631	0.000249861	0.000443688	9.84933E-05
579025.014141436.41	579025.01	4141436.41	0.070934118	0.020463928	0.001231765	0.0007945	0.001981327	0.000361129	0.000889503	0.000325374	0.006727676	0.019636676	0.005711086	0.010353534	0.002347217	0.000112317	0.003611975	0.001117452	0.006802142	0.004631901	0.001489445	0.000760656	3.37833E-05	0.000850081	0	0.00220222	0.001421353	0.001781078	0.000316204	0	4.01996E-05	0.000163654	0	0.000501562	0.000909664	0	0	0.000189925	6.12662E-05	0	0.001342884	0.000431922	0	0	0.0956821	0.005978261	0.034673063	0.017524632	0.013955645	0.002715806
579045.014141436.41	579045.01	4141436.41	0.040658045	0.013799772	0.000959308	0.0006188	0.001224574	0.000223198	0.000726015	0.00019916	0.006484792	0.021882342	0.006272678	0.011371636	0.002578027	0.000123362	0.002742339	0.000848071	0.005167679	0.0036532	0.001174731	0.000599933	2.66451E-05	0.000907294	0	0.002350876	0.001517299	0.001901306	0.000337574	0	4.27947E-05	0.000174668	0	0.000535418	0.000971069	0	0	0.000202708	6.53896E-05	0	0.001433533	0.000461078	0	0	0.0586753	0.005261944	0.036878642	0.017989141	0.011167873	0.002262387
579065.014141436.41	579065.01	4141436.41	0.024719987	0.009887993	0.000772458	0.0004982	0.000723445	0.000131859	0.000599547	0.000123742	0.00522606	0.02120682	0.00609326	0.011046372	0.002504288	0.000119833	0.002087183	0.00064529	0.003910921	0.002831317	0.000910445	0.000464962	2.06506E-05	0.00098192	0	0.002544684	0.001642386	0.002058052	0.000365429	0	4.62017E-05	0.000189035	0	0.000579559	0.001051125	0	0	0.000219381	7.07679E-05	0	0.001551715	0.00049909	0	0	0.038907	0.004922127	0.034561512	0.017028181	0.009010011	0.001895147
579085.014141436.41	579085.01	4141436.41	0.016570958	0.00755594	0.000638582	0.0004119	0.000459794	8.38047E-05	0.000502331	8.29332E-05	0.003726194	0.017461411	0.005162543	0.009359089	0.002121769	0.000101529	0.001611445	0.00049812	0.002989282	0.002196713	0.00070638	0.000360747	1.6022E-05	0.001075279	0	0.002786958	0.001798754	0.002253994	0.000400239	0	5.0512E-05	0.000207008	0	0.000634737	0.0011512	0	0	0.000240239	7.74965E-05	0	0.00169945	0.000546607	0	0	0.0286277	0.004924434	0.028311713	0.014585272	0.007461061	0.001629755
579105.014141436.41	579105.01	4141436.41	0.012015683	0.006043242	0.000537473	0.0003467	0.000306099	5.57914E-05	0.00042571	5.82952E-05	0.002510939	0.012555293	0.00388734	0.007047294	0.00159767	7.64503E-05	0.001263036	0.000390381	0.002306506	0.00171647	0.000551952	0.000281881	1.25193E-05	0.001184577	0	0.003070588	0.001981814	0.002483384	0.000440991	0	5.5559E-05	0.000228049	0	0.000699335	0.001268359	0	0	0.000264658	8.53737E-05	0	0.001872404	0.000602235	0	0	0.0228516	0.005117972	0.020917302	0.011517468	0.006371135	0.001448587
579125.014141436.41	579125.01	4141436.41	0.009248955	0.004998204	0.000459636	0.0002965	0.000213925	3.89912E-05	0.000365495	4.29504E-05	0.001692593	0.008460512	0.002743238	0.004973172	0.001127452	5.39499E-05	0.001010729	0.000312383	0.001807327	0.001362873	0.000438249	0.000223813	9.94028E-06	0.001316254	0	0.003412265	0.002202338	0.00275972	0.000490082	0	6.16461E-05	0.000253399	0	0.000777153	0.001409494	0	0	0.000294078	9.48638E-05	0	0.002080754	0.000669248	0	0	0.0194351	0.005472454	0.01492606	0.008868875	0.0056582	0.00134125
579145.014141436.41	579145.01	4141436.41	0.007408955	0.004226805	0.000397941	0.0002567	0.00015626	2.84809E-05	0.000317291	3.29528E-05	0.001171202	0.005671867	0.001903321	0.003450499	0.000782252	3.74316E-05	0.000825233	0.000255059	0.001443967	0.001100406	0.000353849	0.00018071	8.02595E-06	0.00147518	0	0.003824759	0.00246857	0.003093331	0.000549354	0	6.89648E-05	0.000283995	0	0.000871099	0.001579882	0	0	0.000329585	0.000106318	0	0.002332287	0.000750151	0	0	0.0173336	0.005974837	0.010898527	0.007004882	0.005238038	0.001292736
579165.014141436.41	579165.01	4141436.41	0.006098701	0.003630344	0.000347891	0.0002244	0.000118624	2.16211E-05	0.000278045	2.61443E-05	0.000842631	0.003912724	0.001341319	0.002431656	0.000551273	2.6379E-05	0.000686475	0.000212198	0.00118112	0.00090292	0.000290345	0.000148279	6.58556E-06	0.001670727	0	0.00433279	0.002796462	0.003504208	0.000622381	0	7.78476E-05	0.000321641	0	0.000986805	0.001789733	0	0	0.000373274	0.000120411	0	0.002642077	0.000849791	0	0	0.0160805	0.006643688	0.008431158	0.005858789	0.005058726	0.001295
579185.014141436.41	579185.01	4141436.41	0.005124706	0.003156966	0.000306825	0.0001979	9.3196E-05	1.69865E-05	0.000245883	2.13418E-05	0.000635677	0.002824433	0.000978003	0.001773005	0.000401952	1.92339E-05	0.000581433	0.000179763	0.000991588	0.000753258	0.000242219	0.000123701	5.49398E-06	0.00192227	0	0.004987162	0.003218806	0.004033442	0.000716493	0	8.90563E-05	0.000370067	0	0.00113584	0.002060032	0	0	0.000429474	0.00013854	0	0.003041105	0.000978133	0	0	0.0154979	0.007543349	0.007033779	0.005265131	0.005104254	0.001349547
579205.014141436.41	579205.01	4141436.41	0.004376562	0.002773909	0.000272736	0.0001759	7.53561E-05	1.37349E-05	0.000219264	1.78314E-05	0.000502041	0.002144006	0.000740772	0.001342934	0.000304452	1.45684E-05	0.000500435	0.000154758	0.000852733	0.00063844	0.000205298	0.000104845	4.65654E-06	0.002255608	0	0.005855573	0.003779294	0.004735782	0.000841458	0	0.000103594	0.000434239	0	0.001333623	0.002418744	0	0	0.000503948	0.000162564	0	0.00357065	0.001148455	0	0	0.0155344	0.00876635	0.006350564	0.005085082	0.005379145	0.001463255
579225.014141436.41	579225.01	4141436.41	0.003787048	0.00245893	0.000244128	0.0001575	6.238E-05	1.13698E-05	0.000196992	1.51804E-05	0.000411385	0.001704812	0.000580969	0.001053229	0.000238774	1.14256E-05	0.000436579	0.000135045	0.000747654	0.00054891	0.000176509	9.01426E-05	4.00354E-06	0.002708055	0	0.007036234	0.004541314	0.005690659	0.001011467	0	0.000122836	0.000521343	0	0.001602521	0.002906436	0	0	0.000605034	0.000195172	0	0.004290601	0.001380018	0	0	0.0162344	0.010451819	0.006178875	0.005251478	0.005917382	0.001650673
579245.014141436.41	579245.01	4141436.41	0.003311613	0.002195707	0.000219812	0.0001418	5.26064E-05	9.58835E-06	0.000178096	1.31152E-05	0.000345863	0.001405318	0.000468915	0.000850088	0.000192721	9.22191E-06	0.000384989	0.000119114	0.000664591	0.000477775	0.000153635	7.84608E-05	3.48471E-06	0.00333132	0	0.008666943	0.005593804	0.00700952	0.001246522	0	0.000148258	0.000641331	0	0.00197392	0.003580028	0	0	0.000744284	0.000240092	0	0.005284986	0.001699849	0	0	0.0177254	0.012797712	0.006430926	0.005761332	0.006786558	0.001935429
579265.014141436.41	579265.01	4141436.41	0.002920398	0.001972294	0.000198858	0.0001283	4.50151E-05	8.20473E-06	0.00016183	1.14613E-05	0.000295681	0.001187298	0.000387217	0.000701979	0.000159143	7.6152E-06	0.000342309	0.00010593	0.00059606	0.00042009	0.000135085	6.89877E-05	3.06398E-06	0.004180761	0	0.010898202	0.0070339	0.008814084	0.001568634	0	0.000180694	0.000804861	0	0.002482095	0.004501688	0	0	0.000934066	0.000301312	0	0.006645578	0.002137467	0	0	0.0201705	0.016021264	0.007087976	0.006646801	0.008068971	0.002344604
579285.014141436.41	579285.01	4141436.41	0.002597309	0.001782684	0.000180869	0.0001167	3.90498E-05	7.11746E-06	0.000147871	1.01258E-05	0.000256057	0.00102104	0.000326461	0.000591837	0.000134173	6.42035E-06	0.000306831	9.4966E-05	0.000538366	0.000373195	0.000120006	6.12866E-05	2.72195E-06	0.003925705	0	0.01024036	0.006609316	0.008282044	0.001474342	0	0.000167901	0.000755759	0	0.00233227	0.004229955	0	0	0.000877082	0.00028293	0	0.006244435	0.002008444	0	0	0.0187269	0.015047073	0.006498944	0.006146298	0.007533892	0.002192458
579305.014141436.41	579305.01	4141436.41	0.002325923	0.001619862	0.00016517	0.0001065	3.42524E-05	6.24306E-06	0.000135677	9.02547E-06	0.000223826	0.000888497	0.000279809	0.000507261	0.000114999	5.50286E-06	0.00027684	8.56931E-05	0.000488603	0.000334401	0.000107531	5.49158E-05	2.439E-06	0.002396053	0	0.00622763	0.004019426	0.005036689	0.000895345	0	0.000108165	0.000461277	0	0.00141836	0.002572428	0	0	0.000535327	0.000172686	0	0.003797525	0.001221426	0	0	0.0127346	0.009196904	0.004426224	0.004012358	0.004878909	0.001386312
579325.014141436.41	579325.01	4141436.41	0.002094012	0.001477431	0.000151377	9.764E-05	3.02816E-05	5.51931E-06	0.000124935	8.09483E-06	0.000196899	0.000778858	0.000242659	0.000439913	9.97313E-05	4.77226E-06	0.000250898	7.76687E-05	0.000444634	0.000301462	9.69388E-05	4.95064E-05	2.19875E-06	0.003014612	0	0.007855126	0.005069842	0.00635295	0.001130447	0	0.000131103	0.00058036	0	0.001789026	0.003244693	0	0	0.000673525	0.000217266	0	0.004789951	0.001540627	0	0	0.0145926	0.011550714	0.004987902	0.004713533	0.005830981	0.001689272
578385.014141456.41	578385.01	4141456.41	0.000225845	0.000248316	3.15483E-05	2.035E-05	1.74383E-06	3.17841E-07	3.12888E-05	8.71816E-07	7.65785E-06	2.72638E-05	8.71514E-06	1.57995E-05	3.58186E-06	1.71396E-07	2.22422E-05	6.87839E-06	3.30236E-05	2.44877E-05	7.87431E-06	4.02139E-06	1.78604E-07	2.09709E-05	0	5.43884E-05	3.51033E-05	4.39875E-05	7.81279E-06	0	9.76254E-07	4.03722E-06	0	1.23871E-05	2.24661E-05	0	0	4.68531E-06	1.51139E-06	0	3.31653E-05	1.06672E-05	0	0	0.0005811	0.000101184	0.000101329	6.89464E-05	9.90664E-05	2.27415E-05
578405.014141456.41	578405.01	4141456.41	0.000245116	0.00027202	3.47474E-05	2.241E-05	1.86915E-06	3.40683E-07	3.48143E-05	9.51194E-07	8.15943E-06	2.89871E-05	9.26485E-06	1.67961E-05	3.80779E-06	1.82207E-07	2.39867E-05	7.41655E-06	3.51624E-05	2.65115E-05	8.52511E-06	4.35375E-06	1.93365E-07	2.20808E-05	0	5.72684E-05	3.69621E-05	4.63167E-05	8.22657E-06	0	1.02757E-06	4.25089E-06	0	1.3043E-05	2.36557E-05	0	0	4.93329E-06	1.59138E-06	0	3.49215E-05	1.12321E-05	0	0	0.0006312	0.00010756	0.000109066	7.33618E-05	0.000105603	2.43043E-05
578425.014141456.41	578425.01	4141456.41	0.000267353	0.000299644	3.85178E-05	2.484E-05	2.01138E-06	3.66607E-07	3.90514E-05	1.04393E-06	8.71775E-06	3.08951E-05	9.88024E-06	1.79117E-05	4.06071E-06	1.9431E-07	2.60035E-05	8.03854E-06	3.76477E-05	2.88761E-05	9.28548E-06	4.74207E-06	2.10612E-07	2.33325E-05	0	6.05097E-05	3.90541E-05	4.89381E-05	8.69189E-06	0	1.08714E-06	4.49187E-06	0	1.37813E-05	2.49946E-05	0	0	5.21296E-06	1.6816E-06	0	3.6898E-05	1.18678E-05	0	0	0.0006894	0.000114848	0.000118007	7.83778E-05	0.000113142	2.61059E-05
578445.014141456.41	578445.01	4141456.41	0.000293594	0.000332683	4.30682E-05	2.778E-05	2.17628E-06	3.96662E-07	4.42901E-05	1.15512E-06	9.34589E-06	3.30316E-05	1.05808E-05	1.91817E-05	4.34862E-06	2.08086E-07	2.83977E-05	8.77678E-06	4.06225E-05	3.17002E-05	1.01936E-05	5.20585E-06	2.3121E-07	2.48011E-05	0	6.43008E-05	4.15009E-05	5.20043E-05	9.23548E-06	0	1.15992E-06	4.77459E-06	0	1.46447E-05	2.65606E-05	0	0	5.54105E-06	1.78744E-06	0	3.92098E-05	1.26113E-05	0	0	0.0007584	0.000123461	0.000128615	8.42377E-05	0.000122097	2.8242E-05
578465.014141456.41	578465.01	4141456.41	0.000324108	0.000371755	4.84862E-05	3.127E-05	2.36427E-06	4.30926E-07	5.07026E-05	1.28672E-06	1.00418E-05	3.53829E-05	1.1364E-05	2.06016E-05	4.67052E-06	2.2349E-07	3.11945E-05	9.63908E-06	4.41605E-05	3.50303E-05	1.12644E-05	5.75272E-06	2.55498E-07	2.64018E-05	0	6.84319E-05	4.41672E-05	5.53453E-05	9.82774E-06	0	1.2396E-06	5.08275E-06	0	1.55855E-05	2.82669E-05	0	0	5.89869E-06	1.9028E-06	0	4.17288E-05	1.34216E-05	0	0	0.0008392	0.000133151	0.000140945	9.08557E-05	0.000132462	3.06942E-05
578485.014141456.41	578485.01	4141456.41	0.000360631	0.000419519	5.51345E-05	3.556E-05	2.584E-06	4.70976E-07	5.88321E-05	1.44727E-06	1.08264E-05	3.80219E-05	1.22567E-05	2.22199E-05	5.0374E-06	2.41045E-07	3.45749E-05	1.06813E-05	4.85434E-05	3.90677E-05	1.25627E-05	6.41574E-06	2.84945E-07	2.82344E-05	0	7.31561E-05	4.72163E-05	5.91661E-05	1.05047E-05	0	1.33218E-06	5.43557E-06	0	1.66615E-05	3.02184E-05	0	0	6.30814E-06	2.03488E-06	0	4.46096E-05	1.43481E-05	0	0	0.0009367	0.000144529	0.000155789	9.85997E-05	0.000144937	3.36115E-05
578505.014141456.41	578505.01	4141456.41	0.000401603	0.000474936	6.27713E-05	4.049E-05	2.8227E-06	5.14481E-07	6.855E-05	1.63184E-06	1.16522E-05	4.0782E-05	1.32101E-05	2.39484E-05	5.42928E-06	2.59797E-07	3.83888E-05	1.18572E-05	5.36491E-05	4.36627E-05	1.40403E-05	7.17034E-06	3.18459E-07	2.99818E-05	0	7.76963E-05	5.01466E-05	6.2838E-05	1.11574E-05	0	1.41141E-06	5.77196E-06	0	1.76955E-05	3.20938E-05	0	0	6.69854E-06	2.16082E-06	0	4.73782E-05	1.52386E-05	0	0	0.001047	0.000156296	0.000172377	0.000106819	0.000158708	3.67677E-05
578525.014141456.41	578525.01	4141456.41	0.000455786	0.000550735	7.32068E-05	4.722E-05	3.13106E-06	5.70686E-07	8.2417E-05	1.88288E-06	1.26628E-05	4.41493E-05	1.4402E-05	2.61091E-05	5.91912E-06	2.83237E-07	4.35075E-05	1.34355E-05	6.06524E-05	4.98065E-05	1.60159E-05	8.17929E-06	3.6327E-07	3.24231E-05	0	8.39726E-05	5.41975E-05	6.79141E-05	1.20559E-05	0	1.53896E-06	6.24194E-06	0	1.9125E-05	3.46863E-05	0	0	7.24397E-06	2.33676E-06	0	5.12054E-05	1.64696E-05	0	0	0.0011961	0.000172462	0.000195046	0.000117749	0.000177437	4.1028E-05
578545.014141456.41	578545.01	4141456.41	0.000516229	0.000640766	8.52022E-05	5.496E-05	3.46004E-06	6.30647E-07	9.94133E-05	2.17489E-06	1.36905E-05	4.75777E-05	1.56376E-05	2.83492E-05	6.42696E-06	3.07537E-07	4.9264E-05	1.52108E-05	6.88165E-05	5.67713E-05	1.82555E-05	9.32305E-06	4.14069E-07	3.4634E-05	0	8.97157E-05	5.79041E-05	7.25589E-05	1.28813E-05	0	1.63964E-06	6.66758E-06	0	2.0433E-05	3.70586E-05	0	0	7.73794E-06	2.49611E-06	0	5.47074E-05	1.7596E-05	0	0	0.0013665	0.000188879	0.000220746	0.000129144	0.000198002	4.55886E-05
578565.014141456.41	578565.01	4141456.41	0.000596022	0.000767233	0.000101723	6.561E-05	3.8793E-06	7.07065E-07	0.000124411	2.57853E-06	1.49237E-05	5.1688E-05	1.71579E-05	3.11052E-05	7.05176E-06	3.37435E-07	5.69248E-05	1.75737E-05	7.98057E-05	6.60284E-05	2.12322E-05	1.08433E-05	4.81586E-07	3.75197E-05	0	9.71589E-05	6.27081E-05	7.85787E-05	1.39482E-05	0	1.7843E-06	7.22313E-06	0	2.21282E-05	4.01331E-05	0	0	8.38267E-06	2.70409E-06	0	5.92462E-05	1.90558E-05	0	0	0.0015997	0.000210779	0.00025655	0.000143935	0.000225358	5.16129E-05
578585.014141456.41	578585.01	4141456.41	0.000699009	0.000945034	0.000124191	8.01E-05	4.39462E-06	8.00989E-07	0.000161426	3.13524E-06	1.63404E-05	5.64313E-05	1.89529E-05	3.43595E-05	7.78953E-06	3.72738E-07	6.68363E-05	2.06311E-05	9.4087E-05	7.80012E-05	2.50822E-05	1.28094E-05	5.68911E-07	4.08852E-05	0	0.00010584	6.83109E-05	8.55995E-05	1.51925E-05	0	1.95296E-06	7.87104E-06	0	2.41053E-05	4.37189E-05	0	0	9.13458E-06	2.94664E-06	0	6.45397E-05	2.07584E-05	0	0	0.001915	0.00023841	0.000306209	0.000162212	0.000260206	5.9219E-05
578605.014141456.41	578605.01	4141456.41	0.000831582	0.001201412	0.000155135	0.0001001	5.01877E-06	9.14751E-07	0.000218017	3.92032E-06	1.793E-05	6.1805E-05	2.10277E-05	3.81208E-05	8.64226E-06	4.13542E-07	7.95016E-05	2.45384E-05	0.000112331	9.3335E-05	3.0013E-05	1.53276E-05	6.80751E-07	4.46359E-05	0	0.000115533	7.45672E-05	9.34391E-05	1.6583E-05	0	2.13617E-06	8.5931E-06	0	2.6313E-05	4.77229E-05	0	0	9.97256E-06	3.21695E-06	0	7.04505E-05	2.26595E-05	0	0	0.0023483	0.000273089	0.00037724	0.000184374	0.000303872	6.86809E-05
578625.014141456.41	578625.01	4141456.41	0.001012487	0.001603886	0.000201406	0.0001299	5.81235E-06	1.05939E-06	0.000312767	5.12496E-06	1.97962E-05	6.81982E-05	2.35331E-05	4.26627E-05	9.67193E-06	4.62813E-07	9.64422E-05	2.97645E-05	0.000136401	0.000113837	3.66057E-05	1.86944E-05	8.30284E-07	4.91287E-05	0	0.000127134	8.20545E-05	0.000102821	1.82466E-05	0	2.35825E-06	9.45803E-06	0	2.89551E-05	5.25148E-05	0	0	1.09763E-05	3.54075E-06	0	7.75245E-05	2.49348E-05	0	0	0.002994	0.000320598	0.000489497	0.000212731	0.000361068	8.10652E-05
578645.014141456.41	578645.01	4141456.41	0.001270182	0.00229116	0.000276131	0.0001781	6.84876E-06	1.2483E-06	0.00048412	7.11633E-06	2.20327E-05	7.59812E-05	2.661E-05	4.82408E-05	1.09365E-05	5.23325E-07	0.000119673	3.69309E-05	0.000168888	0.000141835	4.56089E-05	2.32924E-05	1.03449E-06	5.46346E-05	0	0.000141332	9.12184E-05	0.000114304	2.02815E-05	0	2.6351E-06	1.0518E-05	0	3.21888E-05	5.83796E-05	0	0	1.22065E-05	3.93757E-06	0	8.61824E-05	2.77195E-05	0	0	0.0040334	0.000390479	0.000682732	0.00024996	0.000437774	9.76553E-05
579045.014141456.41	579045.01	4141456.41	0.037285433	0.013018709	0.000895657	0.0005777	0.001143364	0.000208396	0.000697507	0.000185919	0.008139091	0.028770496	0.008207474	0.014879195	0.003373215	0.000161412	0.002709247	0.000837685	0.005207455	0.003735971	0.001201348	0.000613526	2.72488E-05	0.001042108	0	0.002700613	0.001743025	0.002184161	0.000387818	0	4.90472E-05	0.000200622	0	0.000615072	0.001115534	0	0	0.000232828	7.51058E-05	0	0.001646797	0.000529672	0	0	0.0549425	0.005648259	0.047461442	0.022471431	0.011503015	0.002371794
579065.014141456.41	579065.01	4141456.41	0.022273358	0.009318766	0.000727522	0.0004693	0.000687844	0.000125371	0.0005747	0.000117151	0.005995719	0.026835094	0.00770335	0.013965278	0.003166024	0.000151498	0.002029146	0.00062726	0.003845911	0.002819148	0.000906532	0.000462964	2.05618E-05	0.001143123	0	0.002962881	0.001912298	0.002396274	0.000425508	0	5.36779E-05	0.000220069	0	0.000674804	0.001223868	0	0	0.000255397	8.2386E-05	0	0.001806725	0.00058111	0	0	0.0364256	0.005465675	0.042725445	0.020791211	0.00918143	0.001971168
579085.014141456.41	579085.01	4141456.41	0.015057581	0.007157308	0.000603122	0.000389	0.000427155	7.78558E-05	0.000479498	7.72082E-05	0.003887744	0.020230995	0.006024342	0.010921431	0.002475963	0.000118478	0.001544862	0.000477504	0.002871724	0.002136916	0.000687152	0.000350927	1.55859E-05	0.001263313	0	0.003274955	0.002113716	0.002648669	0.000470357	0	5.91829E-05	0.000243207	0	0.00074588	0.001352776	0	0	0.00028225	9.10483E-05	0	0.001997024	0.000642318	0	0	0.0273563	0.005578561	0.03229627	0.016695759	0.007574216	0.001695982
579105.014141456.41	579105.01	4141456.41	0.011101499	0.005760801	0.000509057	0.0003283	0.000280428	5.11126E-05	0.000406098	5.3856E-05	0.002441982	0.013213255	0.004147709	0.007519314	0.00170468	8.15709E-05	0.001205401	0.000372568	0.002186958	0.001649233	0.000530331	0.000270839	1.20289E-05	0.001409132	0	0.003653611	0.002358108	0.002954913	0.000524777	0	6.58524E-05	0.00027128	0	0.00083212	0.001509186	0	0	0.000314828	0.000101558	0	0.002227923	0.000716584	0	0	0.0224341	0.005921796	0.022008042	0.01233498	0.00653824	0.001529783
579125.014141456.41	579125.01	4141456.41	0.008646785	0.004778962	0.000436196	0.0002814	0.000195232	3.55841E-05	0.00034891	3.96804E-05	0.001582255	0.008264795	0.002722026	0.004934716	0.001118734	5.35327E-05	0.000965593	0.000298461	0.001709793	0.001302188	0.000418735	0.000213847	9.49767E-06	0.001589065	0	0.004120918	0.002659716	0.003332854	0.000591941	0	7.40662E-05	0.00030592	0	0.00093855	0.001702215	0	0	0.000355029	0.000114526	0	0.002512881	0.000808236	0	0	0.0195719	0.006469153	0.014903727	0.009129819	0.005937849	0.001450316
579145.014141456.41	579145.01	4141456.41	0.006976834	0.004045494	0.000378259	0.000244	0.000143201	2.61006E-05	0.000303398	3.06E-05	0.001084014	0.00532519	0.001808782	0.003279112	0.000743397	3.55724E-05	0.00079206	0.000244856	0.001377317	0.001050646	0.000337848	0.000172538	7.66302E-06	0.001814352	0	0.004706336	0.003037556	0.00380632	0.0006761	0	8.42686E-05	0.000349291	0	0.001071881	0.001944032	0	0	0.000405363	0.000130762	0	0.002869861	0.000923055	0	0	0.0179213	0.007231057	0.010759625	0.007199536	0.005673443	0.001441104
579165.014141456.41	579165.01	4141456.41	0.005763189	0.00347309	0.000330928	0.0002135	0.000109417	1.9943E-05	0.000266247	2.44185E-05	0.000788461	0.003637249	0.001250347	0.002266733	0.000513884	2.45899E-05	0.000662318	0.000204792	0.001141943	0.000863145	0.000277555	0.000141747	6.29545E-06	0.002101357	0	0.005453463	0.003519765	0.00441057	0.00078358	0	9.69312E-05	0.000404544	0	0.001242041	0.002252646	0	0	0.000469485	0.000151447	0	0.003325449	0.001069589	0	0	0.017122	0.008253204	0.00851376	0.006189657	0.005686776	0.001495186
579185.014141456.41	579185.01	4141456.41	0.004853541	0.003019145	0.000292068	0.0001884	8.66477E-05	1.57929E-05	0.000235864	2.0056E-05	0.000607256	0.002658015	0.000909909	0.001649559	0.000373966	1.78947E-05	0.00056402	0.000174442	0.000972578	0.000722497	0.000232328	0.000118649	5.26962E-06	0.002491742	0	0.006471634	0.004176911	0.005234031	0.00093016	0	0.000113669	0.000479699	0	0.001473932	0.002673219	0	0	0.000556705	0.000179582	0	0.003946316	0.001269283	0	0	0.0171281	0.009685977	0.007444354	0.005835364	0.005995416	0.00162553
579205.014141456.41	579205.01	4141456.41	0.004150742	0.002651982	0.000259761	0.0001675	7.05723E-05	1.28629E-05	0.000210672	1.68456E-05	0.00048813	0.002059064	0.000693101	0.001256511	0.00028486	1.36309E-05	0.000487553	0.00015083	0.000845536	0.000614814	0.000197701	0.000100966	4.48422E-06	0.003039387	0	0.007903237	0.005100894	0.006391861	0.001136445	0	0.000136324	0.000585129	0	0.001799984	0.003264566	0	0	0.00067906	0.000219052	0	0.004819288	0.001550063	0	0	0.0180051	0.011730875	0.007138557	0.005986181	0.00664952	0.001853214
579225.014141456.41	579225.01	4141456.41	0.003596875	0.002351193	0.000232717	0.0001501	5.88198E-05	1.07209E-05	0.000189626	1.44102E-05	0.000404136	0.001666277	0.00054846	0.000994295	0.000225413	1.07863E-05	0.000426848	0.000132079	0.000746131	0.000531103	0.000170783	8.72183E-05	3.87367E-06	0.003847973	0	0.010023354	0.006469256	0.008106537	0.001442298	0	0.000168163	0.000740794	0	0.002282846	0.004140317	0	0	0.000859715	0.000277327	0	0.006112108	0.001965883	0	0	0.0200521	0.014784718	0.007467732	0.006657374	0.007798748	0.002227757
579245.014141456.41	579245.01	4141456.41	0.003145314	0.002097729	0.000209469	0.0001351	4.97981E-05	9.0765E-06	0.000171533	1.24797E-05	0.000340393	0.001384512	0.000445552	0.000807734	0.000183119	8.76245E-06	0.000376816	0.000116619	0.000663948	0.000463655	0.000149094	7.61419E-05	3.38172E-06	0.003356731	0	0.008747101	0.00564554	0.007074349	0.001258842	0	0.00014585	0.000646223	0	0.001992176	0.003613139	0	0	0.000749961	0.000241923	0	0.005333866	0.001715571	0	0	0.0175563	0.012904796	0.006406638	0.005739532	0.00682001	0.001944188
579265.014141456.41	579265.01	4141456.41	0.002777222	0.001884901	0.00018964	0.0001223	4.28149E-05	7.80371E-06	0.000156096	1.09415E-05	0.000290842	0.001173045	0.000370837	0.000672285	0.000152412	7.29307E-06	0.000335594	0.000103875	0.000595109	0.000409377	0.00013164	6.72284E-05	2.98584E-06	0.004272604	0	0.011162748	0.007204642	0.009028039	0.001608125	0	0.000178332	0.000822543	0	0.002542346	0.004610963	0	0	0.000954586	0.000307931	0	0.006806895	0.002189352	0	0	0.0202871	0.016397816	0.00716091	0.006733133	0.008223187	0.002391207
578385.014141476.41	578385.01	4141476.41	0.000232112	0.000257031	3.2516E-05	2.097E-05	1.7867E-06	3.25655E-07	3.22683E-05	8.95974E-07	7.73822E-06	2.76227E-05	8.91703E-06	1.61655E-05	3.66484E-06	1.75367E-07	2.29571E-05	7.1013E-06	3.48175E-05	2.50659E-05	8.06025E-06	4.11635E-06	1.82821E-07	2.13383E-05	0	5.53266E-05	3.57088E-05	4.47462E-05	7.94672E-06	0	9.97111E-07	4.10796E-06	0	1.26008E-05	2.28536E-05	0	0	4.76742E-06	1.53788E-06	0	3.37374E-05	1.08512E-05	0	0	0.0005983	0.000103215	0.00010342	7.05839E-05	0.00010226	2.32106E-05
578405.014141476.41	578405.01	4141476.41	0.000252299	0.00028236	3.58777E-05	2.314E-05	1.91656E-06	3.49324E-07	3.59332E-05	9.78654E-07	8.26005E-06	2.94371E-05	9.4935E-06	1.72106E-05	3.90176E-06	1.86704E-07	2.47774E-05	7.66336E-06	3.71444E-05	2.71156E-05	8.71935E-06	4.45295E-06	1.97771E-07	2.25195E-05	0	5.8386E-05	3.76834E-05	4.72206E-05	8.38598E-06	0	1.05308E-06	4.33535E-06	0	1.32976E-05	2.41174E-05	0	0	5.03131E-06	1.623E-06	0	3.5603E-05	1.14513E-05	0	0	0.0006514	0.000109962	0.000111524	7.52251E-05	0.000109149	2.48213E-05
578425.014141476.41	578425.01	4141476.41	0.000275448	0.000311787	3.98108E-05	2.568E-05	2.06333E-06	3.76074E-07	4.02951E-05	1.07439E-06	8.83862E-06	3.14388E-05	1.01308E-05	1.83659E-05	4.16368E-06	1.99237E-07	2.68588E-05	8.30585E-06	3.9753E-05	2.94699E-05	9.4764E-06	4.83958E-06	2.14942E-07	2.38148E-05	0	6.17478E-05	3.98531E-05	4.99394E-05	8.86901E-06	0	1.1128E-06	4.58472E-06	0	1.40632E-05	2.5506E-05	0	0	5.32071E-06	1.71636E-06	0	3.7653E-05	1.21106E-05	0	0	0.0007126	0.000117534	0.000120783	8.04143E-05	0.000116898	2.66415E-05
578445.014141476.41	578445.01	4141476.41	0.0003019	0.000345932	4.44112E-05	2.865E-05	2.22781E-06	4.06055E-07	4.55007E-05	1.18543E-06	9.47669E-06	3.36389E-05	1.08362E-05	1.96447E-05	4.45359E-06	2.13109E-07	2.92268E-05	9.03657E-06	4.27021E-05	3.21856E-05	1.03497E-05	5.28555E-06	2.34749E-07	2.52133E-05	0	6.53749E-05	4.21941E-05	5.28729E-05	9.39003E-06	0	1.17793E-06	4.85396E-06	0	1.48893E-05	2.70042E-05	0	0	5.63317E-06	1.81715E-06	0	3.98647E-05	1.2822E-05	0	0	0.0007828	0.000125941	0.000131355	8.61755E-05	0.000125606	2.86919E-05
578465.014141476.41	578465.01	4141476.41	0.00033345	0.000387181	5.00335E-05	3.227E-05	2.41992E-06	4.4107E-07	5.20086E-05	1.32003E-06	1.0205E-05	3.61276E-05	1.16437E-05	2.11087E-05	4.78548E-06	2.28991E-07	3.205E-05	9.90756E-06	4.62205E-05	3.54485E-05	1.13989E-05	5.8214E-06	2.58548E-07	2.6872E-05	0	6.96651E-05	4.49631E-05	5.63427E-05	1.00057E-05	0	1.25806E-06	5.17328E-06	0	1.58664E-05	2.87764E-05	0	0	6.00375E-06	1.93669E-06	0	4.24808E-05	1.36634E-05	0	0	0.0008672	0.000135998	0.00014405	9.29532E-05	0.000135994	3.11423E-05
578485.014141476.41	578485.01	4141476.41	0.000371552	0.000437861	5.7003E-05	3.677E-05	2.64666E-06	4.82397E-07	6.02995E-05	1.48539E-06	1.1041E-05	3.89763E-05	1.25777E-05	2.2802E-05	5.16936E-06	2.4736E-07	3.54686E-05	1.0962E-05	5.05161E-05	3.94343E-05	1.26806E-05	6.47594E-06	2.87619E-07	2.88345E-05	0	7.47155E-05	4.82227E-05	6.04273E-05	1.07289E-05	0	1.35934E-06	5.55109E-06	0	1.70167E-05	3.08625E-05	0	0	6.44221E-06	2.07813E-06	0	4.55605E-05	1.4654E-05	0	0	0.00097	0.000148064	0.000159518	0.000100992	0.000148551	3.40981E-05
578505.014141476.41	578505.01	4141476.41	0.000414582	0.00049664	6.50695E-05	4.197E-05	2.89525E-06	5.27706E-07	7.02339E-05	1.67626E-06	1.1938E-05	4.2007E-05	1.35823E-05	2.46231E-05	5.58223E-06	2.67116E-07	3.93289E-05	1.21526E-05	5.54533E-05	4.3988E-05	1.41449E-05	7.22375E-06	3.20832E-07	3.07758E-05	0	7.97505E-05	5.14724E-05	6.44994E-05	1.14522E-05	0	1.44967E-06	5.92482E-06	0	1.81634E-05	3.29423E-05	0	0	6.87594E-06	2.21804E-06	0	4.86308E-05	1.56415E-05	0	0	0.0010868	0.000160838	0.000176955	0.00010962	0.000162443	3.73309E-05
578525.014141476.41	578525.01	4141476.41	0.000471237	0.000575873	7.60513E-05	4.905E-05	3.21475E-06	5.85939E-07	8.42916E-05	1.93405E-06	1.30367E-05	4.57061E-05	1.4835E-05	2.6894E-05	6.09706E-06	2.91751E-07	4.44684E-05	1.37376E-05	6.2163E-05	5.00544E-05	1.60956E-05	8.21999E-06	3.65078E-07	3.33887E-05	0	8.6447E-05	5.57945E-05	6.99153E-05	1.24096E-05	0	1.59148E-06	6.42784E-06	0	1.96885E-05	3.57084E-05	0	0	7.45971E-06	2.40636E-06	0	5.27142E-05	1.69549E-05	0	0	0.001243	0.000177978	0.000200507	0.000120919	0.000181076	4.16355E-05
578545.014141476.41	578545.01	4141476.41	0.000530547	0.000663572	8.78507E-05	5.666E-05	3.53342E-06	6.44022E-07	0.000100297	2.2139E-06	1.41112E-05	4.92987E-05	1.6056E-05	2.91077E-05	6.5989E-06	3.15765E-07	4.98415E-05	1.53946E-05	6.94359E-05	5.65028E-05	1.81692E-05	9.27896E-06	4.12111E-07	3.55661E-05	0	9.21457E-05	5.94725E-05	7.45242E-05	1.32311E-05	0	1.67986E-06	6.84703E-06	0	2.09864E-05	3.80624E-05	0	0	7.94619E-06	2.56329E-06	0	5.61892E-05	1.80726E-05	0	0	0.0014097	0.000194195	0.000225366	0.000131872	0.000200086	4.59328E-05
578565.014141476.41	578565.01	4141476.41	0.000610819	0.000787935	0.000104463	6.738E-05	3.95186E-06	7.20289E-07	0.000124194	2.60839E-06	1.54418E-05	5.37287E-05	1.7603E-05	3.19122E-05	7.2347E-06	3.46189E-07	5.71882E-05	1.76604E-05	7.95972E-05	6.53159E-05	2.10031E-05	1.07263E-05	4.7639E-07	3.85749E-05	0	9.99183E-05	6.44891E-05	8.08104E-05	1.43459E-05	0	1.82766E-06	7.42626E-06	0	2.27567E-05	4.12729E-05	0	0	8.61841E-06	2.78013E-06	0	6.09288E-05	1.9597E-05	0	0	0.0016417	0.000216631	0.000260653	0.000146573	0.000226283	5.18028E-05
578585.014141476.41	578585.01	4141476.41	0.000713062	0.000959083	0.000126615	8.167E-05	4.46058E-06	8.13011E-07	0.000158836	3.14154E-06	1.6969E-05	5.88029E-05	1.94151E-05	3.51973E-05	7.97947E-06	3.81827E-07	6.65811E-05	2.05575E-05	9.28577E-05	7.66382E-05	2.46439E-05	1.25856E-05	5.5897E-07	4.20702E-05	0	0.000108946	7.03154E-05	8.81113E-05	1.56405E-05	0	1.99992E-06	8.09916E-06	0	2.48126E-05	4.50018E-05	0	0	9.39933E-06	3.03204E-06	0	6.64335E-05	2.13675E-05	0	0	0.0019498	0.000244555	0.00030853	0.000164541	0.000259519	5.9156E-05
578605.014141476.41	578605.01	4141476.41	0.000846205	0.001207117	0.00015722	0.0001014	5.08679E-06	9.27149E-07	0.000212151	3.89736E-06	1.87275E-05	6.4645E-05	2.15483E-05	3.90645E-05	8.85619E-06	4.23779E-07	7.87913E-05	2.43237E-05	0.000110309	9.14247E-05	2.93987E-05	1.50139E-05	6.66818E-07	4.61646E-05	0	0.00011951	7.71342E-05	9.66559E-05	1.71551E-05	0	2.20415E-06	8.8874E-06	0	2.72188E-05	4.93658E-05	0	0	1.03141E-05	3.32713E-06	0	7.28759E-05	2.34396E-05	0	0	0.0023762	0.000280286	0.000377361	0.000186816	0.000302261	6.85191E-05
578625.014141476.41	578625.01	4141476.41	0.001024494	0.001591755	0.000201602	0.00013	5.87007E-06	1.06991E-06	0.000300969	5.04183E-06	2.07631E-05	7.14302E-05	2.40804E-05	4.36549E-05	9.89686E-06	4.73576E-07	9.49605E-05	2.93111E-05	0.000133443	0.00011109	3.57224E-05	1.82434E-05	8.10251E-07	5.09869E-05	0	0.000131953	8.51636E-05	0.000106717	1.89384E-05	0	2.44529E-06	9.81576E-06	0	3.00522E-05	5.45046E-05	0	0	1.13915E-05	3.67467E-06	0	8.0462E-05	2.58796E-05	0	0	0.0030008	0.000327787	0.000484606	0.000214882	0.000357981	8.06556E-05
578645.014141476.41	578645.01	4141476.41	0.001275983	0.002255879	0.000271748	0.0001753	6.88833E-06	1.25551E-06	0.000466621	6.96222E-06	2.31821E-05	7.95621E-05	2.71743E-05	4.92639E-05	1.11685E-05	5.34423E-07	0.000117206	3.61728E-05	0.000164928	0.000138175	4.44318E-05	2.26912E-05	1.0078E-06	5.69019E-05	0	0.000147195	9.50022E-05	0.000119046	2.11227E-05	0	2.74509E-06	1.09545E-05	0	3.3524E-05	6.08013E-05	0	0	1.2713E-05	4.10098E-06	0	8.97574E-05	2.88693E-05	0	0	0.0040077	0.000396217	0.000673104	0.000251687	0.000433134	9.70002E-05
579065.014141476.41	579065.01	4141476.41	0.019291436	0.008631189	0.000675957	0.000436	0.00062427	0.000113783	0.000543484	0.00010668	0.006647394	0.034583001	0.009799073	0.017764579	0.004027351	0.000192713	0.001936381	0.000598556	0.003686005	0.002737171	0.000880171	0.000449501	1.99639E-05	0.001352743	0	0.0035071	0.002263547	0.00283642	0.000503716	0	6.32943E-05	0.000260424	0	0.000798752	0.001448668	0	0	0.00030223	9.74936E-05	0	0.002138583	0.000687848	0	0	0.0334584	0.006160237	0.053419602	0.025671922	0.009257809	0.002037485
579085.014141476.41	579085.01	4141476.41	0.013483198	0.006708297	0.000563224	0.0003633	0.000382814	6.9774E-05	0.000454075	6.9862E-05	0.003866199	0.023017161	0.006864583	0.01244469	0.002821296	0.000135002	0.001469102	0.000454099	0.002715007	0.002046798	0.000658173	0.000336128	1.49286E-05	0.001520601	0	0.003943066	0.002544927	0.003189013	0.000566377	0	7.09517E-05	0.000292739	0	0.000898044	0.00162875	0	0	0.000339733	0.000109591	0	0.002404429	0.000773354	0	0	0.0262184	0.006480039	0.036169765	0.018838574	0.007729923	0.001782583
579105.014141476.41	579105.01	4141476.41	0.01011546	0.005418225	0.000476345	0.0003072	0.000248988	4.5382E-05	0.000384674	4.85817E-05	0.002270289	0.013303386	0.004220201	0.007650733	0.001734473	8.29965E-05	0.00114583	0.000354202	0.002060181	0.001566204	0.000503632	0.000257204	1.14233E-05	0.001722905	0	0.004469082	0.002884427	0.003614437	0.000642014	0	8.00328E-05	0.000331686	0	0.001017846	0.00184603	0	0	0.000384932	0.000124171	0	0.002725187	0.000876522	0	0	0.022202	0.007055099	0.022344091	0.012844994	0.006829951	0.001648781
579125.014141476.41	579125.01	4141476.41	0.007948044	0.004495238	0.000408581	0.0002635	0.000173729	3.16648E-05	0.000330736	3.59577E-05	0.001442013	0.007721362	0.002564689	0.004649482	0.001054069	5.04384E-05	0.000920788	0.000284683	0.001623773	0.001232897	0.000396453	0.000202468	8.99229E-06	0.001977549	0	0.005131817	0.003312169	0.004150433	0.000737345	0	9.13054E-05	0.000380709	0	0.001168785	0.002119784	0	0	0.000441824	0.000142524	0	0.003129313	0.001006504	0	0	0.0199612	0.00789987	0.014504566	0.009236386	0.006413191	0.001614417
579145.014141476.41	579145.01	4141476.41	0.006452974	0.003807502	0.000354931	0.0002289	0.000128892	2.34926E-05	0.000288276	2.80063E-05	0.001003456	0.004886803	0.001655305	0.003000876	0.000680319	3.2554E-05	0.000760213	0.000235091	0.001329112	0.000997479	0.000320751	0.000163807	7.27523E-06	0.002315427	0	0.006011856	0.003880162	0.004862178	0.000863973	0	0.000106091	0.000445756	0	0.001369216	0.002483299	0	0	0.000517313	0.000166875	0	0.00366595	0.001179107	0	0	0.0189427	0.009100167	0.010670375	0.007474574	0.006394506	0.00167094
579165.014141476.41	579165.01	4141476.41	0.005361505	0.003274765	0.000311383	0.0002008	9.99676E-05	1.82207E-05	0.000253935	2.26096E-05	0.000750559	0.003398247	0.001147324	0.002079965	0.000471542	2.25638E-05	0.000640727	0.00019819	0.001120875	0.000824986	0.000265284	0.00013548	6.01714E-06	0.002783491	0	0.007233175	0.004668424	0.005849938	0.00103983	0	0.00012602	0.000535865	0	0.001647375	0.002987786	0	0	0.000621888	0.000200609	0	0.004410694	0.001418644	0	0	0.0189643	0.010819175	0.008940286	0.006824472	0.006755354	0.001825426
579185.014141476.41	579185.01	4141476.41	0.004522563	0.002845135	0.000274855	0.0001773	7.98146E-05	1.45475E-05	0.000225167	1.8678E-05	0.000587711	0.002537434	0.000839925	0.001522686	0.000345203	1.65184E-05	0.00054733	0.000169344	0.000963462	0.000692831	0.000222788	0.000113778	5.05325E-06	0.003438222	0	0.008949413	0.005776115	0.007237971	0.001287393	0	0.000151921	0.000661911	0	0.002038253	0.003696707	0	0	0.000768168	0.000247796	0	0.005457233	0.00175525	0	0	0.0200302	0.013271186	0.00836294	0.006896614	0.007530665	0.002096869
579205.014141476.41	579205.01	4141476.41	0.003876709	0.002500322	0.000244716	0.0001578	6.55536E-05	1.19482E-05	0.000201479	1.57806E-05	0.000476325	0.002000693	0.000647195	0.001173289	0.000265993	1.2728E-05	0.000474561	0.00014686	0.000841644	0.000592474	0.000190517	9.72968E-05	4.32129E-06	0.004448521	0	0.011606677	0.007491162	0.009387073	0.001671198	0	0.000189624	0.000856409	0	0.002643452	0.004794335	0	0	0.000993889	0.000320609	0	0.007077597	0.00227642	0	0	0.0226769	0.017101634	0.008714104	0.007714795	0.008979185	0.002568556
579225.014141476.41	579225.01	4141476.41	0.003366737	0.002218116	0.000219491	0.0001416	5.50094E-05	1.00263E-05	0.000181665	1.35634E-05	0.000394807	0.001631606	0.000517509	0.000938183	0.000212692	1.01776E-05	0.000416297	0.000128849	0.000743133	0.000514179	0.000165341	8.44391E-05	3.75023E-06	0.003596364	0	0.009381981	0.006055302	0.007587817	0.001350799	0	0.000153633	0.000692356	0	0.002136772	0.003875387	0	0	0.0008035	0.000259194	0	0.005721007	0.00184009	0	0	0.0187827	0.013839703	0.007082737	0.006256237	0.007366361	0.00209362
578385.014141496.41	578385.01	4141496.41	0.000238579	0.000265631	3.3542E-05	2.163E-05	1.8304E-06	3.3362E-07	3.33652E-05	9.21484E-07	7.83742E-06	2.79963E-05	9.11405E-06	1.65227E-05	3.74581E-06	1.79241E-07	2.36506E-05	7.31666E-06	3.64702E-05	2.57371E-05	8.27608E-06	4.22657E-06	1.87717E-07	2.1659E-05	0	5.61393E-05	3.62334E-05	4.54035E-05	8.0624E-06	0	1.01677E-06	4.16968E-06	0	1.27859E-05	2.31893E-05	0	0	4.83905E-06	1.56098E-06	0	3.4233E-05	1.10106E-05	0	0	0.0006155	0.000105102	0.000105603	7.21268E-05	0.000105318	2.3701E-05
578405.014141496.41	578405.01	4141496.41	0.000259802	0.000292596	3.70956E-05	2.393E-05	1.96686E-06	3.58491E-07	3.72208E-05	1.00822E-06	8.37233E-06	2.98699E-05	9.71484E-06	1.76119E-05	3.99273E-06	1.91057E-07	2.55726E-05	7.91062E-06	3.90694E-05	2.78332E-05	8.95012E-06	4.5708E-06	2.03005E-07	2.29045E-05	0	5.93611E-05	3.83128E-05	4.80092E-05	8.52471E-06	0	1.07694E-06	4.40948E-06	0	1.35197E-05	2.45201E-05	0	0	5.11734E-06	1.65075E-06	0	3.61976E-05	1.16425E-05	0	0	0.0006718	0.000112216	0.000114075	7.70057E-05	0.000112662	2.53664E-05
578425.014141496.41	578425.01	4141496.41	0.000283799	0.000323639	4.12038E-05	2.658E-05	2.11774E-06	3.85993E-07	4.17441E-05	1.1074E-06	8.95978E-06	3.19214E-05	1.03716E-05	1.88025E-05	4.26265E-06	2.03973E-07	2.77289E-05	8.57682E-06	4.19097E-05	3.01978E-05	9.71049E-06	4.95912E-06	2.20252E-07	2.42325E-05	0	6.28063E-05	4.05363E-05	5.07955E-05	9.01967E-06	0	1.13846E-06	4.66513E-06	0	1.43043E-05	2.59432E-05	0	0	5.41402E-06	1.74646E-06	0	3.82985E-05	1.23182E-05	0	0	0.0007357	0.000120027	0.000123618	8.23553E-05	0.000120729	2.72081E-05
578445.014141496.41	578445.01	4141496.41	0.000311493	0.000360033	4.60462E-05	2.97E-05	2.28842E-06	4.171E-07	4.71735E-05	1.22324E-06	9.61447E-06	3.42083E-05	1.11061E-05	2.01342E-05	4.56455E-06	2.18419E-07	3.01904E-05	9.33707E-06	4.50994E-05	3.29342E-05	1.05904E-05	5.40849E-06	2.4021E-07	2.56909E-05	0	6.65955E-05	4.2982E-05	5.38601E-05	9.56437E-06	0	1.20464E-06	4.94589E-06	0	1.51673E-05	2.75084E-05	0	0	5.73986E-06	1.85157E-06	0	4.06091E-05	1.30614E-05	0	0	0.0008099	0.000128831	0.000134625	8.83558E-05	0.000129831	2.93005E-05
578465.014141496.41	578465.01	4141496.41	0.000344171	0.000403734	5.19188E-05	3.349E-05	2.48547E-06	4.53017E-07	5.38796E-05	1.36189E-06	1.03609E-05	3.67924E-05	1.1938E-05	2.16422E-05	4.90644E-06	2.34779E-07	3.30784E-05	1.02288E-05	4.87788E-05	3.61713E-05	1.16313E-05	5.9401E-06	2.6382E-07	2.73871E-05	0	7.09835E-05	4.5814E-05	5.74089E-05	1.01941E-05	0	1.28642E-06	5.27243E-06	0	1.61667E-05	2.93209E-05	0	0	6.11882E-06	1.97381E-06	0	4.32848E-05	1.3922E-05	0	0	0.0008982	0.000139197	0.000147705	9.53017E-05	0.000140437	3.17573E-05
578485.014141496.41	578485.01	4141496.41	0.000383599	0.000457406	5.92011E-05	3.819E-05	2.71798E-06	4.95396E-07	6.23942E-05	1.53205E-06	1.12199E-05	3.97579E-05	1.29012E-05	2.33884E-05	5.30232E-06	2.53722E-07	3.65475E-05	1.12996E-05	5.31585E-05	4.00951E-05	1.28931E-05	6.58447E-06	2.92439E-07	2.9386E-05	0	7.61434E-05	4.91443E-05	6.15821E-05	1.09339E-05	0	1.3856E-06	5.65726E-06	0	1.73419E-05	3.14523E-05	0	0	6.56542E-06	2.11788E-06	0	4.64312E-05	1.4934E-05	0	0	0.0010057	0.00015163	0.000163619	0.00010351	0.000153102	3.4704E-05
578505.014141496.41	578505.01	4141496.41	0.000428293	0.000519941	6.76804E-05	4.365E-05	2.97399E-06	5.42058E-07	7.26001E-05	1.72908E-06	1.21525E-05	4.29648E-05	1.39423E-05	2.52757E-05	5.73018E-06	2.74196E-07	4.04558E-05	1.25057E-05	5.80715E-05	4.45662E-05	1.43308E-05	7.31876E-06	3.25049E-07	3.14231E-05	0	8.1429E-05	5.25558E-05	6.58569E-05	1.16933E-05	0	1.47984E-06	6.04943E-06	0	1.85457E-05	3.36356E-05	0	0	7.02055E-06	2.26469E-06	0	4.96543E-05	1.59707E-05	0	0	0.0011288	0.000165041	0.000181699	0.000112392	0.000167062	3.79453E-05
578525.014141496.41	578525.01	4141496.41	0.000487701	0.000604559	7.9363E-05	5.119E-05	3.30668E-06	6.02695E-07	8.71127E-05	1.99692E-06	1.33151E-05	4.69311E-05	1.52582E-05	2.76613E-05	6.27101E-06	3.00075E-07	4.56744E-05	1.41158E-05	6.46849E-05	5.05707E-05	1.62616E-05	8.30477E-06	3.68843E-07	3.41845E-05	0	8.85072E-05	5.71242E-05	7.15815E-05	1.27053E-05	0	1.62944E-06	6.58104E-06	0	2.01578E-05	3.65594E-05	0	0	7.6375E-06	2.46371E-06	0	5.39705E-05	1.73589E-05	0	0	0.0012943	0.000183202	0.00020629	0.000124104	0.000185806	4.22942E-05
578545.014141496.41	578545.01	4141496.41	0.000548862	0.00069648	9.17421E-05	5.917E-05	3.63236E-06	6.62056E-07	0.000103265	2.28218E-06	1.44487E-05	5.07832E-05	1.6523E-05	2.99543E-05	6.79084E-06	3.2495E-07	5.09941E-05	1.57569E-05	7.15454E-05	5.68023E-05	1.82655E-05	9.32814E-06	4.14295E-07	3.65286E-05	0	9.46423E-05	6.10839E-05	7.65434E-05	1.35898E-05	0	1.72457E-06	7.03233E-06	0	2.1555E-05	3.90936E-05	0	0	8.16123E-06	2.63265E-06	0	5.77116E-05	1.85622E-05	0	0	0.0014683	0.000200434	0.000231866	0.000135319	0.000204449	4.65701E-05
578565.014141496.41	578565.01	4141496.41	0.00062955	0.000822285	0.000108722	7.013E-05	4.04915E-06	7.38022E-07	0.00012656	2.67202E-06	1.58325E-05	5.54538E-05	1.8087E-05	3.27897E-05	7.43364E-06	3.55708E-07	5.80471E-05	1.79325E-05	8.08666E-05	6.51094E-05	2.09367E-05	1.06923E-05	4.74884E-07	3.95787E-05	0	0.000102539	6.61803E-05	8.29297E-05	1.47233E-05	0	1.87013E-06	7.61952E-06	0	2.33535E-05	4.23553E-05	0	0	8.84268E-06	2.85248E-06	0	6.25267E-05	2.01109E-05	0	0	0.0017027	0.000223286	0.00026691	0.000149824	0.000229288	5.22149E-05
578585.014141496.41	578585.01	4141496.41	0.000732684	0.000993354	0.000131415	8.476E-05	4.55828E-06	8.3082E-07	0.000159966	3.19601E-06	1.74497E-05	6.0871E-05	1.99332E-05	3.61365E-05	8.1924E-06	3.92016E-07	6.7063E-05	2.07135E-05	9.31003E-05	7.58224E-05	2.43816E-05	1.24516E-05	5.5302E-07	4.32276E-05	0	0.000111969	7.22667E-05	9.05565E-05	1.6076E-05	0	2.04839E-06	8.32198E-06	0	2.55012E-05	4.62506E-05	0	0	9.65792E-06	3.11546E-06	0	6.82771E-05	2.19605E-05	0	0	0.0020127	0.000252146	0.000314194	0.000167692	0.000261029	5.93468E-05
578605.014141496.41	578605.01	4141496.41	0.000865847	0.001235071	0.000162346	0.0001047	5.17996E-06	9.4413E-07	0.000210093	3.92332E-06	1.93233E-05	6.71162E-05	2.21004E-05	4.00655E-05	9.08312E-06	4.34637E-07	7.86703E-05	2.42938E-05	0.000109247	8.97468E-05	2.88592E-05	1.47383E-05	6.54579E-07	4.74984E-05	0	0.000123012	7.93941E-05	9.94877E-05	1.76604E-05	0	2.25562E-06	9.14418E-06	0	2.80163E-05	5.08122E-05	0	0	1.06121E-05	3.42326E-06	0	7.5011E-05	2.41264E-05	0	0	0.0024338	0.000288777	0.000380577	0.000189678	0.000301721	6.83784E-05
578625.014141496.41	578625.01	4141496.41	0.001043044	0.001602255	0.000206466	0.0001332	5.95376E-06	1.08517E-06	0.000291769	5.00176E-06	2.15096E-05	7.43767E-05	2.46665E-05	4.47176E-05	1.01378E-05	4.85104E-07	9.3985E-05	2.90177E-05	0.000130917	0.000108276	3.48176E-05	1.77813E-05	7.89728E-07	5.25914E-05	0	0.000136169	8.7886E-05	0.000110129	1.95475E-05	0	2.50576E-06	1.01247E-05	0	3.10129E-05	5.62469E-05	0	0	1.175E-05	3.79032E-06	0	8.3034E-05	2.67069E-05	0	0	0.0030405	0.000337141	0.000481599	0.000217322	0.000355035	8.00955E-05
578645.014141496.41	578645.01	4141496.41	0.00129488	0.002237281	0.000275539	0.0001777	6.97202E-06	1.27076E-06	0.000445729	6.81787E-06	2.41652E-05	8.31712E-05	2.78554E-05	5.04985E-05	1.14484E-05	5.47817E-07	0.000115371	3.56139E-05	0.000161232	0.000134323	4.31933E-05	2.20587E-05	9.79704E-07	5.90817E-05	0	0.000152887	9.86761E-05	0.00012365	2.19425E-05	0	2.83678E-06	1.13741E-05	0	3.48204E-05	6.31526E-05	0	0	1.32E-05	4.25808E-06	0	9.32284E-05	2.99858E-05	0	0	0.0040197	0.000407023	0.000659983	0.000254219	0.000428655	9.62175E-05
579085.014141496.41	579085.01	4141496.41	0.011763204	0.006146713	0.000516452	0.0003331	0.000330043	6.01556E-05	0.000426238	6.12768E-05	0.003593407	0.025028629	0.00736661	0.013354806	0.003027626	0.000144875	0.001387385	0.000428914	0.002544067	0.001928851	0.000620246	0.000316758	1.40683E-05	0.001886888	0	0.004895399	0.00315958	0.003959227	0.000703311	0	8.74094E-05	0.000363255	0	0.00111494	0.002022128	0	0	0.000421569	0.00013599	0	0.002985149	0.000960136	0	0	0.0252087	0.007781968	0.038805232	0.020358389	0.008022971	0.001911208
579105.014141496.41	579105.01	4141496.41	0.008997304	0.004985415	0.000438786	0.000283	0.000215243	3.92315E-05	0.000362347	4.29197E-05	0.00204524	0.012662074	0.004016675	0.007281765	0.001650826	7.89939E-05	0.001089452	0.000336868	0.001955096	0.001476694	0.000474849	0.000242504	1.07705E-05	0.002192081	0	0.005690262	0.003672599	0.004602084	0.00081768	0	0.000100776	0.00042201	0	0.001295973	0.00235046	0	0	0.000489755	0.000157986	0	0.003469846	0.001116032	0	0	0.0223038	0.008772949	0.021804926	0.012941251	0.007396489	0.001844156
579125.014141496.41	579125.01	4141496.41	0.007141823	0.004143562	0.000377266	0.0002433	0.000152141	2.77301E-05	0.000312162	3.21512E-05	0.00132146	0.00700242	0.002303011	0.00417509	0.000946521	4.52921E-05	0.000880664	0.000272378	0.0015673	0.001164968	0.00037461	0.000191312	8.49684E-06	0.002583202	0	0.006711529	0.004331744	0.005428049	0.000964773	0	0.000117249	0.000497306	0	0.001528569	0.002772311	0	0	0.000577139	0.000186174	0	0.004092601	0.001316334	0	0	0.0209574	0.010155275	0.014106831	0.009397019	0.007283422	0.001890753
579145.014141496.41	579145.01	4141496.41	0.005841259	0.003516564	0.000328484	0.0002119	0.000114704	2.09066E-05	0.000272714	2.53584E-05	0.000946433	0.004492499	0.00148018	0.002683395	0.000608344	2.91099E-05	0.000731212	0.000226213	0.001302655	0.000947094	0.00030455	0.000155533	6.90775E-06	0.003132324	0	0.008147729	0.005258694	0.006589598	0.001171761	0	0.000139779	0.000603021	0	0.001855667	0.003365558	0	0	0.000699824	0.00022575	0	0.004968377	0.001598016	0	0	0.0209664	0.012174871	0.01100832	0.008117443	0.007670088	0.002065006
579165.014141496.41	579165.01	4141496.41	0.004883895	0.003031871	0.000288936	0.0001864	9.02859E-05	1.6456E-05	0.000240879	2.06982E-05	0.000721343	0.003215264	0.001042115	0.001889233	0.000428302	2.04947E-05	0.000619254	0.000191621	0.001109212	0.000788241	0.000253469	0.000129446	5.74914E-06	0.00396899	0	0.010342978	0.006675547	0.008365038	0.001488538	0	0.000172345	0.000764092	0	0.002355641	0.004272343	0	0	0.000886752	0.000286049	0	0.00630701	0.00202857	0	0	0.0225167	0.015317238	0.010037371	0.008116379	0.008682133	0.002417234
579185.014141496.41	579185.01	4141496.41	0.004144899	0.002641839	0.000255865	0.000165	7.30438E-05	1.33134E-05	0.000214286	1.72662E-05	0.000569208	0.002449849	0.000777679	0.001409841	0.000319621	1.52942E-05	0.000531251	0.00016442	0.000957602	0.000666769	0.000214408	0.000109498	4.86316E-06	0.004435721	0	0.011583133	0.007475966	0.009368032	0.001668362	0	0.000186596	0.000853945	0	0.00263809	0.00478461	0	0	0.000991029	0.000319687	0	0.00706324	0.002271802	0	0	0.0230615	0.017082078	0.009388594	0.008051646	0.009171717	0.002600571
579205.014141496.41	579205.01	4141496.41	0.003567895	0.002325863	0.000228267	0.0001472	6.0515E-05	1.10298E-05	0.000192106	1.46794E-05	0.000460857	0.001942238	0.000606915	0.001100266	0.000249438	1.19359E-05	0.000461435	0.000142831	0.000835758	0.000573021	0.000184262	9.41021E-05	4.1794E-06	0.003074965	0	0.008017226	0.005174465	0.006484051	0.001154048	0	0.000132509	0.000591978	0	0.001825945	0.003311652	0	0	0.000687009	0.000221616	0	0.004888797	0.00157242	0	0	0.0172142	0.011866265	0.006932305	0.005821735	0.006662022	0.001854964
578385.014141516.41	578385.01	4141516.41	0.000244306	0.00027296	3.44971E-05	2.225E-05	1.86915E-06	3.40683E-07	3.44107E-05	9.44892E-07	7.96751E-06	2.84086E-05	9.27215E-06	1.68093E-05	3.81079E-06	1.82351E-07	2.42233E-05	7.49387E-06	3.7688E-05	2.63618E-05	8.47696E-06	4.32916E-06	1.92273E-07	2.17972E-05	0	5.65019E-05	3.64674E-05	4.56968E-05	8.11472E-06	0	1.02217E-06	4.19629E-06	0	1.28685E-05	2.33391E-05	0	0	4.86993E-06	1.57094E-06	0	3.44541E-05	1.10817E-05	0	0	0.0006301	0.000106284	0.000107546	7.32348E-05	0.000107569	2.40801E-05
578405.014141516.41	578405.01	4141516.41	0.000266968	0.000301895	3.83301E-05	2.472E-05	2.01427E-06	3.67133E-07	3.85672E-05	1.03778E-06	8.52247E-06	3.03621E-05	9.90943E-06	1.79646E-05	4.07271E-06	1.94884E-07	2.62797E-05	8.12972E-06	4.06258E-05	2.85664E-05	9.18586E-06	4.6912E-06	2.08352E-07	2.31553E-05	0	6.00067E-05	3.87294E-05	4.85313E-05	8.61717E-06	0	1.08984E-06	4.45776E-06	0	1.36667E-05	2.47868E-05	0	0	5.17337E-06	1.66883E-06	0	3.65913E-05	1.17691E-05	0	0	0.0006904	0.000113998	0.000116598	7.84721E-05	0.000115582	2.58545E-05
578425.014141516.41	578425.01	4141516.41	0.000292647	0.000335351	4.27804E-05	2.759E-05	2.17546E-06	3.96512E-07	4.34536E-05	1.14401E-06	9.13341E-06	3.25089E-05	1.06075E-05	1.92302E-05	4.35962E-06	2.08613E-07	2.85871E-05	8.84303E-06	4.38499E-05	3.10497E-05	9.98442E-06	5.09902E-06	2.26465E-07	2.46102E-05	0	6.37534E-05	4.11476E-05	5.15615E-05	9.15387E-06	0	1.16427E-06	4.73785E-06	0	1.452E-05	2.63344E-05	0	0	5.49842E-06	1.77368E-06	0	3.8876E-05	1.2504E-05	0	0	0.0007591	0.000122478	0.00012682	8.42183E-05	0.000124392	2.78139E-05
578445.014141516.41	578445.01	4141516.41	0.000321593	0.000373838	4.79064E-05	3.09E-05	2.35273E-06	4.28822E-07	4.91729E-05	1.26541E-06	9.79975E-06	3.4849E-05	1.13664E-05	2.0606E-05	4.67152E-06	2.23537E-07	3.11507E-05	9.63539E-06	4.73691E-05	3.38222E-05	1.08759E-05	5.55432E-06	2.46686E-07	2.61047E-05	0	6.76483E-05	4.36614E-05	5.47116E-05	9.71443E-06	0	1.2291E-06	5.02556E-06	0	1.54071E-05	2.79433E-05	0	0	5.83232E-06	1.88139E-06	0	4.1251E-05	1.32679E-05	0	0	0.0008371	0.000131626	0.000138258	9.04273E-05	0.000133959	2.99448E-05
578465.014141516.41	578465.01	4141516.41	0.000355795	0.000420245	5.41293E-05	3.491E-05	2.5572E-06	4.66092E-07	5.62421E-05	1.41066E-06	1.05591E-05	3.75036E-05	1.22299E-05	2.21714E-05	5.0264E-06	2.40519E-07	3.41529E-05	1.0563E-05	5.13825E-05	3.70903E-05	1.19268E-05	6.09101E-06	2.70523E-07	2.78427E-05	0	7.21506E-05	4.65673E-05	5.83529E-05	1.03609E-05	0	1.31132E-06	5.36016E-06	0	1.64325E-05	2.9803E-05	0	0	6.22063E-06	2.00665E-06	0	4.39965E-05	1.41509E-05	0	0	0.0009302	0.000142391	0.000151876	9.76148E-05	0.000145039	3.24393E-05
578485.014141516.41	578485.01	4141516.41	0.000396655	0.000476881	6.17953E-05	3.986E-05	2.79631E-06	5.09673E-07	6.51199E-05	1.58727E-06	1.14312E-05	4.05404E-05	1.32174E-05	2.39617E-05	5.43228E-06	2.59941E-07	3.77021E-05	1.16594E-05	5.60375E-05	4.09883E-05	1.31803E-05	6.73115E-06	2.98953E-07	2.98762E-05	0	7.73867E-05	4.99468E-05	6.25877E-05	1.11109E-05	0	1.41546E-06	5.75162E-06	0	1.7625E-05	3.19659E-05	0	0	6.67494E-06	2.15321E-06	0	4.71894E-05	1.51779E-05	0	0	0.0010426	0.000155189	0.000168309	0.000105997	0.000158028	3.53883E-05
578505.014141516.41	578505.01	4141516.41	0.000443707	0.000544029	7.08878E-05	4.572E-05	3.06345E-06	5.58363E-07	7.59164E-05	1.79465E-06	1.23901E-05	4.38745E-05	1.43023E-05	2.59283E-05	5.87813E-06	2.81275E-07	4.17407E-05	1.29066E-05	6.12408E-05	4.54645E-05	1.46197E-05	7.46624E-06	3.31601E-07	3.2004E-05	0	8.29221E-05	5.35194E-05	6.70644E-05	1.1907E-05	0	1.5103E-06	6.16126E-06	0	1.88857E-05	3.42524E-05	0	0	7.15034E-06	2.30656E-06	0	5.05648E-05	1.62635E-05	0	0	0.0011736	0.000169371	0.000187301	0.000115231	0.000172483	3.8681E-05
578525.014141516.41	578525.01	4141516.41	0.000506938	0.000636004	8.36131E-05	5.393E-05	3.41387E-06	6.22232E-07	9.14343E-05	2.0796E-06	1.36077E-05	4.80727E-05	1.56911E-05	2.84462E-05	6.44895E-06	3.0859E-07	4.71519E-05	1.45771E-05	6.81326E-05	5.15155E-05	1.65654E-05	8.45993E-06	3.75735E-07	3.49032E-05	0	9.03723E-05	5.83279E-05	7.30899E-05	1.29733E-05	0	1.6626E-06	6.7194E-06	0	2.05825E-05	3.73298E-05	0	0	7.79807E-06	2.51551E-06	0	5.51078E-05	1.77247E-05	0	0	0.0013518	0.000188763	0.000213445	0.000127484	0.000191849	4.31258E-05
578545.014141516.41	578545.01	4141516.41	0.000569982	0.000733577	9.67304E-05	6.239E-05	3.74655E-06	6.8287E-07	0.000108126	2.37386E-06	1.47636E-05	5.20717E-05	1.69852E-05	3.07921E-05	6.98078E-06	3.34038E-07	5.24506E-05	1.62128E-05	7.48423E-05	5.75199E-05	1.84962E-05	9.44599E-06	4.19529E-07	3.73549E-05	0	9.67761E-05	6.24611E-05	7.82691E-05	1.38958E-05	0	1.76539E-06	7.19141E-06	0	2.2041E-05	3.9975E-05	0	0	8.34585E-06	2.69221E-06	0	5.90128E-05	1.89807E-05	0	0	0.0015344	0.000206869	0.000239897	0.000138878	0.00021028	4.73425E-05
578565.014141516.41	578565.01	4141516.41	0.000655432	0.00087017	0.000115337	7.439E-05	4.18437E-06	7.62668E-07	0.000132775	2.78591E-06	1.62264E-05	5.70886E-05	1.86392E-05	3.37906E-05	7.66057E-06	3.66567E-07	5.96262E-05	1.84272E-05	8.40009E-05	6.57238E-05	2.11343E-05	1.07932E-05	4.79365E-07	4.0674E-05	0	0.000105352	6.79964E-05	8.52054E-05	1.5126E-05	0	1.9279E-06	7.83038E-06	0	2.39943E-05	4.35176E-05	0	0	9.0874E-06	2.93142E-06	0	6.42425E-05	2.06628E-05	0	0	0.001787	0.00023178	0.000277156	0.000154049	0.000235326	5.30697E-05
578585.014141516.41	578585.01	4141516.41	0.000761299	0.0010502	0.000139586	9.003E-05	4.70174E-06	8.56968E-07	0.000166841	3.32145E-06	1.79005E-05	6.27928E-05	2.0534E-05	3.72257E-05	8.43932E-06	4.03831E-07	6.84437E-05	2.11479E-05	9.54623E-05	7.5936E-05	2.44182E-05	1.24703E-05	5.53849E-07	4.4438E-05	0	0.000115107	7.42919E-05	9.30942E-05	1.65267E-05	0	2.10511E-06	8.55501E-06	0	2.62159E-05	4.75468E-05	0	0	9.92835E-06	3.20269E-06	0	7.01905E-05	2.25759E-05	0	0	0.0021106	0.000262122	0.000325649	0.000171988	0.000265939	6.00182E-05

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579145.014141716.41	579145.01	4141716.41	0.000946536	0.000760628	7.32527E-05	4.725E-05	1.54471E-05	2.81548E-06	9.18561E-05	4.30101E-06	8.86203E-05	0.000369735	0.000124639	0.000225956	5.12257E-05	2.45121E-06	0.00021325	6.59152E-05	0.000404478	0.000302484	9.72676E-05	4.96743E-05	2.20621E-06	0.000340637	0	0.000882458	0.000569555	0.000713701	0.000126707	0	1.61074E-05	6.55779E-05	0	0.000200982	0.000364514	0	0	7.61052E-05	2.45501E-05	0	0.000538111	0.000173077	0	0	0.0030035	0.001345952	0.001091342	0.000933502	0.001335539	0.000322225
579165.014141716.41	579165.01	4141716.41	0.000882863	0.000710141	6.95406E-05	4.485E-05	1.4111E-05	2.57196E-06	8.48896E-05	3.98199E-06	8.07559E-05	0.00033272	0.000112667	0.000204252	4.63053E-05	2.21576E-06	0.000193703	5.98735E-05	0.000364106	0.000272483	8.76202E-05	4.47474E-05	1.98739E-06	0.000328018	0	0.000849682	0.0005484	0.000687193	0.000121996	0	1.55326E-05	6.31486E-05	0	0.000193517	0.000350976	0	0	7.32859E-05	2.36406E-05	0	0.000518125	0.000166648	0	0	0.0028402	0.001294559	0.001011781	0.000870738	0.001238228	0.000301003
579185.014141716.41	579185.01	4141716.41	0.000826764	0.000665313	6.60997E-05	4.264E-05	1.29666E-05	2.36337E-06	7.87265E-05	3.69719E-06	7.42832E-05	0.000302593	0.000102843	0.000186442	4.22676E-05	2.02255E-06	0.000176574	5.45792E-05	0.000328836	0.000246157	7.91548E-05	4.04242E-05	1.79538E-06	0.000320539	0	0.000830271	0.000535872	0.000671494	0.000119207	0	1.51874E-05	6.17087E-05	0	0.000189096	0.000342958	0	0	7.16148E-05	2.31015E-05	0	0.000506288	0.000162841	0	0	0.002709	0.001262968	0.000949705	0.000821878	0.001158962	0.000284216
579205.014141716.41	579205.01	4141716.41	0.00077696	0.000624979	6.29256E-05	4.059E-05	1.19846E-05	2.18439E-06	7.32897E-05	3.44555E-06	6.87773E-05	0.00027735	9.45871E-05	0.000171475	3.88747E-05	1.8602E-06	0.000161571	4.99417E-05	0.000298217	0.000223265	7.17935E-05	3.66648E-05	1.62841E-06	0.000318315	0	0.000824511	0.000532155	0.000666836	0.00011838	0	1.50818E-05	6.12805E-05	0	0.000187785	0.000340578	0	0	7.11179E-05	2.29413E-05	0	0.000502776	0.000161712	0	0	0.0026077	0.001251563	0.000902161	0.000785478	0.001097141	0.000271798
579225.014141716.41	579225.01	4141716.41	0.00073214	0.000588511	5.99435E-05	3.866E-05	1.11197E-05	2.02674E-06	6.84143E-05	3.22107E-06	6.39591E-05	0.000255769	8.74384E-05	0.000158516	3.59366E-05	1.71961E-06	0.000148294	4.58375E-05	0.000271511	0.000203279	6.53669E-05	3.33827E-05	1.48264E-06	0.000322524	0	0.000835447	0.000539213	0.00067568	0.000119952	0	1.5273E-05	6.20909E-05	0	0.000190275	0.000345096	0	0	7.20584E-05	2.32446E-05	0	0.000509445	0.000163856	0	0	0.0025386	0.001264677	0.00086842	0.00076162	0.001053317	0.000264089
579245.014141716.41	579245.01	4141716.41	0.000690734	0.000553254	5.71615E-05	3.687E-05	1.03537E-05	1.88713E-06	6.40451E-05	3.00034E-06	5.96358E-05	0.000235465	8.05549E-05	0.000146037	3.31075E-05	1.58423E-06	0.000136381	4.21553E-05	0.00024711	0.000184935	5.94682E-05	3.03703E-05	1.34885E-06	0.000329727	0	0.000854143	0.000551279	0.000690801	0.000122639	0	1.56046E-05	6.34775E-05	0	0.000194533	0.000352818	0	0	7.36676E-05	2.37637E-05	0	0.000520845	0.000167523	0	0	0.002485	0.001289303	0.000840842	0.000743595	0.001018809	0.000258711
579265.014141716.41	579265.01	4141716.41	0.000654301	0.000524169	5.45297E-05	3.517E-05	9.66609E-06	1.7618E-06	6.00721E-05	2.82762E-06	5.57668E-05	0.000219732	7.53083E-05	0.000136525	3.09512E-05	1.48105E-06	0.000126026	3.89544E-05	0.000227045	0.000169978	5.46586E-05	2.7914E-05	1.23976E-06	0.000351945	0	0.000911758	0.000588465	0.000737398	0.000130915	0	1.66406E-05	6.77548E-05	0	0.000207655	0.000376617	0	0	7.86315E-05	2.5365E-05	0	0.000555978	0.000178823	0	0	0.0024967	0.001370702	0.000838434	0.000750232	0.00101732	0.000262636
579285.014141716.41	579285.01	4141716.41	0.000620126	0.000496507	5.20522E-05	3.357E-05	9.04565E-06	1.64872E-06	5.64769E-05	2.66376E-06	5.22266E-05	0.000204947	7.03049E-05	0.000127455	2.88948E-05	1.38265E-06	0.000116657	3.60586E-05	0.000208936	0.000156462	5.03122E-05	2.56943E-05	1.14117E-06	0.000383434	0	0.000993416	0.000641169	0.00080344	0.000142644	0	1.8109E-05	7.38169E-05	0	0.000226253	0.000410348	0	0	8.56668E-05	2.76345E-05	0	0.000605772	0.000194839	0	0	0.0025455	0.001487229	0.000849091	0.000770403	0.001034863	0.000271987
579305.014141716.41	579305.01	4141716.41	0.000587633	0.000469086	4.97249E-05	3.207E-05	8.4718E-06	1.54412E-06	5.32083E-05	2.50126E-06	4.88796E-05	0.000190353	6.52821E-05	0.000118349	2.68305E-05	1.28387E-06	0.000108067	3.34034E-05	0.000192194	0.000143937	4.62846E-05	2.36374E-05	1.04982E-06	0.000424045	0	0.001098808	0.000709191	0.000888677	0.000157787	0	1.99829E-05	8.16352E-05	0	0.000250256	0.000453881	0	0	9.47401E-05	3.05613E-05	0	0.000670038	0.000215509	0	0	0.0026293	0.001638413	0.00087143	0.000803351	0.001070134	0.000286481
579325.014141716.41	579325.01	4141716.41	0.000558722	0.000445853	4.75269E-05	3.066E-05	7.97338E-06	1.45328E-06	5.02221E-05	2.36606E-06	4.59899E-05	0.000178414	6.12103E-05	0.000110967	2.5157E-05	1.20379E-06	0.000100637	3.11068E-05	0.000178004	0.000133363	4.28845E-05	2.1901E-05	9.727E-07	0.000492986	0	0.001277772	0.000824697	0.001033417	0.000183504	0	2.31513E-05	9.49075E-05	0	0.000291016	0.000527805	0	0	0.000110143	3.553E-05	0	0.000779168	0.00025061	0	0	0.0028229	0.001896743	0.000932235	0.000875913	0.001157172	0.000316368
579345.014141716.41	579345.01	4141716.41	0.000531905	0.000424809	4.54539E-05	2.932E-05	7.50671E-06	1.36822E-06	4.74854E-05	2.24511E-06	4.32551E-05	0.000167779	5.75861E-05	0.000104397	2.36675E-05	1.13252E-06	9.3917E-05	2.90296E-05	0.000165472	0.000124039	3.98862E-05	2.03698E-05	9.04693E-07	0.000602231	0	0.001561525	0.001007837	0.001262906	0.000224289	0	2.81305E-05	0.000115939	0	0.000355641	0.000645014	0	0	0.000134551	4.34034E-05	0	0.000952197	0.000306262	0	0	0.0031659	0.002307568	0.001043718	0.001002679	0.001314141	0.000367423
578385.014141736.41	578385.01	4141736.41	0.000420103	0.000518104	7.34362E-05	4.737E-05	2.84331E-06	5.18238E-07	7.48379E-05	1.75654E-06	1.03329E-05	3.56924E-05	1.26483E-05	2.29298E-05	5.19835E-06	2.48747E-07	3.39905E-05	1.05017E-05	4.75185E-05	3.64501E-05	1.1721E-05	5.98588E-06	2.65853E-07	2.33405E-05	0	6.03698E-05	3.89638E-05	4.8825E-05	8.66272E-06	0	1.12796E-06	4.49341E-06	0	1.37494E-05	2.49368E-05	0	0	5.21474E-06	1.68217E-06	0	3.68127E-05	1.18404E-05	0	0	0.0010954	0.000137999	0.00016382	9.2519E-05	0.000132965	2.98131E-05
578405.014141736.41	578405.01	4141736.41	0.000479011	0.000608048	8.53315E-05	5.504E-05	3.15167E-06	5.74443E-07	8.77584E-05	2.01328E-06	1.1301E-05	3.89309E-05	1.38109E-05	2.50376E-05	5.6762E-06	2.71613E-07	3.78642E-05	1.16981E-05	5.24488E-05	4.03429E-05	1.29728E-05	6.62516E-06	2.94246E-07	2.4897E-05	0	6.43727E-05	4.15473E-05	5.20624E-05	9.2358E-06	0	1.20899E-06	4.79306E-06	0	1.46611E-05	2.65903E-05	0	0	5.5625E-06	1.79435E-06	0	3.92536E-05	1.26254E-05	0	0	0.0012617	0.000151801	0.000184288	0.000101002	0.000145538	3.25176E-05
578425.014141736.41	578425.01	4141736.41	0.00054975	0.000719302	9.96125E-05	6.425E-05	3.50786E-06	6.39364E-07	0.000103394	2.32014E-06	1.24039E-05	4.25998E-05	1.51317E-05	2.7432E-05	6.21903E-06	2.97587E-07	4.23893E-05	1.30957E-05	5.81562E-05	4.48553E-05	1.44238E-05	7.36619E-06	3.27158E-07	2.66018E-05	0	6.87737E-05	4.43878E-05	5.56218E-05	9.86684E-06	0	1.29347E-06	5.12125E-06	0	1.56634E-05	2.84082E-05	0	0	5.94337E-06	1.91722E-06	0	4.19373E-05	1.34886E-05	0	0	0.001464	0.000167769	0.000208433	0.000110689	0.000159962	3.56057E-05
578445.014141736.41	578445.01	4141736.41	0.00063329	0.000854498	0.000116396	7.508E-05	3.90981E-06	7.12625E-07	0.00012192	2.68042E-06	1.36276E-05	4.66706E-05	1.6596E-05	3.00866E-05	6.82083E-06	3.26385E-07	4.7565E-05	1.46942E-05	6.463E-05	4.99511E-05	1.60624E-05	8.20303E-06	3.64325E-07	2.84414E-05	0	7.35221E-05	4.74525E-05	5.94621E-05	1.05476E-05	0	1.38485E-06	5.47541E-06	0	1.67448E-05	3.03695E-05	0	0	6.35439E-06	2.0498E-06	0	4.48328E-05	1.44199E-05	0	0	0.0017061	0.000185901	0.00023636	0.000121523	0.000176158	3.90496E-05
578465.014141736.41	578465.01	4141736.41	0.000735348	0.001022223	0.000136641	8.814E-05	4.38142E-06	7.98585E-07	0.000144389	3.11558E-06	1.5042E-05	5.13566E-05	1.8284E-05	3.31468E-05	7.51461E-06	3.59583E-07	5.37361E-05	1.66002E-05	7.22633E-05	5.59659E-05	1.79965E-05	9.19078E-06	4.08194E-07	3.05174E-05	0	7.88873E-05	5.09153E-05	6.38013E-05	1.13173E-05	0	1.48629E-06	5.87508E-06	0	1.79668E-05	3.25857E-05	0	0	6.81821E-06	2.19942E-06	0	4.81044E-05	1.54722E-05	0	0	0.0020036	0.000207233	0.000269632	0.000134161	0.000195133	4.30677E-05
578485.014141736.41	578485.01	4141736.41	0.000864113	0.001234424	0.000161629	0.0001043	4.95693E-06	9.0348E-07	0.000172149	3.65517E-06	1.67383E-05	5.69564E-05	2.03126E-05	3.68244E-05	8.34835E-06	3.99478E-07	6.14206E-05	1.89737E-05	8.16541E-05	6.33798E-05	2.03806E-05	1.04083E-05	4.62269E-07	3.29931E-05	0	8.52734E-05	5.5037E-05	6.89662E-05	1.22327E-05	0	1.61023E-06	6.35168E-06	0	1.94213E-05	3.52236E-05	0	0	7.37132E-06	2.37785E-06	0	5.19986E-05	1.67247E-05	0	0	0.0023784	0.000233213	0.000310331	0.000149588	0.000218384	4.79758E-05
578505.014141736.41	578505.01	4141736.41	0.001043347	0.001526153	0.000194016	0.0001251	5.74103E-06	1.0464E-06	0.000207947	4.39509E-06	1.9019E-05	6.46462E-05	2.31463E-05	4.19616E-05	9.51298E-06	4.55207E-07	7.23789E-05	2.23577E-05	9.5004E-05	7.41032E-05	2.38288E-05	1.21693E-05	5.40481E-07	3.63929E-05	0	9.40539E-05	6.07041E-05	7.60675E-05	1.34919E-05	0	1.77784E-06	7.0062E-06	0	2.1421E-05	3.88506E-05	0	0	8.13091E-06	2.62288E-06	0	5.73528E-05	1.84468E-05	0	0	0.002894	0.000267655	0.000363897	0.00017129	0.000251441	5.49854E-05
578625.014141736.41	578625.01	4141736.41	0.003261739	0.004490211	0.000502921	0.0003244	1.48003E-05	2.69759E-06	0.000505717	1.17835E-05	4.4137E-05	0.000145404	5.20938E-05	9.444E-05	2.14102E-05	1.0245E-06	0.000218489	6.75293E-05	0.000264845	0.000207022	6.65705E-05	3.39974E-05	1.50994E-06	6.96773E-05	0	0.000180197	0.000116302	0.000145737	2.58559E-05	0	3.37292E-06	1.3414E-05	0	4.10403E-05	7.44333E-05	0	0	1.55673E-05	5.02171E-06	0	0.000109882	3.5342E-05	0	0	0.0085047	0.000601229	0.000845516	0.000425364	0.000654299	0.00013742
578645.014141736.41	578645.01	4141736.41	0.003963288	0.005109797	0.000562602	0.0003629	1.78951E-05	3.26166E-06	0.00054592	1.35736E-05	5.27394E-05	0.000172865	6.15241E-05	0.000111536	2.5286E-05	1.20996E-06	0.000277049	8.56537E-05	0.000335356	0.000259901	8.35743E-05	4.26812E-05	1.89562E-06	8.00195E-05	0	0.000207016	0.000133612	0.000167427	2.97081E-05	0	3.85536E-06	1.5405E-05	0	4.71484E-05	8.55113E-05	0	0	1.7878E-05	5.76709E-06	0	0.000126235	4.0602E-05	0	0	0.0099227	0.000681818	0.000946001	0.00051847	0.000812913	0.000168753
578665.014141736.41	578665.01	4141736.41	0.004784327	0.005684446	0.000613303	0.0003956	2.18981E-05	3.99127E-06	0.000575888	1.54706E-05	6.40462E-05	0.000208967	7.35667E-05	0.000133368	3.02354E-05	1.4468E-06	0.000358526	0.000110883	0.000438677	0.000334623	0.000107602	5.49522E-05	2.44062E-06	9.28323E-05	0	0.00024026	0.000155068	0.000194314	3.44845E-05	0	4.44821E-06	1.78717E-05	0	5.47199E-05	9.92436E-05	0	0	2.07406E-05	6.69052E-06	0	0.000146508	4.71223E-05	0	0	0.0114152	0.000766868	0.001053454	0.00064356	0.001037381	0.000212117
578865.014141736.41	578865.01	4141736.41	0.004564449	0.003844173	0.000234665	0.0001514	0.00010747	1.95882E-05	0.000508373	2.53197E-05	0.000603954	0.002327268	0.000650274	0.001178871	0.000267258	1.27886E-05	0.001979183	0.000613141	0.005032908	0.003111848	0.001000653	0.000511031	2.26967E-05	0.000518181	0	0.001346396	0.000868988	0.001088918	0.000193547	0	2.34979E-05	9.97579E-05	0	0.000306645	0.000556152	0	0	0.000115772	3.73458E-05	0	0.000821014	0.000264069	0	0	0.0105079	0.002216738	0.004758225	0.004110025	0.009616257	0.00179845
578885.014141736.41	578885.01	4141736.41	0.003833197	0.002935525	0.000201369	0.0001299	9.57342E-05	1.74491E-05	0.000361617	2.14354E-05	0.000641358	0.002563521	0.000721669	0.001308301	0.000296601	1.41927E-05	0.00145846	0.000451551	0.003598367	0.002340469	0.000752607	0.000384355	1.70705E-05	0.000617113	0	0.001604759	0.001035741	0.001297873	0.000230761	0	2.7655E-05	0.000118804	0	0.000365488	0.000662873	0	0	0.000137876	4.4476E-05	0	0.000978561	0.000314742	0	0	0.009192	0.002559233	0.005069758	0.003878303	0.007413424	0.001468773
578905.014141736.41	578905.01	4141736.41	0.003211977	0.002334562	0.000174442	0.0001125	8.06284E-05	1.46958E-05	0.000275187	1.78257E-05	0.00061401	0.002542311	0.000733852	0.001330389	0.000301608	1.44323E-05	0.001064093	0.000329319	0.002491909	0.001684966	0.000541821	0.000276707	1.22895E-05	0.000690139	0	0.001795268	0.001158699	0.00145195	0.000258191	0	3.07731E-05	0.000132862	0	0.000408877	0.000741566	0	0	0.000154191	4.9739E-05	0	0.00109473	0.000352106	0	0	0.0082064	0.002803794	0.005028586	0.003606279	0.005650663	0.001182924
578925.014141736.41	578925.01	4141736.41	0.002716575	0.001945656	0.000152586	9.842E-05	6.60524E-05	1.20391E-05	0.00022488	1.47457E-05	0.000531537	0.002275101	0.000680737	0.001234097	0.000279778	1.33877E-05	0.000798733	0.000247146	0.001797731	0.001234513	0.000396973	0.000202733	9.00407E-06	0.000704653	0	0.001832544	0.001182758	0.001482097	0.000263525	0	3.15414E-05	0.000135657	0	0.000417367	0.000756964	0	0	0.000157434	5.07851E-05	0	0.001117461	0.000359417	0	0	0.007352	0.002829327	0.00458713	0.003240393	0.004447636	0.000968127
578945.014141736.41	578945.01	4141736.41	0.002328636	0.001681635	0.000134839	8.697E-05	5.34103E-05	9.73487E-06	0.000194424	1.2247E-05	0.000431093	0.001901682	0.000587835	0.001065677	0.000241596	1.15607E-05	0.000625414	0.000193474	0.001371273	0.000953702	0.000306675	0.000156618	6.95595E-06	0.000670855	0	0.001743765	0.001125458	0.001410296	0.000250708	0	3.02513E-05	0.00012915	0	0.000397147	0.000720292	0	0	0.000149883	4.83492E-05	0	0.001063324	0.000342005	0	0	0.0065597	0.002676137	0.003944274	0.002814392	0.003630123	0.000812254
578965.014141736.41	578965.01	4141736.41	0.002020555	0.001477464	0.000120517	7.773E-05	4.3327E-05	7.89703E-06	0.000173286	1.02345E-05	0.000342559	0.001528858	0.000484331	0.000878036	0.000199057	9.5251E-06	0.00050731	0.000156913	0.00108183	0.000766087	0.000246345	0.000125808	5.58755E-06	0.000612604	0	0.001591535	0.001027206	0.001287178	0.000228775	0	2.78303E-05	0.000117936	0	0.000362476	0.000657411	0	0	0.000136868	4.4151E-05	0	0.000970497	0.000312148	0	0	0.0058227	0.002435445	0.003284184	0.002388207	0.003019478	0.000689888
578985.014141736.41	578985.01	4141736.41	0.001769645	0.001313511	0.000108905	7.025E-05	3.56735E-05	6.50206E-06	0.000156268	8.6976E-06	0.00027445	0.001210314	0.000390717	0.000708325	0.000160582	7.68403E-06	0.000424261	0.000131204	0.000885399	0.000637139	0.00020488	0.000104632	4.64705E-06	0.000552864	0	0.001435561	0.000926538	0.001161032	0.000206311	0	2.53106E-05	0.000106435	0	0.000326953	0.000592983	0	0	0.000123521	3.98455E-05	0	0.000875386	0.000281557	0	0	0.0051805	0.002193488	0.002711959	0.002017356	0.002568974	0.000595715
579005.014141736.41	579005.01	4141736.41	0.001562502	0.001176362	9.94706E-05	6.416E-05	2.99955E-05	5.46716E-06	0.000141799	7.50617E-06	0.000223013	0.000962114	0.000312933	0.000567311	0.000128613	6.15429E-06	0.000364298	0.000112646	0.000746408	0.000543009	0.000174611	8.91735E-05	3.9605E-06	0.000497512	0	0.001291203	0.000833366	0.00104428	0.000185529	0	2.29352E-05	9.57787E-05	0	0.000294075	0.000533353	0	0	0.000111154	3.58562E-05	0	0.000787358	0.000253244	0	0	0.004627	0.001971801	0.002251151	0.001710883	0.002225277	0.000520989
579025.014141736.41	579025.01	4141736.41	0.001391021	0.001061843	9.17254E-05	5.916E-05	2.57019E-05	4.68458E-06	0.000129202	6.57088E-06	0.000182363	0.000778025	0.000252832	0.000458354	0.000103912	4.97231E-06	0.000319394	9.87509E-05	0.000643739	0.000472261	0.000151861	7.75553E-05	3.4445E-06	0.000449476	0	0.001166028	0.000752576	0.000943042	0.000167515	0	2.08484E-05	8.65311E-05	0	0.000265566	0.000481648	0	0	0.000100422	3.23942E-05	0	0.000711028	0.000228693	0	0	0.0041601	0.001780484	0.001894137	0.001468702	0.001958174	0.000461554
579045.014141736.41	579045.01	4141736.41	0.001249116	0.000965685	8.52814E-05	5.501E-05	2.23433E-05	4.07242E-06	0.000118145	5.82001E-06	0.000150055	0.000638873	0.000207874	0.000376852	8.54349E-05	4.08816E-06	0.000284283	8.78788E-05	0.000564449	0.000416832	0.000134038	6.84527E-05	3.04022E-06	0.000408824	0	0.001060165	0.00068425	0.000857425	0.000152283	0	1.90646E-05	7.8705E-05	0	0.000241456	0.000437919	0	0	9.13395E-05	2.94644E-05	0	0.000646475	0.00020793	0	0	0.0037691	0.001619025	0.001616347	0.001279917	0.001745108	0.000413461
579065.014141736.41	579065.01	4141736.41	0.001131353	0.000885498	7.98176E-05	5.148E-05	1.96418E-05	3.58003E-06	0.000108386	5.21754E-06	0.000125242	0.000532171	0.000174551	0.000316441	7.17392E-05	3.4328E-06	0.000255699	7.90453E-05	0.000501684	0.000372452	0.000119767	6.11645E-05	2.71653E-06	0.000375956	0	0.00097461	0.000629031	0.00078823	0.000139976	0	1.76131E-05	7.23774E-05	0	0.00022197	0.000402579	0	0	8.39962E-05	2.70955E-05	0	0.000594304	0.00019115	0	0	0.0034472	0.001488386	0.001401084	0.001133887	0.001574581	0.000374798
579085.014141736.41	579085.01	4141736.41	0.001033072	0.000817192	7.51045E-05	4.844E-05	1.74453E-05	3.17969E-06	9.97691E-05	4.72671E-06	0.000106569	0.000450596	0.000149191	0.000270466	6.13165E-05	2.93407E-06	0.000231631	7.16016E-05	0.000450028	0.000335455	0.00010787	5.50887E-05	2.44668E-06	0.000349505	0	0.000905789	0.000584613	0.00073257	0.000130077	0	1.64371E-05	6.72852E-05	0	0.000206296	0.000374152	0	0	7.80865E-05	2.51892E-05	0	0.000552338	0.000177653	0	0	0.0031807	0.001383072	0.001234128	0.001018586	0.001434611	0.000343058
579105.014141736.41	579105.01	4141736.41	0.000950274	0.000757591	7.09545E-05	4.577E-05	1.56417E-05	2.85095E-06	9.21093E-05	4.31631E-06	9.25125E-05	0.00038834	0.000129436	0.000234652	5.31971E-05	2.54554E-06	0.000210821	6.5167E-05	0.000405841	0.000303357	9.75481E-05	4.98176E-05	2.21257E-06	0.00032866	0	0.000851575	0.000549622	0.000688724	0.000122281	0	1.55048E-05	6.32722E-05	0	0.000193949	0.000351758	0	0	7.34293E-05	2.36869E-05	0	0.000519279	0.00016702	0	0	0.0029591	0.001299754	0.001104571	0.000926402	0.001317331	0.000316598
579125.014141736.41	579125.01	4141736.41	0.000880131	0.000705674	6.73009E-05	4.341E-05	1.41728E-05	2.58323E-06	8.53885E-05	3.96474E-06	8.18321E-05	0.000340763	0.000114114	0.000206876	4.69001E-05	2.24422E-06	0.000192742	5.95769E-05	0.000367087	0.000274873	8.83888E-05	4.514E-05	2.00482E-06	0.000311111	0	0.000805964	0.000520184	0.000651835	0.000115724	0	1.47125E-05	5.98937E-05	0	0.00018356	0.000332917	0	0	6.95085E-05	2.24221E-05	0	0.000491466	0.000158074	0	0	0.0027702	0.001229601	0.001002535	0.000851188	0.001215425	0.000293607
579145.014141736.41	579145.01	4141736.41	0.000819818	0.000659982	6.39934E-05	4.128E-05	1.29439E-05	2.35924E-06	7.93795E-05	3.66538E-06	7.35855E-05	0.000303742	0.000102135	0.000185158	4.19767E-05	2.00863E-06	0.000176745	5.46309E-05	0.00033334	0.000249869	8.03485E-05	4.10338E-05	1.82245E-06	0.000298054	0	0.000772045	0.000498292	0.000624403	0.000110848	0	1.4118E-05	5.73799E-05	0	0.000175835	0.000318906	0	0	6.65912E-05	2.1481E-05	0	0.000470783	0.000151421	0	0	0.0026139	0.001176916	0.000923048	0.000791386	0.001130104	0.000274626
579165.014141736.41	579165.01	4141736.41	0.000767305	0.000619417	6.0957E-05	3.932E-05	1.18993E-05	2.16883E-06	7.39794E-05	3.40698E-06	6.70752E-05	0.00027434	9.26218E-05	0.000167913	3.80669E-05	1.82155E-06	0.000162497	5.02268E-05	0.00030376	0.000227834	7.32628E-05	3.74151E-05	1.66173E-06	0.000290547	0	0.00075256	0.000485716	0.000608644	0.000108048	0	1.3773E-05	5.59349E-05	0	0.000171398	0.000310858	0	0	6.49141E-05	2.094E-05	0	0.000458901	0.0001476	0	0	0.0024908	0.001145578	0.000862746	0.00074607	0.001061662	0.000259939
579185.014141736.41	579185.01	4141736.41	0.000721014	0.000583223	5.81458E-05	3.75E-05	1.09997E-05	2.00488E-06	6.91113E-05	3.181E-06	6.17886E-05	0.000250496	8.48577E-05	0.000153837	3.48759E-05	1.66885E-06	0.000149756	4.62888E-05	0.000277695	0.000208328	6.69906E-05	3.42119E-05	1.51947E-06	0.000287822	0	0.0007455	0.000481159	0.000602934	0.000107035	0	1.36443E-05	5.54103E-05	0	0.00016979	0.000307942	0	0	6.43053E-05	2.07436E-05	0	0.000454596	0.000146215	0	0	0.0023957	0.001132598	0.000817318	0.000712385	0.001007652	0.000248937
579205.014141736.41	579205.01	4141736.41	0.00067993	0.000550453	5.55557E-05	3.583E-05	1.02259E-05	1.86384E-06	6.47604E-05	2.98068E-06	5.73714E-05	0.000230598	7.84144E-05	0.000142156	3.22278E-05	1.54214E-06	0.0001384	4.27786E-05	0.000254615	0.000191007	6.14206E-05	3.13674E-05	1.39313E-06	0.000289175	0	0.000749027	0.000483436	0.000605787	0.000107542	0	1.37027E-05	5.56707E-05	0	0.000170593	0.000309399	0	0	6.46076E-05	2.08412E-05	0	0.000456747	0.000146907	0	0	0.0023241	0.001135283	0.000783498	0.000688332	0.000965989	0.000241088
579225.014141736.41	579225.01	4141736.41	0.00064297	0.000520739	5.31325E-05	3.427E-05	9.54324E-06	1.73941E-06	6.08131E-05	2.80121E-06	5.35762E-05	0.000213725	7.28808E-05	0.000132124	2.99535E-05	1.43331E-06	0.000128187	3.96217E-05	0.00023411	0.000175596	5.64649E-05	2.88365E-05	1.28073E-06	0.000295575	0	0.000765645	0.000494161	0.000619227	0.00010993	0	1.39957E-05	5.69028E-05	0	0.000174378	0.000316263	0	0	6.60374E-05	2.13024E-05	0	0.00046688	0.000150166	0	0	0.0022781	0.001157202	0.000760742	0.000673998	0.00093751	0.000236748
579245.014141736.41	579245.01	4141736.41	0.000609446	0.000493348	5.0851E-05	3.28E-05	8.93476E-06	1.6285E-06	5.72253E-05	2.63405E-06	5.02311E-05	0.000198992	6.79942E-05	0.000123265	2.79451E-05	1.33721E-06	0.000118978	3.67752E-05	0.000215568	0.000161625	5.19724E-05	2.65422E-05	1.17883E-06	0.000307408	0	0.000796343	0.000513974	0.000644054	0.000114341	0	1.45443E-05	5.91808E-05	0	0.000181369	0.000328943	0	0	6.86811E-05	2.21552E-05	0	0.000485599	0.000156187	0	0	0.0022574	0.001199762	0.00074814	0.000669149	0.000921722	0.00023588
579265.014141736.41	579265.01	4141736.41	0.000578471	0.000467234	4.86989E-05	3.141E-05	8.38729E-06	1.52872E-06	5.39493E-05	2.47965E-06	4.72335E-05	0.000185382	6.33946E-05	0.000114927	2.60547E-05	1.24675E-06	0.000110655	3.42029E-05	0.00019885	0.000149038	4.79249E-05	2.44751E-05	1.08702E-06	0.00032556	0	0.000843414	0.000544355	0.000682124	0.000121102	0	1.53912E-05	6.26754E-05	0	0.00019209	0.000348386	0	0	7.27367E-05	2.34635E-05	0	0.000514303	0.000165419	0	0	0.0022634	0.001266277	0.000745226	0.000674007	0.000919857	0.000238906
579285.014141736.41	579285.01	4141736.41	0.000550396	0.00044432	4.66593E-05	3.01E-05	7.89135E-06	1.43832E-06	5.09484E-05	2.347E-06	4.4508E-05	0.000173998	5.95709E-05	0.000107995	2.44832E-05	1.17155E-06	0.000103129	3.18769E-05	0.000184327	0.000138149	4.44235E-05	2.2687E-05	1.00761E-06	0.000355285	0	0.000920486	0.000594098	0.000744457	0.000132172	0	1.67801E-05	6.83979E-05	0	0.000209643	0.000380222	0	0	7.93779E-05	2.56058E-05	0	0.0005613	0.000180535	0	0	0.0023171	0.001376542	0.000759803	0.000696379	0.000941258	0.000248653
579305.014141736.41	579305.01	4141736.41	0.000524524	0.000423868	4.47282E-05	2.885E-05	7.4391E-06	1.3559E-06	4.8186E-05	2.23101E-06	4.20112E-05	0.000164169	5.62726E-05	0.000102016	2.31277E-05	1.10668E-06	9.63042E-05	2.97675E-05	0.000171554	0.000128598	4.13522E-05	2.11185E-05	9.37943E-07	0.000400861	0	0.00103868	0.000670383	0.000840048	0.00014915	0	1.89035E-05	7.71719E-05	0	0.000236562	0.000429044	0	0	8.95603E-05	2.88904E-05	0	0.000633373	0.000203716	0	0	0.0024327	0.00154672	0.000796013	0.000741159	0.000992183	0.000267125
579325.014141736.41	579325.01	4141736.41	0.000500232	0.000403886	4.29014E-05	2.767E-05	7.02561E-06	1.28053E-06	4.56548E-05	2.11772E-06	3.97028E-05	0.000154592	5.3006E-05	9.60936E-05	2.17851E-05	1.04244E-06	9.00998E-05	2.78498E-05	0.00015972	0.000119743	3.85049E-05	1.96644E-05	8.73362E-07	0.000463758	0	0.00120188	0.000775715	0.000972038	0.000172597	0	2.18131E-05	8.92806E-05	0	0.000273731	0.000496457	0	0	0.000103613	3.34235E-05	0	0.00073289	0.000235725	0	0	0.0026127	0.001782451	0.000853776	0.000809091	0.001073627	0.000294768
579345.014141736.41	579345.01	4141736.41	0.000477536	0.000385282	4.11621E-05	2.655E-05	6.64304E-06	1.2108E-06	4.33069E-05	2.01268E-06	3.75687E-05	0.000145805	4.99825E-05	9.06125E-05	2.05425E-05	9.82981E-07	8.44397E-05	2.61006E-05	0.00014903	0.000111736	3.593E-05	1.83494E-05	8.14958E-07	0.000564189	0	0.001462543	0.000943952	0.001182853	0.000210052	0	2.64397E-05	0.000108615	0	0.000333098	0.000604128	0	0	0.000126051	4.06617E-05	0	0.000891839	0.000286849	0	0	0.0029307	0.002159998	0.000958092	0.000926757	0.001219367	0.000341943
578385.014141756.41	578385.01	4141756.41	0.000459496	0.000575879	8.00637E-05	5.164E-05	3.04985E-06	5.55883E-07	8.13055E-05	1.90914E-06	1.09897E-05	3.7828E-05	1.34072E-05	2.43056E-05	5.51025E-06	2.63672E-07	3.63262E-05	1.12221E-05	4.98471E-05	3.86702E-05	1.24349E-05	6.35046E-06	2.82046E-07	2.35735E-05	0	6.09411E-05	3.93325E-05	4.9287E-05	8.74289E-06	0	1.14717E-06	4.53827E-06	0	1.38795E-05	2.51727E-05	0	0	5.2668E-06	1.69897E-06	0	3.7161E-05	1.19524E-05	0	0	0.0012	0.000143311	0.000174303	9.68452E-05	0.000138599	3.10198E-05
578405.014141756.41	578405.01	4141756.41	0.000525088	0.000675979	9.26763E-05	5.978E-05	3.38789E-06	6.17498E-07	9.48386E-05	2.18554E-06	1.20457E-05	4.13448E-05	1.46744E-05	2.6603E-05	6.03108E-06	2.88594E-07	4.06076E-05	1.25445E-05	5.52397E-05	4.29296E-05	1.38045E-05	7.04994E-06	3.13112E-07	2.51258E-05	0	6.49476E-05	4.19184E-05	5.25273E-05	9.31733E-06	0	1.22429E-06	4.83711E-06	0	1.4792E-05	2.68277E-05	0	0	5.61361E-06	1.81084E-06	0	3.96042E-05	1.27382E-05	0	0	0.0013838	0.000157611	0.000195877	0.000105972	0.000152129	3.39058E-05
578425.014141756.41	578425.01	4141756.41	0.000603279	0.000797429	0.000107554	6.937E-05	3.77624E-06	6.8828E-07	0.000110877	2.51161E-06	1.32399E-05	4.53185E-05	1.61119E-05	2.92091E-05	6.6219E-06	3.16865E-07	4.56014E-05	1.40868E-05	6.14772E-05	4.7855E-05	1.53884E-05	7.8588E-06	3.49036E-07	2.68383E-05	0	6.93671E-05	4.47708E-05	5.61017E-05	9.95095E-06	0	1.30952E-06	5.16679E-06	0	1.57986E-05	2.86533E-05	0	0	5.99622E-06	1.93426E-06	0	4.22992E-05	1.3605E-05	0	0	0.0016045	0.000174022	0.000220974	0.000116399	0.000167652	3.72012E-05
578445.014141756.41	578445.01	4141756.41	0.000697667	0.000945394	0.000125209	8.076E-05	4.2293E-06	7.70858E-07	0.000129979	2.89965E-06	1.46143E-05	4.98687E-05	1.77611E-05	3.21988E-05	7.29968E-06	3.49298E-07	5.15276E-05	1.59171E-05	6.88048E-05	5.36478E-05	1.72511E-05	8.8101E-06	3.91287E-07	2.87644E-05	0	7.43384E-05	4.79794E-05	6.01223E-05	1.06637E-05	0	1.40526E-06	5.53759E-06	0	1.69308E-05	3.07067E-05	0	0	6.42655E-06	2.07308E-06	0	4.53306E-05	1.458E-05	0	0	0.0018714	0.000193092	0.000250431	0.000128509	0.000185773	4.10325E-05
578465.014141756.41	578465.01	4141756.41	0.000811977	0.001125016	0.000146113	9.424E-05	4.75987E-06	8.67563E-07	0.000152614	3.36167E-06	1.62023E-05	5.51241E-05	1.96681E-05	3.56559E-05	8.08343E-06	3.86802E-07	5.86156E-05	1.81064E-05	7.74878E-05	6.05144E-05	1.94592E-05	9.93775E-06	4.41369E-07	3.09448E-05	0	7.99673E-05	5.16124E-05	6.46747E-05	1.14708E-05	0	1.5133E-06	5.95735E-06	0	1.82128E-05	3.30319E-05	0	0	6.91368E-06	2.23022E-06	0	4.8763E-05	1.5684E-05	0	0	0.002194	0.000215292	0.000284992	0.000142687	0.000207102	4.55223E-05
578485.014141756.41	578485.01	4141756.41	0.000963292	0.001358005	0.000172732	0.0001114	5.45947E-06	9.95075E-07	0.00018128	3.95768E-06	1.82688E-05	6.18931E-05	2.21515E-05	4.01581E-05	9.10411E-06	4.35642E-07	6.82114E-05	2.10701E-05	8.90472E-05	6.97457E-05	2.24276E-05	1.14537E-05	5.08699E-07	3.37803E-05	0	8.72902E-05	5.63387E-05	7.05972E-05	1.2521E-05	0	1.65315E-06	6.50323E-06	0	1.98806E-05	3.60567E-05	0	0	7.5472E-06	2.43458E-06	0	5.32284E-05	1.71202E-05	0	0	0.0026151	0.000243809	0.000329104	0.000161513	0.000235526	5.15102E-05
578845.014141756.41	578845.01	4141756.41	0.004231467	0.003577982	0.000228867	0.0001476	8.61856E-05	1.57087E-05	0.000472363	2.17907E-05	0.000464839	0.001766458	0.000496556	0.000900199	0.000204081	9.76552E-06	0.0016558	0.000512826	0.003964422	0.002495253	0.000802379	0.000409773	1.81994E-05	0.000376507	0	0.000977725	0.000631042	0.00079075	0.000140519	0	1.72135E-05	7.24834E-05	0	0.00022268	0.000403866	0	0	8.41192E-05	2.71352E-05	0	0.000596204	0.000191761	0	0	0.0093925	0.001655599	0.00369061	0.003257831	0.00759584	0.001422113
578865.014141756.41	578865.01	4141756.41	0.003624384	0.002823963	0.00019754	0.0001274	8.05728E-05	1.46857E-05	0.000350645	1.90802E-05	0.000501414	0.001962229	0.00055323	0.001002942	0.000227374	1.08801E-05	0.001303108	0.000403403	0.003105716	0.002035945	0.000654683	0.000334345	1.48494E-05	0.000433651	0	0.001126756	0.000727229	0.000911281	0.000161973	0	1.9666E-05	8.34846E-05	0	0.000256622	0.000465426	0	0	9.68864E-05	3.12537E-05	0	0.000687081	0.000220991	0	0	0.0082063	0.001846498	0.00392303	0.003106616	0.006263399	0.001224869
578885.014141756.41	578885.01	4141756.41	0.003072449	0.002277534	0.000171664	0.0001107	7.09772E-05	1.29367E-05	0.000268723	1.62839E-05	0.000500555	0.002015099	0.000578108	0.001048043	0.000237599	1.13694E-05	0.00099094	0.000306658	0.00228662	0.001555356	0.000500144	0.000255422	1.13442E-05	0.000480874	0	0.00124975	0.000806611	0.001010754	0.000179671	0	2.17331E-05	9.25757E-05	0	0.000284634	0.00051623	0	0	0.000107437	3.46571E-05	0	0.000762081	0.000245114	0	0	0.0072523	0.001999067	0.003970319	0.002911618	0.004945372	0.001012024
578905.014141756.41	578905.01	4141756.41	0.00260729	0.001873326	0.000150188	9.687E-05	6.02623E-05	1.09838E-05	0.000213273	1.37336E-05	0.000457801	0.001897785	0.000561717	0.001018327	0.000230862	1.1047E-05	0.00075267	0.000232879	0.001672803	0.001162815	0.000373918	0.000190959	8.48114E-06	0.000504482	0	0.001310818	0.000846026	0.001060143	0.000188434	0	2.28725E-05	9.71206E-05	0	0.000298542	0.000541456	0	0	0.000112711	3.63585E-05	0	0.000799319	0.000257091	0	0	0.0064461	0.002063304	0.003762263	0.002667073	0.003904175	0.000830449
578925.014141756.41	578925.01	4141756.41	0.002231065	0.001584872	0.000132362	8.537E-05	5.01172E-05	9.13466E-06	0.000175986	1.15294E-05	0.000388532	0.001659087	0.000508869	0.00092252	0.000209142	1.00077E-05	0.000585382	0.000181104	0.001267368	0.000884488	0.000284418	0.000145252	6.45113E-06	0.000501585	0	0.00130275	0.000840819	0.001053618	0.000187244	0	2.28776E-05	9.6563E-05	0	0.000296705	0.000538123	0	0	0.000112064	3.61498E-05	0	0.000794399	0.000255509	0	0	0.0057526	0.002029929	0.003356528	0.002377239	0.00316351	0.00069163
578945.014141756.41	578945.01	4141756.41	0.001932545	0.00137572	0.000117622	7.587E-05	4.13102E-05	7.52945E-06	0.000151664	9.69441E-06	0.000317286	0.001384871	0.000436937	0.000792115	0.000179578	8.59301E-06	0.000469271	0.000145163	0.000992986	0.000697509	0.000224292	0.000114546	5.08737E-06	0.000481457	0	0.001250067	0.000806816	0.00101101	0.000179649	0	2.20613E-05	9.26879E-05	0	0.000284706	0.000516361	0	0	0.000107762	3.46991E-05	0	0.000762274	0.000245176	0	0	0.0051574	0.001935004	0.002887086	0.002073486	0.002632631	0.000589101
578965.014141756.41	578965.01	4141756.41	0.001691679	0.001216901	0.00010546	6.802E-05	3.41535E-05	6.22502E-06	0.000135035	8.23948E-06	0.000258357	0.001130468	0.000363934	0.000659771	0.000149575	7.15731E-06	0.000386684	0.000119596	0.000800464	0.00057077	0.000183538	9.37324E-05	4.16298E-06	0.000453424	0	0.001176921	0.000759606	0.000951852	0.000169116	0	2.08678E-05	8.72912E-05	0	0.000268047	0.000486147	0	0	0.000101304	3.26787E-05	0	0.000717671	0.00023083	0	0	0.0046444	0.001813635	0.002447582	0.001790637	0.002241179	0.000512263
578985.014141756.41	578985.01	4141756.41	0.00149333	0.001088246	9.54875E-05	6.159E-05	2.86256E-05	5.21747E-06	0.000122727	7.08076E-06	0.000213173	0.000916441	0.000298555	0.000541245	0.000122704	5.87153E-06	0.000327046	0.000101138	0.000662997	0.000478436	0.000153847	7.85693E-05	3.48953E-06	0.000420725	0	0.00109172	0.000704616	0.000882945	0.000156855	0	1.94449E-05	8.09961E-05	0	0.000248642	0.000450954	0	0	9.39985E-05	3.03221E-05	0	0.000665717	0.000214119	0	0	0.0041895	0.001677778	0.002069133	0.001541819	0.001938609	0.000450025
579005.014141756.41	579005.01	4141756.41	0.00132792	0.000981845	8.72792E-05	5.63E-05	2.43934E-05	4.44609E-06	0.000112745	6.17504E-06	0.000177568	0.000749165	0.000244464	0.000443185	0.000100473	4.80775E-06	0.000283235	8.75804E-05	0.000565036	0.000411293	0.000132256	6.75429E-05	2.99981E-06	0.00038888	0	0.00100877	0.000651079	0.000815858	0.000144919	0	1.80529E-05	7.48654E-05	0	0.00022975	0.00041669	0	0	8.68836E-05	2.8027E-05	0	0.000615134	0.00019785	0	0	0.0037947	0.001547626	0.001762151	0.001335274	0.00170707	0.000400649
579025.014141756.41	579025.01	4141756.41	0.001189614	0.000893693	8.04933E-05	5.192E-05	2.11053E-05	3.84678E-06	0.000104171	5.45778E-06	0.000148135	0.000620909	0.000202083	0.000366353	8.30546E-05	3.97426E-06	0.00025026	7.73771E-05	0.000492898	0.000361471	0.000116235	5.93611E-05	2.63643E-06	0.000360152	0	0.000933954	0.000602791	0.000755349	0.000134154	0	1.67938E-05	6.93349E-05	0	0.000212711	0.000385786	0	0	8.04653E-05	2.59566E-05	0	0.000569513	0.000183177	0	0	0.0034579	0.001431165	0.001517596	0.001169892	0.001527215	0.000361409
579045.014141756.41	579045.01	4141756.41	0.001073962	0.000820131	7.48209E-05	4.826E-05	1.84834E-05	3.36889E-06	9.65885E-05	4.88097E-06	0.000124003	0.000519846	0.000169538	0.000307352	6.96789E-05	3.33421E-06	0.000224591	6.94352E-05	0.00043792	0.000323301	0.000103961	5.30929E-05	2.35804E-06	0.000335459	0	0.000869659	0.000561294	0.00070335	0.000124904	0	1.5708E-05	6.45811E-05	0	0.000198067	0.000359227	0	0	7.49484E-05	2.41769E-05	0	0.000530306	0.000170566	0	0	0.003174	0.001331387	0.001321486	0.001039132	0.00138514	0.000329979
579065.014141756.41	579065.01	4141756.41	0.000977053	0.000756726	7.00328E-05	4.517E-05	1.63557E-05	2.98109E-06	8.97944E-05	4.4062E-06	0.000104908	0.000438369	0.000144035	0.000261118	5.91972E-05	2.83265E-06	0.000203852	6.30191E-05	0.000393977	0.000292448	9.40401E-05	4.80261E-05	2.133E-06	0.000314412	0	0.000814876	0.000525936	0.000659043	0.000117024	0	1.47772E-05	6.05291E-05	0	0.00018559	0.000336599	0	0	7.02459E-05	2.266E-05	0	0.000496901	0.000159822	0	0	0.0029331	0.001246507	0.001162413	0.000933844	0.001269004	0.000304021
579085.014141756.41	579085.01	4141756.41	0.000895476	0.00070199	6.59287E-05	4.252E-05	1.46127E-05	2.6634E-06	8.36717E-05	4.0117E-06	9.00743E-05	0.000374232	0.000123968	0.000224739	5.09498E-05	2.43801E-06	0.000186524	5.76596E-05	0.000357632	0.000266581	8.57225E-05	4.37783E-05	1.94435E-06	0.000297047	0	0.000769694	0.000496774	0.000622501	0.000110525	0	1.40056E-05	5.71861E-05	0	0.0001753	0.000317935	0	0	6.63662E-05	2.14084E-05	0	0.000469349	0.00015096	0	0	0.0027301	0.001176413	0.001035638	0.000848952	0.00117263	0.000282405
579105.014141756.41	579105.01	4141756.41	0.000826318	0.000654498	6.23459E-05	4.021E-05	1.31711E-05	2.40064E-06	7.80992E-05	3.67663E-06	7.85702E-05	0.00032459	0.000108099	0.000195971	4.44279E-05	2.12593E-06	0.000171584	5.30398E-05	0.000326256	0.00024388	7.84227E-05	4.00503E-05	1.77877E-06	0.000283118	0	0.000733469	0.000473394	0.000593204	0.000105316	0	1.33826E-05	5.45046E-05	0	0.00016705	0.000302972	0	0	6.32543E-05	2.04046E-05	0	0.00044726	0.000143855	0	0	0.0025597	0.001119983	0.000935688	0.000780335	0.00109084	0.000264107
579125.014141756.41	579125.01	4141756.41	0.000767507	0.000612769	5.92136E-05	3.819E-05	1.19908E-05	2.18551E-06	7.31137E-05	3.39333E-06	6.96141E-05	0.000285956	9.56136E-05	0.000173336	3.92965E-05	1.88038E-06	0.000158577	4.90171E-05	0.000298965	0.00022391	7.2001E-05	3.67708E-05	1.63312E-06	0.000271962	0	0.000704471	0.000454679	0.000569752	0.000101147	0	1.28795E-05	5.23569E-05	0	0.000160445	0.000290994	0	0	6.07618E-05	1.96006E-05	0	0.000429577	0.000138168	0	0	0.0024159	0.001074614	0.000856704	0.000724846	0.00102107	0.000248573
579145.014141756.41	579145.01	4141756.41	0.000716812	0.00057592	5.64024E-05	3.638E-05	1.09989E-05	2.00473E-06	6.85647E-05	3.15114E-06	6.25943E-05	0.000255565	8.57236E-05	0.000155407	3.52318E-05	1.68588E-06	0.000146961	4.54255E-05	0.000274892	0.000206134	6.6285E-05	3.38516E-05	1.50347E-06	0.000264428	0	0.000684903	0.000442049	0.000553926	9.83343E-05	0	1.2536E-05	5.09065E-05	0	0.000155989	0.000282911	0	0	5.90786E-05	1.90576E-05	0	0.000417645	0.00013433	0	0	0.0022985	0.001043354	0.000795369	0.000681275	0.000963154	0.00023597
579165.014141756.41	579165.01	4141756.41	0.000672665	0.000543007	5.38415E-05	3.473E-05	1.01554E-05	1.85099E-06	6.44083E-05	2.94167E-06	5.70243E-05	0.000231291	7.78355E-05	0.000141107	3.19898E-05	1.53075E-06	0.000136496	4.21903E-05	0.000253463	0.000190196	6.116E-05	3.12343E-05	1.38722E-06	0.000260763	0	0.000675395	0.000435912	0.000546236	9.69682E-05	0	1.23663E-05	5.0201E-05	0	0.000153823	0.000278983	0	0	5.82598E-05	1.87935E-05	0	0.000411847	0.000132465	0	0	0.0022057	0.001027032	0.000748711	0.000648367	0.00091649	0.000226247
579185.014141756.41	579185.01	4141756.41	0.000633742	0.000513469	5.14808E-05	3.321E-05	9.4274E-06	1.71829E-06	6.0593E-05	2.75815E-06	5.25131E-05	0.000211614	7.1414E-05	0.000129465	2.93507E-05	1.40446E-06	0.000127003	3.9256E-05	0.000234281	0.000175828	5.65396E-05	2.88747E-05	1.28242E-06	0.000261333	0	0.000676888	0.000436876	0.000547443	9.71835E-05	0	1.23889E-05	5.03107E-05	0	0.000154163	0.0002796	0	0	5.83871E-05	1.88345E-05	0	0.000412757	0.000132758	0	0	0.0021369	0.001026952	0.000714656	0.00062521	0.000880956	0.000219455
579205.014141756.41	579205.01	4141756.41	0.000599247	0.000486574	4.93245E-05	3.181E-05	8.80242E-06	1.60438E-06	5.71446E-05	2.59549E-06	4.87818E-05	0.000195215	6.61358E-05	0.000119897	2.71814E-05	1.30066E-06	0.000118436	3.66076E-05	0.000216979	0.000162869	5.23725E-05	2.67465E-05	1.18791E-06	0.000265022	0	0.000686474	0.000443063	0.000555196	9.85615E-05	0	1.25561E-05	5.10209E-05	0	0.000156346	0.00028356	0	0	5.92113E-05	1.91004E-05	0	0.000418602	0.000134638	0	0	0.0020866	0.001038876	0.000689961	0.000609585	0.000854158	0.000214945
579225.014141756.41	579225.01	4141756.41	0.000568227	0.000462145	4.73058E-05	3.051E-05	8.25001E-06	1.5037E-06	5.39713E-05	2.44979E-06	4.56226E-05	0.000181409	6.16433E-05	0.000111752	2.5335E-05	1.21231E-06	0.000110611	3.41889E-05	0.000201382	0.000151129	4.85973E-05	2.48185E-05	1.10228E-06	0.000273381	0	0.000708171	0.000457066	0.000572744	0.000101679	0	1.2941E-05	5.26302E-05	0	0.000161288	0.000292522	0	0	6.10789E-05	1.97029E-05	0	0.000431833	0.000138894	0	0	0.0020592	0.001068573	0.000675138	0.000602511	0.000838235	0.000213412
579245.014141756.41	579245.01	4141756.41	0.000540109	0.000439739	4.54039E-05	2.929E-05	7.75613E-06	1.41368E-06	5.10475E-05	2.31789E-06	4.28942E-05	0.000169529	5.77564E-05	0.000104706	2.37375E-05	1.13586E-06	0.000103459	3.19786E-05	0.000187268	0.000140488	4.51756E-05	2.30711E-05	1.02467E-06	0.000287377	0	0.000744474	0.000480497	0.000602104	0.000106894	0	1.35912E-05	5.53245E-05	0	0.000169556	0.000307518	0	0	6.42058E-05	2.07116E-05	0	0.00045397	0.000146014	0	0	0.0020571	0.001119643	0.000670325	0.000604761	0.000834416	0.000215285
579265.014141756.41	579265.01	4141756.41	0.000514436	0.000419039	4.36188E-05	2.813E-05	7.31419E-06	1.33313E-06	4.83621E-05	2.1977E-06	4.04753E-05	0.000159137	5.43243E-05	9.84836E-05	2.23269E-05	1.06837E-06	9.69196E-05	2.99574E-05	0.000174465	0.000130833	4.2071E-05	2.14856E-05	9.54248E-07	0.000306949	0	0.000795217	0.000513248	0.000643144	0.000114183	0	1.45064E-05	5.90924E-05	0	0.000181113	0.000328478	0	0	6.85785E-05	2.21221E-05	0	0.000484913	0.000155966	0	0	0.0020793	0.00119184	0.000674724	0.000615855	0.000842291	0.000220477
579285.014141756.41	579285.01	4141756.41	0.000490838	0.0003993	4.19296E-05	2.705E-05	6.91348E-06	1.26009E-06	4.58822E-05	2.08095E-06	3.82924E-05	0.00014961	5.11209E-05	9.26762E-05	2.10103E-05	1.00537E-06	9.09289E-05	2.81059E-05	0.000162492	0.000121772	3.91574E-05	1.99976E-05	8.88161E-07	0.000332951	0	0.000862628	0.000556756	0.000697663	0.000123865	0	1.57234E-05	6.40982E-05	0	0.000196466	0.000356323	0	0	7.43879E-05	2.39961E-05	0	0.000526019	0.000169187	0	0	0.0021276	0.001288378	0.000688399	0.000636332	0.000862386	0.000229231
579305.014141756.41	579305.01	4141756.41	0.000469	0.000381287	4.03238E-05	2.601E-05	6.54616E-06	1.19314E-06	4.35857E-05	1.97877E-06	3.63027E-05	0.000141235	4.82969E-05	8.75567E-05	1.98497E-05	9.49831E-07	8.54321E-05	2.6407E-05	0.000151878	0.000113775	3.65857E-05	1.86843E-05	8.29832E-07	0.000372033	0	0.000963977	0.000622169	0.000779631	0.000138423	0	1.75454E-05	7.1622E-05	0	0.000219548	0.000398187	0	0	8.31196E-05	2.68128E-05	0	0.000587821	0.000189065	0	0	0.0022266	0.001434355	0.000719731	0.000675095	0.000906693	0.000245165
579325.014141756.41	579325.01	4141756.41	0.000448693	0.000365183	3.87889E-05	2.502E-05	6.20647E-06	1.13123E-06	4.14396E-05	1.89128E-06	3.44782E-05	0.000134026	4.58719E-05	8.31603E-05	1.8853E-05	9.02138E-07	8.03747E-05	2.48442E-05	0.000142554	0.000106795	3.43411E-05	1.75379E-05	7.7892E-07	0.000434975	0	0.001127221	0.000727529	0.000911657	0.000161872	0	2.04749E-05	8.37393E-05	0	0.000256728	0.000465618	0	0	9.71821E-05	3.13491E-05	0	0.000687364	0.000221082	0	0	0.0024149	0.001670412	0.000781653	0.00074609	0.000992906	0.00027374
579345.014141756.41	579345.01	4141756.41	0.00042968	0.000349512	3.73291E-05	2.408E-05	5.89439E-06	1.07435E-06	3.9455E-05	1.80335E-06	3.27746E-05	0.000127067	4.34857E-05	7.88345E-05	1.78723E-05	8.55211E-07	7.572E-05	2.34056E-05	0.000133724	0.000100145	3.22028E-05	1.64459E-05	7.30419E-07	0.00052238	0	0.001354035	0.000873919	0.001095096	0.000194461	0	2.45121E-05	0.000100566	0	0.000308385	0.000559307	0	0	0.00011671	3.76485E-05	0	0.000825673	0.000265567	0	0	0.0026929	0.001998988	0.000873585	0.0008493	0.001120595	0.000314946
578385.014141776.41	578385.01	4141776.41	0.000501598	0.000635888	8.62782E-05	5.565E-05	3.27452E-06	5.96835E-07	8.71824E-05	2.06085E-06	1.17084E-05	4.01937E-05	1.42536E-05	2.58402E-05	5.85814E-06	2.80319E-07	3.90202E-05	1.20538E-05	5.29058E-05	4.12258E-05	1.32567E-05	6.77015E-06	3.00686E-07	2.37819E-05	0	6.14645E-05	3.96703E-05	4.97104E-05	8.81713E-06	0	1.16112E-06	4.57838E-06	0	1.39987E-05	2.5389E-05	0	0	5.31335E-06	1.71399E-06	0	3.74803E-05	1.20551E-05	0	0	0.001309	0.000148306	0.000184551	0.000101701	0.00014538	3.23826E-05
578405.014141776.41	578405.01	4141776.41	0.000574983	0.000745562	9.95499E-05	6.421E-05	3.65132E-06	6.65512E-07	0.000101207	2.35795E-06	1.28793E-05	4.40876E-05	1.56717E-05	2.84109E-05	6.44095E-06	3.08207E-07	4.38662E-05	1.35504E-05	5.8961E-05	4.60221E-05	1.4799E-05	7.55781E-06	3.35668E-07	2.53953E-05	0	6.56284E-05	4.23578E-05	5.30779E-05	9.4141E-06	0	1.2414E-06	4.88898E-06	0	1.4947E-05	2.71089E-05	0	0	5.67382E-06	1.83026E-06	0	4.00193E-05	1.28717E-05	0	0	0.0015111	0.000163298	0.000207361	0.000111809	0.000160383	3.55642E-05
578425.014141776.41	578425.01	4141776.41	0.00065927	0.000872962	0.000114532	7.387E-05	4.06729E-06	7.41328E-07	0.000117099	2.69453E-06	1.41587E-05	4.83414E-05	1.72162E-05	3.1211E-05	7.07575E-06	3.38583E-07	4.93197E-05	1.52349E-05	6.5739E-05	5.13761E-05	1.65206E-05	8.43704E-06	3.74718E-07	2.70951E-05	0	7.00151E-05	4.5189E-05	5.66258E-05	1.0043E-05	0	1.32603E-06	5.21623E-06	0	1.59461E-05	2.89209E-05	0	0	6.05359E-06	1.95277E-06	0	4.26943E-05	1.37321E-05	0	0	0.0017439	0.000179756	0.000232783	0.00012292	0.000176997	3.90644E-05
578445.014141776.41	578445.01	4141776.41	0.000762088	0.001027516	0.000132349	8.537E-05	4.56446E-06	8.31947E-07	0.000135981	3.09757E-06	1.56725E-05	5.33442E-05	1.90381E-05	3.45138E-05	7.82452E-06	3.74412E-07	5.59712E-05	1.72895E-05	7.39251E-05	5.78607E-05	1.86058E-05	9.50195E-06	4.22014E-07	2.90709E-05	0	7.51162E-05	4.84813E-05	6.07513E-05	1.07745E-05	0	1.42387E-06	5.5966E-06	0	1.71079E-05	3.1028E-05	0	0	6.49503E-06	2.09517E-06	0	4.58048E-05	1.47325E-05	0	0	0.0020261	0.000199164	0.000262868	0.000136207	0.000196975	4.32623E-05
578465.014141776.41	578465.01	4141776.41	0.000890327	0.001217671	0.000153829	9.922E-05	5.17666E-06	9.43529E-07	0.000158664	3.5893E-06	1.75228E-05	5.9432E-05	2.12637E-05	3.85486E-05	8.73922E-06	4.18182E-07	6.43939E-05	1.98914E-05	8.41848E-05	6.60232E-05	2.12306E-05	1.08424E-05	4.81549E-07	3.1453E-05	0	8.12685E-05	5.24522E-05	6.57271E-05	1.16568E-05	0	1.54121E-06	6.05519E-06	0	1.85091E-05	3.35694E-05	0	0	7.02723E-06	2.26685E-06	0	4.95565E-05	1.59392E-05	0	0	0.0023745	0.000222578	0.000299177	0.000152696	0.000221923	4.84938E-05
578485.014141776.41	578485.01	4141776.41	0.001052803	0.001454567	0.000179355	0.0001157	5.94716E-06	1.08397E-06	0.000185436	4.20017E-06	1.98499E-05	6.71244E-05	2.40925E-05	4.36769E-05	9.90186E-06	4.73815E-07	7.55377E-05	2.3334E-05	9.7589E-05	7.67672E-05	2.46855E-05	1.26068E-05	5.59911E-07	3.44106E-05	0	8.89091E-05	5.73836E-05	7.19066E-05	1.27526E-05	0	1.68646E-06	6.62458E-06	0	2.02493E-05	3.67254E-05	0	0	7.68802E-06	2.48001E-06	0	5.42156E-05	1.74378E-05	0	0	0.00281	0.000250923	0.0003431	0.000174004	0.000254386	5.52899E-05
578825.014141776.41	578825.01	4141776.41	0.003873221	0.003239139	0.000221814	0.0001431	6.97149E-05	1.27066E-05	0.000418586	1.84982E-05	0.000366183	0.001373111	0.000387959	0.000703324	0.000159448	7.62979E-06	0.001348922	0.000417802	0.003067856	0.001930999	0.000620936	0.000317111	1.4084E-05	0.000287945	0	0.000747555	0.000482486	0.000604596	0.000107428	0	1.32124E-05	5.54339E-05	0	0.000170258	0.00030879	0	0	6.43327E-05	2.07525E-05	0	0.000455849	0.000146618	0	0	0.0083697	0.00129987	0.002923376	0.002592447	0.005893259	0.001098749
578845.014141776.41	578845.01	4141776.41	0.003396792	0.002676995	0.000192944	0.0001245	6.75955E-05	1.23204E-05	0.000332896	1.68739E-05	0.000399154	0.001538002	0.000434534	0.000787759	0.00017859	8.54575E-06	0.001138081	0.000352302	0.002620275	0.001715226	0.000551552	0.000281676	1.25102E-05	0.000327219	0	0.000849887	0.000548533	0.000687359	0.000122154	0	1.49217E-05	6.29948E-05	0	0.000193564	0.00035106	0	0	7.31074E-05	2.3583E-05	0	0.00051825	0.000166689	0	0	0.0074438	0.001427938	0.003127416	0.002537143	0.005229635	0.001012427
578865.014141776.41	578865.01	4141776.41	0.002931103	0.002213683	0.000168381	0.0001086	6.17357E-05	1.12523E-05	0.000259078	1.49062E-05	0.000409249	0.001620132	0.000462841	0.000839078	0.000190225	9.10246E-06	0.000907181	0.000280743	0.00207167	0.001410273	0.000453491	0.000231597	1.0286E-05	0.00036228	0	0.000941191	0.000607462	0.000761202	0.000135291	0	1.64595E-05	6.97444E-05	0	0.000214359	0.000388775	0	0	8.09406E-05	2.61099E-05	0	0.000573926	0.000184596	0	0	0.0066166	0.001539008	0.003213314	0.002415301	0.004362722	0.000879969
578885.014141776.41	578885.01	4141776.41	0.00251496	0.001839582	0.000148136	9.555E-05	5.44112E-05	9.91731E-06	0.000209506	1.27762E-05	0.000390895	0.00158097	0.000462737	0.000838888	0.000190182	9.10041E-06	0.000713743	0.000220825	0.001567897	0.001094107	0.000351824	0.000179676	7.98001E-06	0.000381984	0	0.000992181	0.000640371	0.000802441	0.000142609	0	1.74056E-05	7.35378E-05	0	0.000225972	0.000409837	0	0	8.53429E-05	2.753E-05	0	0.000605018	0.000194597	0	0	0.0058768	0.001592773	0.003126326	0.002247093	0.003515378	0.000734076
578905.014141776.41	578905.01	4141776.41	0.002160368	0.001551921	0.000130781	8.436E-05	4.65273E-05	8.48034E-06	0.000171977	1.09171E-05	0.000347226	0.001442037	0.000436606	0.000791516	0.000179442	8.58651E-06	0.000562569	0.00017404	0.001203557	0.000848374	0.000272805	0.000139321	6.18772E-06	0.00038878	0	0.001009426	0.000651502	0.000816388	0.000145065	0	1.78181E-05	7.48463E-05	0	0.000229899	0.00041696	0	0	8.68614E-05	2.80198E-05	0	0.000615534	0.000197979	0	0	0.0052413	0.001598773	0.002884872	0.002045935	0.002869524	0.000616293
578925.014141776.41	578925.01	4141776.41	0.001871205	0.001332488	0.000116087	7.488E-05	3.91912E-05	7.14323E-06	0.000144331	9.30022E-06	0.000292577	0.001245717	0.000389919	0.000706878	0.000160254	7.66834E-06	0.000450907	0.00013949	0.00094923	0.000668426	0.000214941	0.00010977	4.87525E-06	0.000383946	0	0.000996504	0.000643162	0.000805938	0.000143187	0	1.76898E-05	7.39156E-05	0	0.000226957	0.000411623	0	0	8.57813E-05	2.76714E-05	0	0.000607655	0.000195445	0	0	0.0047002	0.001563169	0.002550736	0.001823112	0.002392473	0.00052503
578945.014141776.41	578945.01	4141776.41	0.001636886	0.001164271	0.000103729	6.691E-05	3.28706E-05	5.99119E-06	0.000124744	7.92557E-06	0.000242011	0.001044131	0.000334719	0.000606807	0.000137567	6.58275E-06	0.000368835	0.000114088	0.00076172	0.000538868	0.00017328	8.84935E-05	3.9303E-06	0.000371514	0	0.000963995	0.00062218	0.000779645	0.000138502	0	1.71781E-05	7.15222E-05	0	0.000219552	0.000398194	0	0	8.30037E-05	2.67754E-05	0	0.000587831	0.000189069	0	0	0.0042404	0.001501602	0.002206277	0.00160099	0.002029282	0.000454772
578965.014141776.41	578965.01	4141776.41	0.00144407	0.001031023	9.34021E-05	6.025E-05	2.7703E-05	5.04931E-06	0.000110885	6.78876E-06	0.000201756	0.000864023	0.000280753	0.000509298	0.000115461	5.52496E-06	0.00030793	9.5235E-05	0.000619927	0.000443225	0.000142524	7.27869E-05	3.23272E-06	0.000353509	0	0.000917081	0.000591901	0.000741703	0.000131751	0	1.63948E-05	6.8056E-05	0	0.000208868	0.000378816	0	0	7.89811E-05	2.54778E-05	0	0.000559223	0.000179867	0	0	0.0038391	0.001421552	0.001894504	0.001396011	0.001743088	0.000398411
578985.014141776.41	578985.01	4141776.41	0.001282654	0.0009256	8.47434E-05	5.466E-05	2.3573E-05	4.29656E-06	0.000100573	5.91049E-06	0.000170457	0.000717035	0.000234608	0.000425318	9.64224E-05	4.61392E-06	0.000262458	8.11632E-05	0.000519589	0.000375426	0.000120723	6.16529E-05	2.73822E-06	0.000335167	0	0.000869311	0.000561069	0.000703068	0.000124878	0	1.55908E-05	6.45248E-05	0	0.000197988	0.000359084	0	0	7.4883E-05	2.41558E-05	0	0.000530094	0.000170498	0	0	0.0034975	0.001342371	0.001635861	0.001222778	0.001530428	0.000355612
579005.014141776.41	579005.01	4141776.41	0.001146794	0.000839149	7.7532E-05	5.001E-05	2.03228E-05	3.70416E-06	9.25495E-05	5.21049E-06	0.000144725	0.000600759	0.000196231	0.000355743	8.06494E-05	3.85917E-06	0.000228374	7.06178E-05	0.00044681	0.000325242	0.000104586	5.34117E-05	2.3722E-06	0.000316644	0	0.000821088	0.000529945	0.000664067	0.00011794	0	1.4775E-05	6.09589E-05	0	0.000187005	0.000339164	0	0	7.07447E-05	2.28209E-05	0	0.000500689	0.00016104	0	0	0.0032012	0.001264344	0.001423857	0.001078535	0.00136618	0.00032141
579025.014141776.41	579025.01	4141776.41	0.001032369	0.000767124	7.15218E-05	4.613E-05	1.77351E-05	3.23251E-06	8.59608E-05	4.64133E-06	0.000122708	0.000507829	0.000165371	0.000299799	6.79664E-05	3.25227E-06	0.000202481	6.26069E-05	0.00039229	0.0002873	9.23849E-05	4.71808E-05	2.09546E-06	0.000298912	0	0.000774931	0.000500154	0.000626737	0.0001113	0	1.3992E-05	5.75452E-05	0	0.000176493	0.000320098	0	0	6.6783E-05	2.15429E-05	0	0.000472542	0.000151987	0	0	0.0029449	0.001190759	0.001249073	0.00096038	0.001236282	0.000293648
579045.014141776.41	579045.01	4141776.41	0.000935938	0.000706488	6.64792E-05	4.288E-05	1.56359E-05	2.8499E-06	8.03003E-05	4.16971E-06	0.000104227	0.000431266	0.000140787	0.000255231	5.78626E-05	2.76879E-06	0.000182362	5.63821E-05	0.000350022	0.000257789	8.28952E-05	4.23344E-05	1.88022E-06	0.000282621	0	0.00073253	0.000472788	0.000592445	0.000105201	0	1.32716E-05	5.4409E-05	0	0.000166836	0.000302584	0	0	6.31433E-05	2.03688E-05	0	0.000446687	0.000143671	0	0	0.0027241	0.001123749	0.001103317	0.000863952	0.001131249	0.000270781
579065.014141776.41	579065.01	4141776.41	0.000854442	0.000654665	6.22041E-05	4.012E-05	1.39061E-05	2.53461E-06	7.52707E-05	3.78092E-06	8.92656E-05	0.000368071	0.000121049	0.000219447	4.97502E-05	2.3806E-06	0.000166242	5.1395E-05	0.000316727	0.000234535	7.54177E-05	3.85157E-05	1.71061E-06	0.000269061	0	0.000697234	0.000450008	0.000563899	0.000100123	0	1.26721E-05	5.17984E-05	0	0.000158797	0.000288004	0	0	6.01136E-05	1.93915E-05	0	0.000425164	0.000136749	0	0	0.0025376	0.001067935	0.000983363	0.000785938	0.001047213	0.000252393
579085.014141776.41	579085.01	4141776.41	0.000785345	0.000609798	5.85504E-05	3.777E-05	1.24764E-05	2.27403E-06	7.07401E-05	3.45215E-06	7.73511E-05	0.000317125	0.00010508	0.000190498	4.31873E-05	2.06656E-06	0.000152943	4.72809E-05	0.000289155	0.000215061	6.91555E-05	3.53175E-05	1.56857E-06	0.000257367	0	0.000666805	0.000430368	0.000539289	9.57467E-05	0	1.21529E-05	4.95471E-05	0	0.000151867	0.000275435	0	0	5.75009E-05	1.85487E-05	0	0.000406609	0.000130781	0	0	0.0023779	0.001019899	0.000885336	0.000721631	0.000976654	0.000236822
579105.014141776.41	579105.01	4141776.41	0.000726453	0.000570805	5.53806E-05	3.572E-05	1.12871E-05	2.05725E-06	6.65947E-05	3.1753E-06	6.78701E-05	0.000276834	9.21402E-05	0.000167039	3.7869E-05	1.81207E-06	0.000141617	4.37779E-05	0.000265909	0.000198447	6.38129E-05	3.25891E-05	1.4474E-06	0.000248296	0	0.00064321	0.000415139	0.000520205	9.23533E-05	0	1.17481E-05	4.78007E-05	0	0.000146493	0.000265689	0	0	5.54742E-05	1.78949E-05	0	0.000392221	0.000126153	0	0	0.0022441	0.000982353	0.000807067	0.0006695	0.000918249	0.000224002
579125.014141776.41	579125.01	4141776.41	0.000676123	0.000536414	5.26236E-05	3.394E-05	1.03067E-05	1.87857E-06	6.28418E-05	2.94031E-06	6.03083E-05	0.00024485	8.17735E-05	0.000148246	3.36083E-05	1.6082E-06	0.000131833	4.07515E-05	0.000245826	0.000183903	5.91362E-05	3.02007E-05	1.34132E-06	0.000241452	0	0.000625417	0.000403655	0.000505815	8.97949E-05	0	1.14407E-05	4.64833E-05	0	0.00014244	0.000258339	0	0	5.39435E-05	1.74017E-05	0	0.000381371	0.000122663	0	0	0.002132	0.00095372	0.000744752	0.000627579	0.000869253	0.000213341
579145.014141776.41	579145.01	4141776.41	0.000632668	0.000506047	5.01628E-05	3.236E-05	9.47976E-06	1.72784E-06	5.93677E-05	2.73909E-06	5.42681E-05	0.000219353	7.34305E-05	0.000133121	3.01794E-05	1.44412E-06	0.000123112	3.80547E-05	0.000228138	0.000170939	5.49674E-05	2.80717E-05	1.24676E-06	0.000237536	0	0.000615241	0.000397088	0.000497585	8.83321E-05	0	1.12629E-05	4.57293E-05	0	0.000140123	0.000254136	0	0	5.30703E-05	1.71194E-05	0	0.000375166	0.000120667	0	0	0.0020417	0.000936508	0.000696333	0.000595062	0.000829416	0.000204953
579165.014141776.41	579165.01	4141776.41	0.000594834	0.000478864	4.79439E-05	3.092E-05	8.77728E-06	1.5998E-06	5.61577E-05	2.56488E-06	4.94191E-05	0.00019878	6.67123E-05	0.000120942	2.74183E-05	1.312E-06	0.000115247	3.5623E-05	0.000212323	0.000159234	5.12038E-05	2.61496E-05	1.1614E-06	0.000236702	0	0.000613078	0.000395692	0.000495836	8.80215E-05	0	1.12239E-05	4.55687E-05	0	0.00013963	0.000253242	0	0	5.28839E-05	1.70593E-05	0	0.000373847	0.000120243	0	0	0.0019714	0.00093123	0.000659678	0.000571045	0.000798086	0.000198758
579185.014141776.41	579185.01	4141776.41	0.000561515	0.000454428	4.59169E-05	2.962E-05	8.17168E-06	1.48942E-06	5.31716E-05	2.41227E-06	4.54745E-05	0.000182047	6.12249E-05	0.000110994	2.5163E-05	1.20408E-06	0.000108073	3.34055E-05	0.00019806	0.000148578	4.77771E-05	2.43997E-05	1.08367E-06	0.000239414	0	0.00062013	0.000400243	0.000501539	8.90353E-05	0	1.13462E-05	4.6091E-05	0	0.000141236	0.000256155	0	0	5.349E-05	1.72548E-05	0	0.000378147	0.000121626	0	0	0.0019214	0.000939571	0.000633528	0.000555079	0.000775445	0.000194887
579205.014141776.41	579205.01	4141776.41	0.000532005	0.000432092	4.40692E-05	2.843E-05	7.65224E-06	1.39474E-06	5.04422E-05	2.27737E-06	4.22147E-05	0.000168114	5.67299E-05	0.000102845	2.33156E-05	1.11568E-06	0.000101544	3.1387E-05	0.000185041	0.000138862	4.46526E-05	2.2804E-05	1.0128E-06	0.000244733	0	0.000633938	0.000409155	0.000512707	9.10197E-05	0	1.15903E-05	4.71149E-05	0	0.000144381	0.000261859	0	0	5.46783E-05	1.76382E-05	0	0.000386567	0.000124334	0	0	0.0018868	0.00095794	0.000615279	0.000545358	0.000759494	0.000192804
579225.014141776.41	579225.01	4141776.41	0.000505509	0.000411741	4.23508E-05	2.732E-05	7.1934E-06	1.31111E-06	4.78999E-05	2.15643E-06	3.94777E-05	0.000156407	5.29354E-05	9.59658E-05	2.17561E-05	1.04105E-06	9.55257E-05	2.95266E-05	0.000173173	0.000129935	4.17821E-05	2.13381E-05	9.47696E-07	0.000254205	0	0.000658515	0.000425018	0.000532584	9.45508E-05	0	1.20281E-05	4.89383E-05	0	0.000149979	0.000272011	0	0	5.67944E-05	1.83208E-05	0	0.000401554	0.000129155	0	0	0.0018723	0.000992112	0.000605683	0.000543094	0.000752509	0.000193223
579245.014141776.41	579245.01	4141776.41	0.000481495	0.000393102	4.07367E-05	2.628E-05	6.78403E-06	1.2365E-06	4.553E-05	2.04719E-06	3.71425E-05	0.000146414	4.96761E-05	9.00569E-05	2.04165E-05	9.76954E-07	8.99585E-05	2.7806E-05	0.000162307	0.000121736	3.91458E-05	1.99917E-05	8.87898E-07	0.000268883	0	0.000696585	0.000449588	0.000563373	0.000100019	0	1.27111E-05	5.17641E-05	0	0.000158649	0.000287736	0	0	6.00738E-05	1.93787E-05	0	0.000424768	0.000136621	0	0	0.0018808	0.001046021	0.00060519	0.000549219	0.000755996	0.000196647
579265.014141776.41	579265.01	4141776.41	0.000459661	0.000375799	3.9231E-05	2.53E-05	6.41919E-06	1.17E-06	4.33363E-05	1.94756E-06	3.51082E-05	0.000137689	4.68424E-05	8.49198E-05	1.92519E-05	9.21225E-07	8.48328E-05	2.62216E-05	0.000152321	0.000114198	3.67219E-05	1.87538E-05	8.3292E-07	0.000288179	0	0.000746611	0.000481877	0.000603833	0.000107205	0	1.36141E-05	5.5479E-05	0	0.000170043	0.000308401	0	0	6.4385E-05	2.07694E-05	0	0.000455274	0.000146433	0	0	0.0019095	0.001117433	0.000612434	0.000562711	0.000768783	0.000202742
579285.014141776.41	579285.01	4141776.41	0.000439613	0.000359756	3.78004E-05	2.438E-05	6.08815E-06	1.10966E-06	4.12892E-05	1.85602E-06	3.33012E-05	0.000130024	4.43176E-05	8.03426E-05	1.82142E-05	8.71571E-07	8.00784E-05	2.47522E-05	0.000143141	0.000107259	3.44906E-05	1.76143E-05	7.8231E-07	0.000314945	0	0.000815996	0.000526659	0.000659949	0.00011717	0	1.48683E-05	6.06317E-05	0	0.000185845	0.000337061	0	0	7.0365E-05	2.26984E-05	0	0.000497583	0.000160041	0	0	0.0019681	0.001217077	0.000630413	0.000586933	0.000795434	0.000212929
579305.014141776.41	579305.01	4141776.41	0.000420694	0.000343656	3.64532E-05	2.351E-05	5.78638E-06	1.05466E-06	3.93889E-05	1.76194E-06	3.16607E-05	0.000122613	4.18025E-05	7.57831E-05	1.71805E-05	8.22109E-07	7.56274E-05	2.33765E-05	0.000134168	0.000100429	3.22941E-05	1.64925E-05	7.3249E-07	0.000346902	0	0.000898871	0.000580148	0.000726975	0.000129074	0	1.6358E-05	6.67841E-05	0	0.00020472	0.000371294	0	0	7.7505E-05	2.50016E-05	0	0.00054812	0.000176296	0	0	0.0020466	0.001336423	0.000655219	0.000618212	0.000831094	0.000225815
579325.014141776.41	579325.01	4141776.41	0.000403847	0.000330703	3.51519E-05	2.267E-05	5.50523E-06	1.00342E-06	3.75877E-05	1.69291E-06	3.01745E-05	0.00011702	3.99539E-05	7.24318E-05	1.64208E-05	7.85753E-07	7.15815E-05	2.21264E-05	0.00012689	9.49716E-05	3.05393E-05	1.55964E-05	6.92688E-07	0.000407083	0	0.001054926	0.000680868	0.000853187	0.00015149	0	1.91661E-05	7.83698E-05	0	0.000240262	0.000435755	0	0	9.09506E-05	2.93389E-05	0	0.00064328	0.000206903	0	0	0.0022317	0.001562234	0.00071672	0.000687926	0.000916607	0.000253731
579345.014141776.41	579345.01	4141776.41	0.000387743	0.000317465	3.39215E-05	2.188E-05	5.24716E-06	9.56378E-07	3.59148E-05	1.61954E-06	2.87838E-05	0.000111369	3.80324E-05	6.89482E-05	1.5631E-05	7.47963E-07	6.77784E-05	2.09511E-05	0.000119701	8.95299E-05	2.87895E-05	1.47027E-05	6.52998E-07	0.00048566	0	0.001258784	0.000812442	0.00101806	0.000180777	0	2.28071E-05	9.34971E-05	0	0.000286691	0.000519962	0	0	0.000108506	3.5002E-05	0	0.00076759	0.000246886	0	0	0.0024836	0.00185763	0.000800449	0.000781574	0.001032774	0.000291031
578405.014141796.41	578405.01	4141796.41	0.000625374	0.000810661	0.000105368	6.796E-05	3.92671E-06	7.15706E-07	0.000106332	2.51791E-06	1.377E-05	4.70305E-05	1.67565E-05	3.03776E-05	6.88681E-06	3.29542E-07	4.74787E-05	1.46662E-05	6.32996E-05	4.95174E-05	1.59229E-05	8.13181E-06	3.61162E-07	2.56556E-05	0	6.62884E-05	4.27837E-05	5.36117E-05	9.50806E-06	0	1.25731E-06	4.93909E-06	0	1.50974E-05	2.73815E-05	0	0	5.73197E-06	1.84902E-06	0	4.04218E-05	1.30012E-05	0	0	0.0016333	0.000168286	0.000217925	0.000118186	0.000169754	3.74171E-05
578425.014141796.41	578425.01	4141796.41	0.000717768	0.000944272	0.000120609	7.779E-05	4.39008E-06	8.00163E-07	0.000122217	2.87099E-06	1.52084E-05	5.17945E-05	1.84957E-05	3.35305E-05	7.60159E-06	3.63745E-07	5.3711E-05	1.65915E-05	7.10128E-05	5.56406E-05	1.78919E-05	9.13737E-06	4.05822E-07	2.74463E-05	0	7.09115E-05	4.57676E-05	5.73508E-05	1.0171E-05	0	1.34599E-06	5.28383E-06	0	1.61503E-05	2.92912E-05	0	0	6.13205E-06	1.97808E-06	0	4.32409E-05	1.39079E-05	0	0	0.001881	0.000185302	0.000244338	0.00013063	0.000188464	4.1343E-05
578445.014141796.41	578445.01	4141796.41	0.000829284	0.001103533	0.000138435	8.929E-05	4.94291E-06	9.00925E-07	0.000140728	3.28859E-06	1.69186E-05	5.74313E-05	2.0551E-05	3.72566E-05	8.44632E-06	4.04166E-07	6.13452E-05	1.89502E-05	8.03991E-05	6.3101E-05	2.02909E-05	1.03625E-05	4.60235E-07	2.95288E-05	0	7.629E-05	4.9239E-05	6.17007E-05	1.09423E-05	0	1.44862E-06	5.68475E-06	0	1.73753E-05	3.15129E-05	0	0	6.59733E-06	2.12817E-06	0	4.65206E-05	1.49628E-05	0	0	0.0021771	0.000205175	0.00027527	0.000145562	0.000211099	4.60765E-05
578465.014141796.41	578465.01	4141796.41	0.000974159	0.001307675	0.000159986	0.0001032	5.66188E-06	1.03197E-06	0.000163003	3.82729E-06	1.91552E-05	6.49794E-05	2.33288E-05	4.22923E-05	9.58796E-06	4.58795E-07	7.17857E-05	2.21762E-05	9.33861E-05	7.35301E-05	2.36445E-05	1.20752E-05	5.36301E-07	3.22697E-05	0	8.33707E-05	5.3809E-05	6.74273E-05	1.19579E-05	0	1.58322E-06	6.21241E-06	0	1.89879E-05	3.44377E-05	0	0	7.20969E-06	2.32571E-06	0	5.08383E-05	1.63515E-05	0	0	0.0025575	0.000230091	0.000314067	0.000165772	0.000242256	5.26075E-05
578805.014141796.41	578805.01	4141796.41	0.003545221	0.002932499	0.000213927	0.000138	5.7346E-05	1.04522E-05	0.000365389	1.59025E-05	0.000295733	0.001100423	0.000312269	0.000566107	0.00012834	6.14123E-06	0.001102138	0.000341406	0.002405474	0.001511446	0.000486024	0.000248211	1.10239E-05	0.000231117	0	0.000599953	0.00038722	0.000485221	8.62128E-05	0	1.06217E-05	4.44936E-05	0	0.000136641	0.000247821	0	0	5.16362E-05	1.66568E-05	0	0.000365843	0.000117669	0	0	0.0075227	0.001067772	0.002378136	0.002102183	0.004640825	0.000862928
578825.014141796.41	578825.01	4141796.41	0.003151607	0.002499466	0.000187471	0.0001209	5.67779E-05	1.03487E-05	0.000308394	1.47945E-05	0.000322716	0.001226226	0.000347465	0.000629913	0.000142806	6.83341E-06	0.00097698	0.000302467	0.002172722	0.001409897	0.00045337	0.000231535	1.02833E-05	0.000257434	0	0.000668485	0.000431453	0.000540647	9.60732E-05	0	1.17767E-05	4.956E-05	0	0.000152249	0.000276129	0	0	5.75159E-05	1.85535E-05	0	0.000407633	0.00013111	0	0	0.0067645	0.001149799	0.002539604	0.002090177	0.004311273	0.000826298
578845.014141796.41	578845.01	4141796.41	0.002768431	0.002102017	0.000164849	0.0001063	5.36477E-05	9.77815E-06	0.000250285	1.33218E-05	0.000336264	0.001304482	0.000372197	0.00067475	0.00015297	7.31981E-06	0.000815973	0.000252512	0.001808791	0.001216649	0.000391228	0.0001998	8.87378E-06	0.000281367	0	0.000730767	0.000471651	0.000591019	0.000105032	0	1.28374E-05	5.41675E-05	0	0.000166434	0.000301856	0	0	6.2863E-05	2.02784E-05	0	0.000445612	0.000143326	0	0	0.0060474	0.001222647	0.002624799	0.002015732	0.003743843	0.000743227
578865.014141796.41	578865.01	4141796.41	0.002416049	0.001795928	0.000145559	9.389E-05	4.8671E-05	8.87107E-06	0.000203343	1.18803E-05	0.000332289	0.00132234	0.000383712	0.000695625	0.000157703	7.54627E-06	0.000666253	0.000206131	0.001455194	0.001013706	0.000325969	0.000166472	7.39359E-06	0.000302672	0	0.000786067	0.000507342	0.000635744	0.000112978	0	1.38182E-05	5.82691E-05	0	0.000179029	0.000324699	0	0	6.76231E-05	2.18139E-05	0	0.000479333	0.000154172	0	0	0.0054463	0.001285644	0.00262653	0.001919449	0.003176178	0.000654007
578885.014141796.41	578885.01	4141796.41	0.002094266	0.001529838	0.000129142	8.33E-05	4.27919E-05	7.7995E-06	0.000169181	1.03104E-05	0.000307375	0.001249282	0.000372961	0.000676135	0.000153284	7.33483E-06	0.00053802	0.000166439	0.001141168	0.000808857	0.000260098	0.000132831	5.8995E-06	0.000311575	0	0.000808903	0.000522081	0.000654212	0.000116244	0	1.42966E-05	5.9983E-05	0	0.00018423	0.000334131	0	0	6.96121E-05	2.24555E-05	0	0.000493258	0.00015865	0	0	0.0048737	0.001302383	0.002491662	0.001778517	0.002632178	0.000557479
578905.014141796.41	578905.01	4141796.41	0.001821229	0.001312102	0.000114986	7.417E-05	3.689E-05	6.7238E-06	0.000142606	8.87992E-06	0.000268349	0.001114966	0.0003444	0.000624357	0.000141546	6.77314E-06	0.000437095	0.000135215	0.000907996	0.000643825	0.00020703	0.00010573	4.69582E-06	0.000311912	0	0.000809433	0.000522423	0.000654641	0.000116301	0	1.43988E-05	6.00478E-05	0	0.00018435	0.00033435	0	0	6.96873E-05	2.24798E-05	0	0.000493581	0.000158754	0	0	0.0043697	0.001288121	0.002261023	0.001613809	0.002203097	0.000476209
578925.014141796.41	578925.01	4141796.41	0.001595159	0.001141258	0.000102753	6.628E-05	3.14479E-05	5.73188E-06	0.000121678	7.65937E-06	0.000226392	0.000958817	0.000305122	0.000553151	0.000125403	6.00069E-06	0.000359218	0.000111122	0.000738352	0.000521897	0.000167823	8.57066E-05	3.80652E-06	0.000307884	0	0.000798733	0.000515517	0.000645987	0.000114749	0	1.42753E-05	5.92725E-05	0	0.000181914	0.00032993	0	0	6.87875E-05	2.21895E-05	0	0.000487057	0.000156656	0	0	0.0039458	0.001259229	0.001995611	0.001442491	0.001880617	0.000413991
578945.014141796.41	578945.01	4141796.41	0.001408283	0.001005295	9.23343E-05	5.956E-05	2.67964E-05	4.88408E-06	0.000105976	6.60104E-06	0.000190261	0.000809939	0.000262748	0.000476332	0.000107988	5.16734E-06	0.000299393	9.2604E-05	0.000604037	0.000428676	0.000137846	7.03977E-05	3.1266E-06	0.00029904	0	0.000775625	0.000500603	0.000627299	0.00011142	0	1.39064E-05	5.75698E-05	0	0.000176651	0.000320385	0	0	6.68115E-05	2.15521E-05	0	0.000472966	0.000152124	0	0	0.0035806	0.001214255	0.001739956	0.001276077	0.001619835	0.000363494
578965.014141796.41	578965.01	4141796.41	0.001251003	0.000895245	8.34504E-05	5.383E-05	2.29225E-05	4.17799E-06	9.41783E-05	5.73868E-06	0.00016201	0.000681652	0.000223201	0.000404637	9.17339E-05	4.38957E-06	0.000252979	7.82383E-05	0.000500411	0.000358936	0.00011542	5.89448E-05	2.61794E-06	0.000288537	0	0.000748248	0.000482933	0.000605156	0.00010748	0	1.34524E-05	5.55478E-05	0	0.000170415	0.000309076	0	0	6.4465E-05	2.07952E-05	0	0.000456271	0.000146754	0	0	0.0032665	0.001164838	0.001517853	0.001127281	0.001414652	0.000323737
578985.014141796.41	578985.01	4141796.41	0.001117423	0.000805003	7.59178E-05	4.897E-05	1.97795E-05	3.60513E-06	8.52491E-05	5.04543E-06	0.000139483	0.000576851	0.000189058	0.000342739	7.77013E-05	3.7181E-06	0.000217216	6.71724E-05	0.000423261	0.000306377	9.85193E-05	5.03136E-05	2.2346E-06	0.0002772	0	0.000718727	0.00046388	0.000581282	0.000103233	0	1.29542E-05	5.33653E-05	0	0.000163692	0.000296883	0	0	6.19321E-05	1.99781E-05	0	0.00043827	0.000140964	0	0	0.0029943	0.001113909	0.001332535	0.00100019	0.001255059	0.000292032
579005.014141796.41	579005.01	4141796.41	0.001003846	0.000730781	6.95656E-05	4.487E-05	1.72441E-05	3.14302E-06	7.83376E-05	4.47852E-06	0.000120215	0.000492562	0.000160752	0.000291425	6.6068E-05	3.16143E-06	0.000189766	5.86802E-05	0.000365548	0.000266122	8.55748E-05	4.37029E-05	1.94099E-06	0.000265353	0	0.000687897	0.000443981	0.000556347	9.87979E-05	0	1.24293E-05	5.10846E-05	0	0.00015667	0.000284148	0	0	5.92853E-05	1.91243E-05	0	0.00041947	0.000134917	0	0	0.0027574	0.001062443	0.001178471	0.000893853	0.001128945	0.000266136
579025.014141796.41	579025.01	4141796.41	0.000907299	0.000669428	6.42019E-05	4.141E-05	1.51664E-05	2.76431E-06	7.27468E-05	4.0099E-06	0.000103292	0.000422955	0.000137679	0.000249596	5.6585E-05	2.70766E-06	0.000168536	5.21133E-05	0.000321738	0.000235248	7.56468E-05	3.86327E-05	1.71581E-06	0.000254142	0	0.000658723	0.000425152	0.000532752	9.46017E-05	0	1.19316E-05	4.89262E-05	0	0.000150026	0.000272097	0	0	5.67804E-05	1.83162E-05	0	0.000401681	0.000129196	0	0	0.0025538	0.001014482	0.001048932	0.000806301	0.001029096	0.000245191
579045.014141796.41	579045.01	4141796.41	0.000825474	0.000617963	5.96891E-05	3.85E-05	1.3458E-05	2.45294E-06	6.81281E-05	3.61871E-06	8.88397E-05	0.000363792	0.000118828	0.000215421	4.88375E-05	2.33693E-06	0.000152003	4.69982E-05	0.000287787	0.000211333	6.79568E-05	3.47054E-05	1.54139E-06	0.000243406	0	0.000630788	0.000407122	0.000510159	9.05837E-05	0	1.1455E-05	4.68594E-05	0	0.000143664	0.000260558	0	0	5.43818E-05	1.75425E-05	0	0.000384646	0.000123717	0	0	0.0023773	0.00096924	0.000938221	0.000733538	0.000948307	0.00022792
579065.014141796.41	579065.01	4141796.41	0.000755799	0.000574088	5.58435E-05	3.602E-05	1.20275E-05	2.1922E-06	6.41184E-05	3.29024E-06	7.69186E-05	0.000313872	0.00010329	0.000187253	4.24515E-05	2.03135E-06	0.000138781	4.29077E-05	0.000260879	0.000192427	6.18772E-05	3.16005E-05	1.40349E-06	0.000234139	0	0.000606675	0.000391559	0.000490658	8.71154E-05	0	1.10437E-05	4.50755E-05	0	0.000138172	0.000250598	0	0	5.23115E-05	1.68747E-05	0	0.000369942	0.000118987	0	0	0.0022265	0.000930264	0.000845088	0.000673426	0.000883031	0.000213869
579085.014141796.41	579085.01	4141796.41	0.000696293	0.000536145	5.25486E-05	3.389E-05	1.08291E-05	1.97377E-06	6.05526E-05	3.01309E-06	6.7237E-05	0.000272848	9.04205E-05	0.000163922	3.71622E-05	1.77825E-06	0.000127954	3.95582E-05	0.000238979	0.000177036	5.69281E-05	2.90731E-05	1.29123E-06	0.000226605	0	0.000587069	0.000378905	0.000474801	8.42953E-05	0	1.07092E-05	4.36249E-05	0	0.000133706	0.000242499	0	0	5.0628E-05	1.63316E-05	0	0.000357987	0.000115142	0	0	0.0020987	0.000898429	0.000768381	0.000623943	0.000829891	0.000202434
579105.014141796.41	579105.01	4141796.41	0.000645266	0.000503099	4.96915E-05	3.205E-05	9.8244E-06	1.79065E-06	5.73207E-05	2.77841E-06	5.93709E-05	0.000239765	7.97668E-05	0.000144608	3.27836E-05	1.56873E-06	0.000118861	3.67451E-05	0.000220687	0.000164108	5.2771E-05	2.695E-05	1.19694E-06	0.000221058	0	0.000572636	0.00036959	0.000463128	8.22194E-05	0	1.04628E-05	4.2557E-05	0	0.000130419	0.000236537	0	0	4.93887E-05	1.59319E-05	0	0.000349186	0.000112311	0	0	0.0019917	0.000874593	0.000706451	0.000583746	0.000786658	0.000193229
579125.014141796.41	579125.01	4141796.41	0.000601472	0.000473966	4.72099E-05	3.045E-05	8.98917E-06	1.63842E-06	5.43932E-05	2.57868E-06	5.29643E-05	0.000212996	7.10614E-05	0.000128826	2.92057E-05	1.39753E-06	0.000111088	3.43405E-05	0.000205032	0.000152951	4.91833E-05	2.51178E-05	1.11557E-06	0.000217247	0	0.000562723	0.000363192	0.000455111	8.07938E-05	0	1.02931E-05	4.18235E-05	0	0.000128162	0.000232442	0	0	4.85375E-05	1.56572E-05	0	0.000343141	0.000110367	0	0	0.0019026	0.000857743	0.000656704	0.000551497	0.000751122	0.000185784
579145.014141796.41	579145.01	4141796.41	0.000563547	0.000448231	4.50118E-05	2.903E-05	8.28216E-06	1.50956E-06	5.16785E-05	2.40732E-06	4.77452E-05	0.000191308	6.39394E-05	0.000115915	2.62787E-05	1.25746E-06	0.000104242	3.22234E-05	0.000191382	0.000143095	4.6014E-05	2.34992E-05	1.04368E-06	0.000215837	0	0.000559055	0.000360824	0.000452144	8.02661E-05	0	1.02303E-05	4.1552E-05	0	0.000127326	0.000230927	0	0	4.82224E-05	1.55556E-05	0	0.000340904	0.000109648	0	0	0.0018317	0.000850283	0.000617962	0.000526843	0.000723161	0.000180204
579165.014141796.41	579165.01	4141796.41	0.000530507	0.000425288	4.30432E-05	2.776E-05	7.68068E-06	1.39993E-06	4.91509E-05	2.25892E-06	4.34903E-05	0.000173605	5.81261E-05	0.000105376	2.38894E-05	1.14314E-06	9.81135E-05	3.03283E-05	0.000179268	0.00013423	4.31634E-05	2.20435E-05	9.79026E-07	0.000217038	0	0.000562172	0.000362836	0.000454665	8.0714E-05	0	1.02858E-05	4.17833E-05	0	0.000128036	0.000232215	0	0	4.84908E-05	1.56422E-05	0	0.000342805	0.000110259	0	0	0.001778	0.000852945	0.00058885	0.000509227	0.000702274	0.000176445
579185.014141796.41	579185.01	4141796.41	0.000501494	0.000404622	4.12581E-05	2.661E-05	7.16496E-06	1.30593E-06	4.67993E-05	2.12897E-06	3.99994E-05	0.000159067	5.33538E-05	9.67242E-05	2.1928E-05	1.04928E-06	9.25524E-05	2.86089E-05	0.000168365	0.00012615	4.05652E-05	2.07166E-05	9.20094E-07	0.00022103	0	0.000572537	0.000369526	0.000463048	8.22036E-05	0	1.04687E-05	4.25518E-05	0	0.000130397	0.000236496	0	0	4.93827E-05	1.59299E-05	0	0.000349125	0.000112292	0	0	0.0017409	0.00086635	0.000568275	0.000498133	0.000688179	0.000174494
579205.014141796.41	579205.01	4141796.41	0.0004758	0.000385755	3.96398E-05	2.557E-05	6.72137E-06	1.22508E-06	4.46239E-05	2.01433E-06	3.7099E-05	0.000146949	4.9428E-05	8.96071E-05	2.03145E-05	9.72074E-07	8.74773E-05	2.70397E-05	0.000158393	0.000118747	3.81845E-05	1.95007E-05	8.66095E-07	0.000227308	0	0.000588826	0.000380039	0.000476221	8.45439E-05	0	1.07587E-05	4.37602E-05	0	0.000134107	0.000243224	0	0	5.07851E-05	1.63823E-05	0	0.000359058	0.000115486	0	0	0.0017173	0.00088855	0.000554509	0.000492381	0.00067962	0.000174038
579225.014141796.41	579225.01	4141796.41	0.00045277	0.000368554	3.81424E-05	2.46E-05	6.33056E-06	1.15385E-06	4.25769E-05	1.91184E-06	3.46666E-05	0.000136796	4.61224E-05	8.36145E-05	1.8956E-05	9.07065E-07	8.2777E-05	2.55867E-05	0.000149255	0.000111906	3.59847E-05	1.83773E-05	8.162E-07	0.00023747	0	0.000615188	0.000397054	0.000497542	8.83312E-05	0	1.12302E-05	4.57166E-05	0	0.000140111	0.000254114	0	0	5.30556E-05	1.71147E-05	0	0.000375133	0.000120657	0	0	0.0017121	0.000925529	0.000548617	0.000493424	0.000678995	0.000175835
579245.014141796.41	579245.01	4141796.41	0.000431991	0.000352742	3.67577E-05	2.371E-05	5.98674E-06	1.09118E-06	4.06692E-05	1.81821E-06	3.25931E-05	0.000128117	4.33106E-05	7.8517E-05	1.78003E-05	8.51767E-07	7.84235E-05	2.42407E-05	0.000140739	0.000105488	3.39211E-05	1.73234E-05	7.69393E-07	0.000250295	0	0.000648445	0.000418518	0.00052444	9.31082E-05	0	1.18288E-05	4.81857E-05	0	0.000147685	0.000267851	0	0	5.5921E-05	1.8039E-05	0	0.000395413	0.00012718	0	0	0.0017202	0.000972654	0.000548407	0.000499365	0.000683921	0.000179194
579265.014141796.41	579265.01	4141796.41	0.000413038	0.000338233	3.54439E-05	2.286E-05	5.67425E-06	1.03422E-06	3.8857E-05	1.73523E-06	3.08213E-05	0.000120641	4.08661E-05	7.40854E-05	1.67957E-05	8.03692E-07	7.43509E-05	2.29822E-05	0.000133035	9.96647E-05	3.20484E-05	1.63671E-05	7.26917E-07	0.000271654	0	0.000703826	0.000454262	0.00056923	0.000101063	0	1.28263E-05	5.22976E-05	0	0.000160298	0.000290727	0	0	6.0693E-05	1.95784E-05	0	0.000429184	0.000138042	0	0	0.0017622	0.001052028	0.00056044	0.000517456	0.000704445	0.000187184
579285.014141796.41	579285.01	4141796.41	0.000395718	0.000324198	3.42302E-05	2.208E-05	5.39804E-06	9.83879E-07	3.71878E-05	1.6533E-06	2.92571E-05	0.000113858	3.86526E-05	7.00727E-05	1.5886E-05	7.60161E-07	7.05749E-05	2.18148E-05	0.00012549	9.39494E-05	3.02106E-05	1.54285E-05	6.85232E-07	0.000293462	0	0.000760354	0.000490747	0.000614948	0.000109181	0	1.38493E-05	5.64959E-05	0	0.000173173	0.000314077	0	0	6.55652E-05	2.11501E-05	0	0.000463654	0.000149128	0	0	0.001808	0.001133171	0.000574292	0.000536936	0.000726058	0.000195453
579305.014141796.41	579305.01	4141796.41	0.000379479	0.000311041	3.30707E-05	2.133E-05	5.14286E-06	9.37368E-07	3.5603E-05	1.57902E-06	2.78738E-05	0.00010779	3.66338E-05	6.64127E-05	1.50562E-05	7.20457E-07	6.7024E-05	2.07174E-05	0.000118596	8.87142E-05	2.85271E-05	1.45687E-05	6.47048E-07	0.000326209	0	0.000845266	0.00054555	0.000683622	0.000121378	0	1.53783E-05	6.28002E-05	0	0.000192512	0.000349152	0	0	7.28816E-05	2.35102E-05	0	0.000515432	0.000165782	0	0	0.0018951	0.001255646	0.000602485	0.000571247	0.00076697	0.000209525
579325.014141796.41	579325.01	4141796.41	0.000364741	0.000299275	3.19696E-05	2.062E-05	4.9087E-06	8.94688E-07	3.41099E-05	1.51405E-06	2.66179E-05	0.000102635	3.49287E-05	6.33216E-05	1.43554E-05	6.86924E-07	6.37282E-05	1.96988E-05	0.000112412	8.40315E-05	2.70213E-05	1.37997E-05	6.12894E-07	0.000373626	0	0.000968256	0.00062493	0.000783092	0.000139046	0	1.75828E-05	7.19288E-05	0	0.000220523	0.000399955	0	0	8.34756E-05	2.69276E-05	0	0.00059043	0.000189904	0	0	0.0020379	0.001433551	0.00064978	0.000625522	0.000833499	0.000231338
579345.014141796.41	579345.01	4141796.41	0.00035095	0.000288072	3.09227E-05	1.995E-05	4.69226E-06	8.5524E-07	3.27049E-05	1.45283E-06	2.54607E-05	9.79236E-05	3.33501E-05	6.04598E-05	1.37066E-05	6.55879E-07	6.06325E-05	1.87421E-05	0.00010661	7.96481E-05	2.56118E-05	1.30799E-05	5.80924E-07	0.000440808	0	0.0011426	0.000737455	0.000924095	0.000164096	0	2.06833E-05	8.48623E-05	0	0.00026023	0.000471971	0	0	9.84853E-05	3.17695E-05	0	0.000696743	0.000224098	0	0	0.0022534	0.001686188	0.000721619	0.000705911	0.000933512	0.000263371
578445.014141816.41	578445.01	4141816.41	0.000899704	0.00117433	0.000143657	9.266E-05	5.38444E-06	9.814E-07	0.000144602	3.47961E-06	1.84687E-05	6.24875E-05	2.23972E-05	4.06034E-05	9.20508E-06	4.40473E-07	6.80173E-05	2.10136E-05	8.87509E-05	6.97818E-05	2.24392E-05	1.14597E-05	5.08963E-07	3.02345E-05	0	7.81083E-05	5.04125E-05	6.31712E-05	1.12028E-05	0	1.48449E-06	5.82061E-06	0	1.77894E-05	3.22639E-05	0	0	6.75499E-06	2.17903E-06	0	4.76294E-05	1.53194E-05	0	0	0.002326	0.000211628	0.000288714	0.000157285	0.000229355	4.97272E-05
578585.014141816.41	578585.01	4141816.41	0.002428105	0.002846043	0.000307688	0.0001985	1.4069E-05	2.56429E-06	0.000299924	8.27955E-06	4.93675E-05	0.000164729	5.52997E-05	0.000100252	2.27278E-05	1.08755E-06	0.000219419	6.79003E-05	0.000303698	0.000219749	7.06629E-05	3.60874E-05	1.60276E-06	5.85127E-05	0	0.000151338	9.76762E-05	0.000122397	2.17158E-05	0	2.82882E-06	1.12646E-05	0	3.44676E-05	6.25127E-05	0	0	1.30729E-05	4.21707E-06	0	9.22838E-05	2.96819E-05	0	0	0.0057917	0.000432604	0.00065044	0.000419072	0.000687848	0.000138035
578605.014141816.41	578605.01	4141816.41	0.002756326	0.003092702	0.000327992	0.0002116	1.64019E-05	2.98951E-06	0.000317804	9.18798E-06	5.85451E-05	0.00019592	6.43797E-05	0.000116713	2.64596E-05	1.26612E-06	0.000266628	8.25357E-05	0.000381559	0.000268688	8.63999E-05	4.41242E-05	1.95971E-06	6.57384E-05	0	0.000170088	0.000109778	0.000137561	2.44099E-05	0	3.16255E-06	1.26557E-05	0	3.87381E-05	7.02578E-05	0	0	1.46873E-05	4.73783E-06	0	0.000103718	3.33594E-05	0	0	0.0064128	0.0004753	0.000727793	0.000496012	0.000841238	0.000165843
578665.014141816.41	578665.01	4141816.41	0.003694789	0.003542031	0.000348033	0.0002245	2.59216E-05	4.72463E-06	0.000351496	1.1857E-05	9.8593E-05	0.000337143	0.000103857	0.00018828	4.26844E-05	2.0425E-06	0.000478652	0.0001483	0.000777505	0.000505201	0.000162453	8.29646E-05	3.68474E-06	9.48903E-05	0	0.000245824	0.00015866	0.000198814	3.52966E-05	0	4.48692E-06	1.82679E-05	0	5.59872E-05	0.000101542	0	0	2.12004E-05	6.83884E-06	0	0.0001499	4.82136E-05	0	0	0.0079256	0.00060788	0.001021709	0.000834402	0.001587745	0.000297316
578685.014141816.41	578685.01	4141816.41	0.003900837	0.003563245	0.000337038	0.0002174	2.99386E-05	5.45679E-06	0.000358393	1.26424E-05	0.000116956	0.000404202	0.000122309	0.000221731	5.0268E-05	2.40538E-06	0.00057452	0.000178044	0.000978735	0.000622197	0.000200075	0.000102178	4.53807E-06	0.000107477	0	0.000278552	0.000179783	0.000225283	4.00027E-05	0	5.05173E-06	2.0691E-05	0	6.34411E-05	0.000115061	0	0	2.40126E-05	7.74598E-06	0	0.000169858	5.46326E-05	0	0	0.0081871	0.000652398	0.001149146	0.000987998	0.00195658	0.000361424
578785.014141816.41	578785.01	4141816.41	0.003242709	0.002661442	0.000205756	0.0001327	4.7842E-05	8.71996E-06	0.000319605	1.37994E-05	0.000243615	0.000901584	0.000256818	0.000465581	0.00010555	5.05071E-06	0.000905396	0.000280501	0.001913154	0.001197753	0.000385152	0.000196696	8.73596E-06	0.000191336	0	0.00049667	0.00032056	0.000401689	7.13703E-05	0	8.79739E-06	3.68351E-05	0	0.000113118	0.000205158	0	0	4.27482E-05	1.37898E-05	0	0.000302862	9.74119E-05	0	0	0.0067979	0.000902806	0.001974262	0.001729484	0.00370806	0.000687996

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Cubberley Community Center Master Plan - Mitigation

Cancer Risk Summary & Maximum Annual GLC for Chronic Calculations

Residential Receptors

Cancer Risk Summary Max Risk: 5.991583

X/Y UTM 579005 4141396

X UTM Y UTM

Max GLC for Chronic Calcs 579005 4141396.41

0.489558746

XY	X	Y	Phase I			Phase II			Phase III			Sum	X UTM	Y UTM
			Offroad Risk	Haul Risk	Total Risk	Offroad Risk	Haul Risk	Total Risk	Offroad Risk	Haul Risk	Total Risk	Total Risk		
578385.01414117	578385	4141176	0.033266141	0.000149022	0.033415	0.001018266	1.92095E-05	0.001037476	0.002291506	1.96896E-05	0.002311195	0.036763834		
578405.01414117	578405	4141176	0.037631465	0.000156419	0.037788	0.001103602	2.01636E-05	0.001123764	0.002542535	2.0667E-05	0.002563202	0.04147485		
578425.01414117	578425	4141176	0.042954773	0.000165404	0.04312	0.00120278	2.13212E-05	0.001224101	0.002839176	2.1854E-05	0.00286103	0.047205308		
578445.01414117	578445	4141176	0.050090058	0.000180975	0.050271	0.001319169	2.33285E-05	0.001342498	0.003193594	2.39114E-05	0.003217505	0.054831035		
578465.01414117	578465	4141176	0.057765657	0.000186717	0.057952	0.001446372	2.4068E-05	0.001470441	0.003590471	2.467E-05	0.003615141	0.063037935		
578485.01414117	578485	4141176	0.067237421	0.000201781	0.067439	0.001596508	2.601E-05	0.001622518	0.004065289	2.66604E-05	0.004091949	0.073153669		
578505.01414117	578505	4141176	0.079337469	0.00021742	0.079555	0.001778919	2.80266E-05	0.001806945	0.004665737	2.87267E-05	0.004694464	0.086056297		
578525.01414117	578525	4141176	0.093554278	0.000232045	0.093786	0.001984342	2.99111E-05	0.002014254	0.005333055	3.0659E-05	0.005363714	0.101164291		
578545.01414117	578545	4141176	0.111682304	0.000254844	0.111937	0.002270837	3.285E-05	0.002303687	0.006212818	3.36714E-05	0.006246489	0.120487324		
578565.01414117	578565	4141176	0.132755714	0.000268557	0.133024	0.002558105	3.46136E-05	0.002592723	0.007048511	3.54833E-05	0.007083995	0.142700989		
578585.01414117	578585	4141176	0.158856905	0.000299058	0.159156	0.002903503	3.85498E-05	0.002942052	0.008220673	3.95131E-05	0.008260186	0.170358201		
578605.01414117	578605	4141176	0.190739815	0.000329321	0.191069	0.0033125	4.245E-05	0.003354951	0.009494437	4.35117E-05	0.009537949	0.203962037		
578625.01414117	578625	4141176	0.229041897	0.00033786	0.22938	0.003789852	4.3552E-05	0.003833404	0.010855552	4.46408E-05	0.010900193	0.244113361		
578645.01414117	578645	4141176	0.275029981	0.000365564	0.275396	0.004283197	4.71226E-05	0.00433032	0.012553698	4.83002E-05	0.012601998	0.292327862		
578665.01414117	578665	4141176	0.335559855	0.000402988	0.335963	0.00506068	5.19466E-05	0.005112627	0.01459891	5.3245E-05	0.014652155	0.355727624		
578685.01414117	578685	4141176	0.410670166	0.000469866	0.41114	0.005919668	6.05677E-05	0.005980235	0.017217539	6.20812E-05	0.017279621	0.434399888		
578705.01414117	578705	4141176	0.500851273	0.000519416	0.501371	0.00692706	6.6954E-05	0.006994014	0.020085728	6.8628E-05	0.020154356	0.528519059		
578725.01414117	578725	4141176	0.609785917	0.000576768	0.610363	0.008126594	7.4347E-05	0.008200941	0.023457135	7.62058E-05	0.023533341	0.642096968		
578745.01414117	578745	4141176	0.741173422	0.000645909	0.741819	0.009574252	8.326E-05	0.009657511	0.027484423	8.5341E-05	0.027569764	0.779046606		
578765.01414117	578765	4141176	0.890474611	0.000722007	0.891197	0.011263786	9.3069E-05	0.011356855	0.032126379	9.53955E-05	0.032221775	0.934775249		
578785.01414117	578785	4141176	1.060336824	0.000814657	1.061151	0.013299611	0.00010501	0.013404622	0.037644382	0.00010767	0.037752019	1.112308121		
578805.01414117	578805	4141176	1.244110266	0.000924734	1.245035	0.015736276	0.00011192	0.015847477	0.044104589	0.00012181	0.04422677	1.305117045		
578825.01414117	578825	4141176	1.436253397	0.001058962	1.437312	0.018705797	0.0001365	0.0188423	0.051709525	0.00013996	0.051849141	1.5080038		
578845.01414117	578845	4141176	1.625111554	0.001218354	1.62633	0.022334416	0.00015705	0.022491465	0.06050672	0.00016096	0.060667695	1.709489068		
578865.01414117	578865	4141176	1.788150355	0.001387372	1.789538	0.026581151	0.00017884	0.026759987	0.070010188	0.00018337	0.070193495	1.886491208		
578885.01414117	578885	4141176	1.923422835	0.001577128	1.925	0.031754533	0.0002033	0.031957829	0.080401648	0.00020839	0.080610027	2.037567819		
578905.01414117	578905	4141176	2.019610072	0.001775498	2.021386	0.037952653	0.00022887	0.03818152	0.091184046	0.00023458	0.091418634	2.150985724		
578925.01414117	578925	4141176	2.074321398	0.00197961	2.076301	0.045368358	0.00025518	0.045623536	0.103919989	0.00026157	0.104181146	2.226410689		
578945.01414117	578945	4141176	2.088312997	0.002182269	2.090495	0.054145402	0.0002813	0.054426702	0.112008305	0.00028833	0.112296638	2.257218607		
578965.01414117	578965	4141176	2.057518393	0.002368276	2.059887	0.063944814	0.00030528	0.064250092	0.120357785	0.00031291	0.120670694	2.244807455		
578985.01414117	578985	4141176	1.989673049	0.002538004	1.992211	0.074637751	0.00032716	0.074964907	0.126489196	0.00033535	0.126824531	2.194000491		
579005.01414117	579005	4141176	1.888831699	0.00268733	1.891501	0.085683284	0.0003464	0.086029689	0.129834919	0.00035065	0.130189983	2.107720101		
579025.01414117	579025	4141176	1.765890919	0.002834697	1.771626	0.096930258	0.00036564	0.097295958	0.130558125	0.00037456	0.130932661	1.999654235		
579045.01414117	579045	4141176	1.634182284	0.002986556	1.637169	0.107572231	0.00038498	0.107957207	0.12864126	0.0003946	0.12903586	1.874161906		
579065.01414117	579065	4141176	1.489800865	0.003141185	1.492942	0.116577338	0.00040491	0.116982246	0.124263525	0.00041503	0.124678555	1.734602851		
579085.01414117	579085	4141176	1.339221371	0.003295375	1.342517	0.12287279	0.00042478	0.123297573	0.11774657	0.00043403	0.118181973	1.583996292		
579105.01414117	579105	4141176	1.19104879	0.003458313	1.194506	0.126023847	0.00044579	0.126469633	0.10982044	0.00045691	0.110277371	1.431253397		
579125.01414117	579125	4141176	1.0503995	0.003632229	1.054028	0.125762962	0.0004682	0.126231667	0.10108198	0.00047991	0.10156189	1.281824786		
579145.01414117	579145	4141176	0.920534978	0.003816853	0.924352	0.122195192	0.00049198	0.122687168	0.092028655	0.000504276	0.092532932	1.139571726		
579165.01414117	579165	4141176	0.802437028	0.004006034	0.806443	0.115704157	0.00051639	0.116220546	0.082977657	0.000529299	0.083506956	1.006170563		
579185.01414117	579185	4141176	0.700945613	0.004221461	0.705167	0.107440126	0.00054416	0.107984284	0.074581544	0.000557762	0.075139306	0.888290664		
579205.01414117	579205	4141176	0.611677989	0.004441278	0.616119	0.097809822	0.00057249	0.098382316	0.06667964	0.000586806	0.067266445	0.781768029		
579225.01414117	579225	4141176	0.533595899	0.004675654	0.540072	0.087775935	0.00060271	0.08837864	0.059528119	0.000617773	0.060145892	0.688596085		
579245.01414117	579245	4141176	0.463720668	0.004915267	0.468636	0.078107118	0.00063512	0.078742238	0.052255353	0.00020868	0.052464033	0.599842907		
579265.01414117	579265	4141176	0.403699464	0.005159425	0.408858	0.069038258	0.00066712	0.069705371	0.045923184	0.000683849	0.046607033	0.525170262		
579285.01414117	579285	4141176	0.351722008	0.005419525	0.357141	0.060789085	0.00070064	0.061489725	0.040186489	0.000702744	0.040889233	0.459520099		
579305.01414117	579305	4141176	0.306139454	0.005695127	0.311834	0.053388193	0.00073592	0.054123785	0.035222744	0.000722744	0.035945488	0.401903107		
579325.01414117	579325	4141176	0.266422336	0.005987	0.272409	0.046757139	0.00077301	0.047530149	0.030844124	0.000743	0.031587124	0.351526382		
579345.01414117	579345	4141176	0.231997116	0.006295	0.238292	0.040824116	0.00081199	0.041636106	0.026977	0.000764	0.027741	0.308169398		
579365.01414117	579365	4141176	0.201997116	0.006619	0.208616	0.035511	0.00085292	0.036363292	0.023511	0.000786	0.024297	0.269276308		
579385.01414117	579385	4141176	0.175870705	0.006961	0.182832	0.030911	0.00089587	0.031806587	0.020475	0.000809	0.021284	0.235922419		
579405.01414117	579405	4141176	0.153127	0.007321	0.160448	0.026918	0.00094092	0.027858923	0.017829	0.000833	0.018662	0.207169385		
579425.01414117	579425	4141176	0.133344	0.007699	0.141043	0.023439	0.00098815	0.024427815	0.015523	0.000857	0.016381	0.181852198		
579445.01414117	579445	4141176	0.116139	0.008097	0.124236	0.020414	0.00103766	0.021451766	0.013518	0.000883	0.014401	0.160088766		
579465.01414117	579465	4141176	0.101163	0.008516	0.109679	0.017779	0.00108953	0.018868953	0.011774	0.000909	0.012683	0.141231635		
579485.01414117	579485	4141176	0.088107	0.008956	0.097063	0.015484	0.00114386	0.016627863	0.010254	0.000936	0.011191	0.124881917		
579505.01414117	579505	4141176	0.076709	0.009419	0.086128	0.013483	0.00120076	0.014683756	0.008929	0.000964	0.009893	0.110705777		
579525.01414117	579525	4141176	0.066757	0.009906	0.076663	0.011736	0.00126035	0.012996348	0.007771	0.000993	0.008764	0.098423111		
579545.01414117	579545	4141176	0.058081	0.010418	0.068499	0.010209	0.00132277	0.011531771	0.006762	0.001023	0.007785	0.087815771		
579565.01414117	579565	4141176	0.050539	0.010957	0.061496	0.008882	0.00138816	0.010270161	0.005882	0.001053	0.006935	0.078701161		
579585.01414117	579585	4141176	0.043999	0.011524	0.055523	0.007731	0.00145666	0.009187666	0.005117	0.001085	0.006202	0.070912834		
579605.01414117	579605	4141176	0.038344	0.012121	0.050465	0.006735	0.00152844	0.008263844	0.004459	0.001118	0.005577	0.063906309		
579625.01414117	579625	4141176	0.033468	0.012749	0.046217	0.005882	0.00160366	0.007485366	0.003894	0.001152	0.005046	0.057748583		
579645.01414117	579645	4141176	0.029274	0.013411	0.042685	0.005145	0.00168249	0.006827488	0.003407	0.001187	0.004594	0.052106573		
579665.01414117	579665	4141176	0.025677	0.014107	0.039784	0.004514	0.00176511	0.006279109	0.002991	0.001223	0.004214	0.047277323		
579685.01414117	579685	4141176	0.022603	0.014839	0.037442	0.003975	0.00185172	0.005826717	0.002635	0.001261	0.003896	0.043164456		
579705.01414117	579705	4141176	0.020001	0.015609	0.03561	0.003516	0.00194252	0.005458517	0.002331	0.001301	0.003632	0.039724149		
579725.01414117	579725	4141176	0.017829	0.016419	0.034248	0.003133	0.00203771	0.005171707	0.002077	0.001342	0.003419	0.036838856		
579745.01414117	579745	4141176	0.015999	0.017272	0.033271	0.002812	0.00213751	0.005	0.001864	0.001385	0.003249	0.034520856		
579765.01414117	579765	4141176	0.014437	0.018171	0.032608	0.002538	0.00224215	0.004780215	0.001682	0.001429	0.003111	0.032591215		

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578785.014141236.41	578785	4141236	1.493355204	0.000970096	1.494325	0.014318274	0.00012505	0.014443323	0.045827017	0.000128174	0.045955191	1.554723814
578805.014141236.41	578805	4141236	1.785383421	0.001121584	1.786505	0.017336842	0.00014458	0.017481417	0.054820701	0.00014819	0.054968891	1.858955314
578825.014141236.41	578825	4141236	2.081845868	0.001306781	2.083153	0.021085826	0.00016845	0.021254274	0.065530285	0.000172659	0.065702944	2.170109866
578945.014141236.41	578945	4141236	2.807938159	0.002838885	2.810777	0.071384816	0.00036594	0.071750757	0.152572353	0.000375089	0.152947442	3.035475243
578965.014141236.41	578965	4141236	2.707387273	0.003059311	2.710447	0.086455254	0.00039435	0.086849608	0.163315936	0.000404213	0.163720149	2.96101634
578985.014141236.41	578985	4141236	2.570747272	0.003263051	2.57401	0.103715516	0.00042062	0.104136132	0.170419547	0.000431132	0.170850679	2.848997134
579005.014141236.41	579005	4141236	2.385347238	0.003429637	2.388777	0.121065435	0.00044209	0.121507525	0.172225142	0.000453142	0.172678284	2.682962683
579025.014141236.41	579025	4141236	2.175317168	0.003586934	2.178904	0.138107782	0.00046237	0.138570148	0.169434559	0.000473925	0.169908485	2.487382735
579045.014141236.41	579045	4141236	1.950449247	0.003747069	1.954196	0.153321852	0.00048301	0.153804859	0.162558582	0.000495083	0.163053665	2.271054841
579065.014141236.41	579065	4141236	1.720582821	0.003918147	1.724501	0.164963035	0.00050506	0.165468095	0.152460333	0.000517687	0.15297802	2.042947083
579085.014141236.41	579085	4141236	1.498825881	0.004113781	1.50294	0.171755365	0.00053028	0.172285643	0.140389997	0.000543535	0.140933532	1.816158837
579105.014141236.41	579105	4141236	1.287810563	0.004318061	1.292129	0.17224917	0.00055661	0.17280578	0.126975197	0.000570526	0.127545723	1.592480127
579125.014141236.41	579125	4141236	1.098269617	0.004542034	1.102812	0.166845191	0.00058548	0.167430672	0.113378959	0.000600118	0.113979077	1.384221399
579145.014141236.41	579145	4141236	0.933057076	0.004783941	0.937841	0.156399487	0.00061666	0.157016151	0.100253955	0.00063208	0.100886035	1.195743204
579165.014141236.41	579165	4141236	0.794452925	0.005054964	0.799508	0.142638831	0.0006516	0.143290431	0.088237197	0.000667889	0.088905086	1.031703406
579185.014141236.41	579185	4141236	0.679037182	0.005350678	0.684388	0.127088364	0.00068972	0.127778082	0.0774352	0.000706961	0.078142161	0.890308103
579205.014141236.41	579205	4141236	0.58468227	0.005682431	0.590365	0.111416255	0.00073248	0.112148737	0.068012121	0.000750794	0.068762915	0.771276352
579225.014141236.41	579225	4141236	0.508242879	0.006062417	0.514305	0.096814632	0.00078146	0.097596095	0.059951676	0.000801	0.060752675	0.672654067
579245.014141236.41	579245	4141236	0.443506509	0.006448821	0.449955	0.083236288	0.00083127	0.084067559	0.052772495	0.000852053	0.053624548	0.587647438
578385.014141256.41	578385	4141256	0.031254186	0.00016	0.031414	0.000990999	2.0624E-05	0.001011623	0.00213767	2.114E-05	0.00215881	0.034584618
578405.014141256.41	578405	4141256	0.035707484	0.000174321	0.035882	0.001067182	2.247E-05	0.001089653	0.002376644	2.30322E-05	0.002399676	0.039371133
578425.014141256.41	578425	4141256	0.0406429	0.000185568	0.040828	0.001156328	2.392E-05	0.001180248	0.002669766	2.45183E-05	0.002694284	0.044703001
578445.014141256.41	578445	4141256	0.046546041	0.000195296	0.046741	0.00125357	2.5174E-05	0.001278744	0.002978925	2.58036E-05	0.003004728	0.05102481
578465.014141256.41	578465	4141256	0.05383773	0.000206104	0.054044	0.001366339	2.6567E-05	0.001392907	0.003360704	2.72316E-05	0.003387935	0.058824676
578485.014141256.41	578485	4141256	0.063049029	0.000219041	0.063268	0.001500317	2.8235E-05	0.001528552	0.003841838	2.89409E-05	0.003870779	0.0686674
578505.014141256.41	578505	4141256	0.075580566	0.00023701	0.075818	0.001698006	3.0551E-05	0.001728557	0.00441802	3.13151E-05	0.004449335	0.081995468
578525.014141256.41	578525	4141256	0.090535677	0.00026974	0.090805	0.001887569	3.477E-05	0.00192234	0.005172762	3.56394E-05	0.005208401	0.097936158
578545.014141256.41	578545	4141256	0.109224082	0.000275482	0.1095	0.002107829	3.551E-05	0.00214334	0.005989735	3.63981E-05	0.006026133	0.117669036
578565.014141256.41	578565	4141256	0.133540286	0.000312399	0.133853	0.002376037	4.0269E-05	0.002416307	0.006994808	4.12759E-05	0.007036084	0.143305076
578585.014141256.41	578585	4141256	0.165209727	0.000340535	0.16555	0.00270366	4.3896E-05	0.002747556	0.008227299	4.49934E-05	0.008272292	0.176570111
578605.014141256.41	578605	4141256	0.205579587	0.000370529	0.20595	0.003094483	4.7762E-05	0.003142245	0.009704676	4.89563E-05	0.009753632	0.218845993
578625.014141256.41	578625	4141256	0.25642071	0.000400421	0.256821	0.003556922	5.1615E-05	0.003608538	0.011450487	5.29058E-05	0.011503393	0.271933062
578645.014141256.41	578645	4141256	0.322573046	0.000437237	0.32301	0.00412687	5.6361E-05	0.004183231	0.013575586	5.77702E-05	0.013633356	0.340826871
578665.014141256.41	578665	4141256	0.410629499	0.000485538	0.411115	0.004847095	6.2587E-05	0.004909682	0.016214709	6.41519E-05	0.016278861	0.43230358
578685.014141256.41	578685	4141256	0.524009565	0.000539952	0.52455	0.005728811	6.9601E-05	0.005798413	0.019387138	7.13414E-05	0.01945848	0.549806409
578705.014141256.41	578705	4141256	0.671864178	0.000606694	0.672471	0.006832418	7.8205E-05	0.006910623	0.023275606	8.01598E-05	0.023355766	0.702737262
578725.014141256.41	578725	4141256	0.85674173	0.000681509	0.857423	0.008174956	8.7849E-05	0.008262805	0.027909762	9.00447E-05	0.027999807	0.893685851
578745.014141256.41	578745	4141256	1.086539749	0.000771152	1.087311	0.009837356	9.9404E-05	0.009936759	0.033531391	0.000101889	0.03363328	1.13088094
578765.014141256.41	578765	4141256	1.36588716	0.000884	1.366771	0.011921103	0.00011395	0.012035053	0.040430636	0.000116799	0.040547435	1.419353649
578785.014141256.41	578785	4141256	1.691862191	0.001026672	1.692889	0.014550594	0.00013234	0.014682935	0.048935638	0.000135649	0.049071287	1.756643086
578805.014141256.41	578805	4141256	2.048245238	0.001206296	2.049452	0.017866046	0.00015549	0.018021541	0.059328263	0.000159382	0.059487646	2.12696072
578965.014141256.41	578965	4141256	2.978470726	0.00335212	2.981823	0.096542004	0.0004321	0.096974102	0.182310985	0.0004429	0.182753885	3.261550833
578985.014141256.41	578985	4141256	2.798331793	0.003549442	2.801881	0.116343165	0.00045753	0.116800699	0.188949806	0.000468972	0.189418778	3.108100712
579005.014141256.41	579005	4141256	2.5861096	0.003732072	2.589842	0.137558723	0.00048107	0.138039798	0.190177489	0.000493102	0.190670591	2.918552062
579025.014141256.41	579025	4141256	2.331423614	0.003886161	2.33531	0.157135895	0.00050094	0.157636832	0.185178936	0.000513461	0.185692396	2.678639003
579045.014141256.41	579045	4141256	2.066710141	0.004052983	2.070763	0.174540669	0.00052244	0.17506311	0.175773593	0.000535502	0.176309095	2.42213533
579065.014141256.41	579065	4141256	1.79969677	0.004236424	1.803933	0.187240293	0.00054609	0.18778638	0.162948701	0.000559739	0.163508441	2.155228015
579085.014141256.41	579085	4141256	1.546355517	0.004449148	1.550805	0.193667689	0.00057351	0.194241196	0.148270037	0.000587846	0.148857883	1.893903744
579105.014141256.41	579105	4141256	1.307835569	0.004665892	1.312501	0.192018425	0.00060145	0.192619872	0.1323133	0.000616483	0.132929783	1.638051116
579125.014141256.41	579125	4141256	1.10067152	0.004911954	1.105583	0.183503648	0.00063316	0.184136813	0.116745228	0.000648994	0.117394222	1.40711451
579145.014141256.41	579145	4141256	0.926419381	0.00518899	0.931608	0.169538131	0.00066888	0.170207007	0.1022664	0.000685597	0.102951998	1.204767375
579165.014141256.41	579165	4141256	0.783452025	0.005502504	0.788955	0.152259788	0.00070929	0.152969076	0.089301414	0.000727021	0.090028435	1.03195204
579185.014141256.41	579185	4141256	0.667423958	0.005855739	0.67328	0.13376952	0.00075482	0.134524342	0.077950215	0.000773692	0.078723907	0.886527945
579205.014141256.41	579205	4141256	0.572727362	0.00624248	0.57897	0.115574786	0.00080467	0.116379459	0.068055341	0.00082479	0.068880131	0.764229433
579225.014141256.41	579225	4141256	0.495807372	0.006670733	0.502478	0.098884235	0.00085988	0.099744112	0.059556952	0.000881373	0.060438326	0.662660542
579245.014141256.41	579245	4141256	0.432733751	0.00713614	0.43987	0.084145624	0.00091987	0.085065493	0.052249674	0.000942866	0.05319254	0.578127924
579265.014141256.41	579265	4141256	0.380322192	0.007625866	0.387948	0.071388893	0.000983	0.072371889	0.045927502	0.001007571	0.046935073	0.50725502
578385.014141276.41	578385	4141276	0.031896966	0.000175064	0.032072	0.00102706	2.2566E-05	0.001049627	0.002164026	2.31304E-05	0.002187156	0.035308812
578405.014141276.41	578405	4141276	0.035219198	0.000177327	0.035397	0.001067582	2.2858E-05	0.001090439	0.00233295	2.34294E-05	0.002356379	0.038843344
578425.014141276.41	578425	4141276	0.039949723	0.000188406	0.040138	0.00115233	2.4286E-05	0.001176616	0.002604019	2.48932E-05	0.002628912	0.043943657
578445.014141276.41	578445	4141276	0.045999455	0.000200295	0.0462	0.001250499	2.5819E-05	0.001276317	0.002943888	2.64641E-05	0.002970352	0.050446419
578465.014141276.41	578465	4141276	0.052942079	0.000211239	0.053153	0.001358892	2.7229E-05	0.001386121	0.003319934	2.791E-05	0.003347844	0.057887282
578485.014141276.41	578485	4141276	0.062132276	0.000224411	0.062357	0.00148784	2.8927E-05	0.001516768	0.003776507	2.96505E-05	0.003806157	0.067679612
578505.014141276.41	578505	4141276	0.073582968	0.000240557	0.073824	0.001639701	3.1008E-05	0.001670709	0.004327577	3.17836E-05	0.00435936	0.079853594
578525.014141276.41	578525	4141276	0.088803447	0.000258391	0.089062	0.001858536	3.3307E-05	0.001891843	0.005004561	3.414E-05	0.005038701	0.095992381
578545.014141276.41	578545	4141276	0.107647365	0.000278353	0.107926	0.002073031	3.588E-05	0.002108912	0.005898151	3.67774E-05	0.005934929	0.115969558
578565.014141276.41	578565	4141276	0.132068493	0.000315946	0.132384	0.00232971	4.0726E-05	0.002370437	0.006898934	4.17445E-05	0.006940678	0.141695554
578585.014141276.41	578585	4141276	0.16469079	0.000346581	0.165037	0.002648181	4.4675E-05	0.002692856	0.008151235	4.57922E-05	0.008197027	0.175927255
578605.014141276.41	578605	4141276	0.206781837	0.000377588	0.207159	0.00302777	4.8672E-05	0.003076442	0.00966092	4.9889E-05	0.009710809	0.219946677
578625.014141276.41	578625	4141276	0.262265363	0.000413695	0.262679	0.003493829	5.3326E-05	0.003547156	0.011513721	5.46596E-05	0.011568381	0.277794595
578645.014141276.41	578645	4141276	0.333548611	0.000451457	0.334	0.004050797	5.8194E-05	0.004108991	0.013724072	5.9649E-05	0.013783721	0.35189278
578665.014141276.41	578665	4141276	0.429096174	0.000499015	0.429595	0.004752532	6.4324E-05	0.004816856	0.016469627	6.59325E-05	0.016535559	0.450947605
578685.014141276.41	578685	4141276	0.555923531	0.000557448	0.556481	0.005629897	7.1857E-05	0.005701753	0.01984526	7.36531E-05	0.019918913	0.582101645
578705.014141276.41	578705	4141276	0.723777922	0.000627838	0.724406	0.00673418	8.093E-05	0.006815111	0.024008366	8.29534E-05	0.024091319	0.75531219
578725.014141276.41	578725	4141276	0.943227352	0.000713394	0.943941	0.008129233	9.1959E-05	0.008221192	0.029154877	9.42575E-05	0.029249134	0.981411073
578745.014141276.41	578745	4141276	1.214158209	0.000811482	1.21497	0.009836617	0.0001046	0.009941219	0.035317952	0.000107217	0.035425169	1.260336079
578765.014141276.41	578765	4141276	1.550577512	0.000938279	1.551516	0.012024843	0.00012095	0.01214579	0.043033567	0.00012397	0.043157538	1.606819119
578785.014141276.41	578785	4141276	1.941348087	0.001096454	1.942445	0.014791841	0.00014134	0.014933177	0.052535705	0.000144869	0.052680575	2.010058294
578985.014141276.41	578985	4141276	3.058150407	0.003876568	3.062027	0.131695389	0.0004997	0.13219509	0.210510882	0.000512193	0.211023075	3.40524514
579005.014141276.41	579005	4141276	2.797450796	0.004053287	2.801504	0.156512982	0.00052248	0.157035462	0.209914517	0.000535542	0.21045006	3.168989605
579025.014141276.41	579025	4141276	2.507359215	0.004227169	2.511586	0.180561676	0.00054489	0.18110657	0.202879685	0.000558516	0.203438201	2.896131155
579045.014141276.41	579045	4141276	2.192030927	0.004398922	2.19643	0.200346139	0.00056703	0.200913173	0.190148739	0.00058121	0.190729949	2.588072971
579065.014141276.41	579065	4141276	1.882837368	0.004602426	1.88744	0.214270875	0.00059327	0.214864141	0.174151816	0.000608098	0.174759914	2.27706385
579085.014141276.41	579085	4141276	1.583384821	0.004811638	1.588196	0.218897929	0.00062023	0.219518163	0.155753505	0.00063574	0.156389245	1.964103866
579105.014141276.41	579105	4141276	1.321075913	0.005061314	1.326137	0.214721171	0.00065242	0.215373589	0.137366852	0.000668728	0.138035581	1.679546397
579125.014141276.41	579125	4141276	1.09828349	0.005343315	1.103627	0.20221451	0.00068877	0.202903278	0.119853283	0.000705988	0.12055927	1.427089353
579145.014141276.41	579145	4141276	0.916975219	0.005670474	0.922646	0.183891347	0.00073094	0.184622288	0.104089779	0.000749214	0.104838993	1.212106974
579165.014141276.41	579165	4141276	0.769859169	0.006031309	0.77589	0.162202595	0.00077745	0.162980048	0.090095557	0.000796889	0.090892446	1.029762972
579185.014141276.41	579185	4141276	0.65210551	0.006433791	0.658539	0.139897352	0.00082933	0.140726686	0.077989916	0.000850067	0.078839984	0.87810597
579205.014141276.41	579205	4141276	0.557980224	0.006883694	0.564864	0.118906147	0.00088733	0.119793475	0.067656276	0.000909511	0.068565787	0.75322318
579225.014141276.41	579225	4141276	0.482330183	0.007384938	0.489715	0.100267522	0.00095194	0.101219461	0.058884815	0.000975738	0.059860553	0.650795135
579245.014141276.41	579245	4141276	0.420685109	0.007930869	0.428616	0.084233493	0.00102231	0.085255804	0.051405989	0.001047869	0.052453859	0.566325641
579265.014141276.41	579265	4141276	0.370791385	0.008547865	0.379339	0.07100047	0.00110184	0.072102314	0.04513935	0.00112939	0.04626874	0.497710305
578385.014141296.41	578385	4141296	0.031137133	0.000171517	0.031309	0.001004631	2.2109E-05	0.00102674	0.002070112	2.26618E-05	0.002092774	0.034428164
578405.014141296.41	578405	4141296	0.035575866	0.000202558	0.035778	0.001107704	2.611E-05	0.001133814	0.002365052	2.67631E-05	0.002391815	0.039304053
578425.014141296.41	578425	4141296	0.039453548	0.000192222	0.039646	0.001156307	2.4778E-05	0.001181085	0.002571011	2.53975E-05	0.002596408	0.043423264
578445.014141296.41	578445	4141296	0.045045805	0.000203301	0.045249	0.001248163	2.6206E-05	0.001274369	0.002883418	2.68612E-05	0.002910279	0.049433755
578465.014141296.41	578465	4141296	0.052284556	0.000217791	0.052502	0.001357503	2.8074E-05	0.001385577	0.003262384	2.87758E-05	0.00329116	0.057179084
578485.014141296.41	578485	4141296	0.061425557	0.000231808	0.061657	0.001514942	2.9881E-05	0.001544823	0.003712644	3.06278E-05	0.003743272	0.06694546
578505.014141296.41	578505	4141296	0.072594243	0.000246535	0.072841	0.001662281	3.1779E-05	0.00169406	0.004250644	3.25735E-05	0.004283218	0.078818055
578525.014141296.41	578525	4141296	0.087049178	0.000263761	0.087313	0.001836949	3.4E-05	0.001870949	0.004909607	3.48495E-05	0.004944457	0.094128344
578545.014141296.41	578545	4141296	0.105764091	0.000284196	0.106048	0.002043661	3.6634E-05	0.002080294	0.005795533	3.75495E-05	0.005833083	0.113961664
578565.014141296.41	578565	4141296	0.130319282	0.000318884	0.130638	0.002291525	4.1105E-05	0.00233263	0.006795628	4.21327E-05	0.006837761	0.139808557
578585.014141296.41	578585	4141296	0.162996118	0.000352121	0.163348	0.002592723	4.5389E-05	0.002638112	0.008036198	4.65241E-05	0.008082722	0.174069073
578605.014141296.41	578605	4141296	0.206865226	0.000384715	0.20725	0.002963119	4.9591E-05	0.00301271	0.009581232	5.08306E-05	0.009632063	0.219894713
578625.014141296.41	578625	4141296	0.265830459	0.000424031	0.266254	0.003419291	5.4659E-05	0.00347395	0.011498778	5.60252E-05	0.011554803	0.281283243
578645.014141296.41	578645	4141296	0.344491885	0.000467332	0.344959	0.003978154	6.024E-05	0.004038394	0.01385182	6.17465E-05	0.013913566	0.362911177
578665.014141296.41	578665	4141296	0.448112072	0.000514822	0.448627	0.00465597	6.6362E-05	0.004722332	0.016697041	6.80211E-05	0.016765062	0.470114288
578685.014141296.41	578685	4141296	0.590116657	0.000575215	0.590692	0.005521872	7.4147E-05	0.005596019	0.020276319	7.60005E-05	0.020352319	0.61664021
578705.014141296.41	578705	4141296	0.782322902	0.00065057	0.782973	0.006623005	8.386E-05	0.006706865	0.024744132	8.59569E-05	0.024830089	0.814510426
578725.014141296.41	578725	4141296	1.037700721	0.000742577	1.038443	0.008022313	9.572E-05	0.008118033	0.030304308	9.81134E-05	0.030402421	1.076963752
578745.014141296.41	578745	4141296	1.368132865	0.000855661	1.368989	0.009808448	0.0001103	0.009918745	0.037237077	0.000113055	0.037350132	1.416257404
579005.014141296.41	579005	4141296	3.037562719	0.00441375	3.041976	0.179741217	0.00056895	0.180310162	0.232372529	0.000583169	0.232955698	3.455242329
579025.014141296.41	579025	4141296	2.692930881	0.004594151	2.697525	0.208427313	0.0005922	0.209019512	0.221983632	0.000607004	0.222590636	3.129135181
579045.014141296.41	579045	4141296	2.322890902	0.004783401	2.327674	0.23162001	0.00061659	0.232236604	0.205432113	0.000632009	0.206064122	2.765975029
579065.014141296.41	579065	4141296	1.950922989	0.004984034	1.955907	0.245522318	0.00064246	0.246164774	0.184811143	0.000658518	0.185469661	2.387541458
579085.014141296.41	579085	4141296	1.614691984	0.005229116	1.619921	0.248897209	0.00067405	0.249571257	0.163142247	0.000690899	0.163833146	2.033325503
579105.014141296.41	579105	4141296	1.328171182	0.005523749	1.333695	0.241078403	0.00071203	0.24179043	0.142172934	0.000729828	0.142902761	1.718388122
579125.014141296.41	579125	4141296	1.090641549	0.005852598	1.096494	0.223180736	0.00075442	0.223935153	0.122635244	0.000773277	0.123408521	1.443837819
579145.014141296.41	579145	4141296	0.899262235	0.006213061	0.905475	0.198523632	0.00080088	0.199324514	0.105123125	0.000820903	0.105944028	1.210743838
579165.014141296.41	579165	4141296	0.75169892	0.006643746	0.758343	0.171827337	0.0008564	0.172683735	0.090335889	0.000877808	0.091213697	1.022240097
579185.014141296.41	579185	4141296	0.633937459	0.007107734	0.641045	0.145217234	0.00091621	0.146133441	0.077559529	0.000939112	0.078498642	0.865677276
579205.014141296.41	579205	4141296	0.541481052	0.007634817	0.549116	0.121258746	0.00098415	0.122242896	0.066860683	0.001008753	0.067869436	0.739228202
579225.014141296.41	579225	4141296	0.468003216	0.008229757	0.476233	0.100751046	0.00106084	0.101811885	0.057906925	0.00108736	0.058994286	0.637039144
579245.014141296.41	579245	4141296	0.408233703	0.008874214	0.417108	0.083529293	0.00114391	0.084673205	0.050315791	0.001172509	0.0514883	0.553269421
579265.014141296.41	579265	4141296	0.360578512	0.00963574	0.370214	0.069841883	0.00124207	0.071083957	0.044092181	0.001273126	0.045365308	0.486663516
579285.014141296.41	579285	4141296	0.321043397	0.010467926	0.331511	0.058703771	0.00134935	0.060053116	0.038819916	0.001383079	0.040202996	0.431767436
578385.014141316.41	578385	4141316	0.031082797	0.000175908	0.031259	0.001020018	2.2675E-05	0.001042693	0.002042308	2.3242E-05	0.00206555	0.034366948
578405.014141316.41	578405	4141316	0.034677873	0.000185129	0.034863	0.0010873	2.3864E-05	0.001111164	0.002256951	2.44603E-05	0.002281411	0.038255578
578425.014141316.41	578425	4141316	0.039928212	0.000218838	0.040147	0.001198845	2.8209E-05	0.001227054	0.002595584	2.89141E-05	0.002624498	0.043998602
578445.014141316.41	578445	4141316	0.045013247	0.000210225	0.045223	0.00128376	2.7099E-05	0.001310859	0.002840065	2.77761E-05	0.002867841	0.049402172
578465.014141316.41	578465	4141316	0.051332333	0.000219716	0.051552	0.001357188	2.8322E-05	0.00138551	0.00319133	2.90301E-05	0.00322036	0.056157919
578485.014141316.41	578485	4141316	0.059899596	0.000235828	0.060135	0.001510312	3.0399E-05	0.001540711	0.003632688	3.11589E-05	0.003663847	0.065339981
578505.014141316.41	578505	4141316	0.071244715	0.000262309	0.071507	0.001655631	3.3812E-05	0.001689444	0.004230441	3.46576E-05	0.004265098	0.077461566
578525.014141316.41	578525	4141316	0.085387083	0.000288857	0.085676	0.001824851	3.7234E-05	0.001862086	0.00488791	3.81654E-05	0.004926075	0.0924641
578545.014141316.41	578545	4141316	0.103757569	0.000307198	0.104065	0.002023105	3.9599E-05	0.002062704	0.005688414	4.05886E-05	0.005729003	0.111856473
578565.014141316.41	578565	4141316	0.128279692	0.000333307	0.128613	0.002262175	4.2964E-05	0.002305139	0.006684442	4.40383E-05	0.00672848	0.137646619
578585.014141316.41	578585	4141316	0.161206225	0.000360463	0.161567	0.00255115	4.6465E-05	0.002597615	0.007922406	4.76264E-05	0.007970033	0.172134336
578605.014141316.41	578605	4141316	0.206352914	0.000394206	0.206747	0.00290865	5.0814E-05	0.002959464	0.009485889	5.20846E-05	0.009537974	0.219244558
578625.014141316.41	578625	4141316	0.26792613	0.000433995	0.26836	0.003347487	5.5943E-05	0.00340343	0.011437536	5.73418E-05	0.011494877	0.283258433
578645.014141316.41	578645	4141316	0.353118995	0.00048189	0.353601	0.003896421	6.2117E-05	0.003958538	0.013896653	6.36699E-05	0.013960323	0.371519746
578665.014141316.41	578665	4141316	0.468516529	0.000533906	0.46905	0.004568286	6.8822E-05	0.004637108	0.016917451	7.05425E-05	0.016987994	0.490675536
578685.014141316.41	578685	4141316	0.627150076	0.000596494	0.627747	0.005411532	7.689E-05	0.005488422	0.020683351	7.8812E-05	0.020762163	0.653997154
578705.014141316.41	578705	4141316	0.847349928	0.000675058	0.848025	0.006495292	8.7017E-05	0.006582309	0.025447184	8.91923E-05	0.025536376	0.880143671
578725.014141316.41	578725	4141316	1.148389049	0.000774631	1.149164	0.007894312	9.9852E-05	0.007994164	0.031477343	0.000102348	0.031579691	1.188737536
579025.014141316.41	579025	4141316	2.891864281	0.004993356	2.896858	0.242151875	0.00064366	0.242795533	0.242546653	0.000659749	0.243206402	3.382859572
579045.014141316.41	579045	4141316	2.449036173	0.005195171	2.454231	0.268987625	0.00066967	0.269657297	0.220911611	0.000686414	0.221598025	2.945486666
579065.014141316.41	579065	4141316	2.019031113	0.005431607	2.024463	0.284093606	0.00070015	0.284793755	0.195847731	0.000717653	0.196565385	2.505821859
579085.014141316.41	579085	4141316	1.640442989	0.005722929	1.646166	0.285084123	0.0007377	0.285821825	0.170466449	0.000756144	0.171222593	2.103210337
579105.014141316.41	579105	4141316	1.326518433	0.006065896	1.332584	0.271542622	0.00078191	0.272324533	0.146498355	0.000801459	0.147299814	1.752208677
579125.014141316.41	579125	4141316	1.07376071	0.006441965	1.080203	0.245972228	0.00083039	0.246802615	0.124657492	0.000851147	0.12550864	1.45251393
579145.014141316.41	579145	4141316	0.877558015	0.006862381	0.88442	0.21374372	0.00088458	0.214628301	0.105689923	0.000906695	0.106596618	1.205645315
579165.014141316.41	579165	4141316	0.729369463	0.007360788	0.73673	0.180640374	0.00094883	0.181589201	0.089949964	0.000972547	0.090922511	1.009241962
579185.014141316.41	579185	4141316	0.614451754	0.007918473	0.62237	0.14960449	0.00102071	0.150625204	0.076752002	0.001046232	0.077798233	0.850793664
579205.014141316.41	579205	4141316	0.524125673	0.008534287	0.53266	0.122463886	0.00110009	0.12356398	0.06570926	0.001127596	0.066836856	0.723060796
579225.014141316.41	579225	4141316	0.453308454	0.009245452	0.462554	0.100202036	0.00119177	0.101393802	0.056642351	0.001221559	0.05786391	0.621811618
579245.014141316.41	579245	4141316	0.397213391	0.010083178	0.407297	0.082529688	0.00129975	0.083829439	0.049225236	0.001332244	0.05055748	0.541683488
579265.014141316.41	579265	4141316	0.351634596	0.011043377	0.362678	0.068496463	0.00142352	0.069919986	0.043065371	0.001459111	0.044524482	0.477122442

578785.014141236.41	578785	4141236	0.065335674	0.002779	0.002823	0.001592	0.011118	0.002685	0.065335674	578785	4141236
578805.014141236.41	578805	4141236	0.079656262	0.00336	0.003411	0.00187	0.013257	0.003202	0.079656262	578805	4141236
578825.014141236.41	578825	4141236	0.095600528	0.003953	0.004013	0.002215	0.015795	0.003816	0.095600528	578825	4141236
578945.014141236.41	578945	4141236	0.174905512	0.005003	0.005132	0.006831	0.036674	0.008862	0.174905512	578945	4141236
578965.014141236.41	578965	4141236	0.178292198	0.004658	0.004797	0.008212	0.039451	0.009533	0.178292198	578965	4141236
578985.014141236.41	578985	4141236	0.178182692	0.004259	0.004407	0.009796	0.041427	0.01001	0.178182692	578985	4141236
579005.014141236.41	579005	4141236	0.172802053	0.003812	0.003968	0.01139	0.042163	0.010187	0.172802053	579005	4141236
579025.014141236.41	579025	4141236	0.16327956	0.003374	0.003537	0.012961	0.04179	0.010094	0.16327956	579025	4141236
579045.014141236.41	579045	4141236	0.150234114	0.002963	0.003133	0.014371	0.040391	0.009753	0.150234114	579045	4141236
579065.014141236.41	579065	4141236	0.134734451	0.002584	0.002763	0.015461	0.038145	0.009207	0.134734451	579065	4141236
579085.014141236.41	579085	4141236	0.118354223	0.002243	0.00243	0.016112	0.035343	0.008525	0.118354223	579085	4141236
579105.014141236.41	579105	4141236	0.101903034	0.001929	0.002126	0.016184	0.032142	0.007747	0.101903034	579105	4141236
579125.014141236.41	579125	4141236	0.086674992	0.001652	0.001858	0.015711	0.028839	0.006943	0.086674992	579125	4141236
579145.014141236.41	579145	4141236	0.073206471	0.001411	0.001628	0.014766	0.025609	0.006157	0.073206471	579145	4141236
579165.014141236.41	579165	4141236	0.061861466	0.001208	0.001437	0.013508	0.022625	0.005431	0.061861466	579165	4141236
579185.014141236.41	579185	4141236	0.052439347	0.001037	0.001281	0.012077	0.019927	0.004773	0.052439347	579185	4141236
579205.014141236.41	579205	4141236	0.044793927	0.000898	0.001156	0.010629	0.017566	0.004197	0.044793927	579205	4141236
579225.014141236.41	579225	4141236	0.038666629	0.000784	0.001059	0.009276	0.015543	0.003702	0.038666629	579225	4141236
579245.014141236.41	579245	4141236	0.033529791	0.000687	0.00098	0.008015	0.013739	0.003261	0.033529791	579245	4141236
578385.014141256.41	578385	4141256	0.001689081	5.18E-05	5.91E-05	0.000365	0.000541	0.000129	0.001689081	578385	4141256
578405.014141256.41	578405	4141256	0.001896538	5.96E-05	6.75E-05	0.000372	0.000601	0.000144	0.001896538	578405	4141256
578425.014141256.41	578425	4141256	0.002133621	6.78E-05	7.62E-05	0.00038	0.000671	0.000161	0.002133621	578425	4141256
578445.014141256.41	578445	4141256	0.002412324	7.75E-05	8.64E-05	0.000389	0.000752	0.00018	0.002412324	578445	4141256
578465.014141256.41	578465	4141256	0.002751928	8.97E-05	9.9E-05	0.000399	0.000847	0.000203	0.002751928	578465	4141256
578485.014141256.41	578485	4141256	0.003175974	0.000105	0.000115	0.000411	0.000963	0.000231	0.003175974	578485	4141256
578505.014141256.41	578505	4141256	0.003776012	0.000125	0.000136	0.00043	0.001106	0.000266	0.003776012	578505	4141256
578525.014141256.41	578525	4141256	0.00445319	0.00015	0.000162	0.000447	0.0013	0.000312	0.00445319	578525	4141256
578545.014141256.41	578545	4141256	0.005283579	0.000181	0.000194	0.000468	0.001502	0.000361	0.005283579	578545	4141256
578565.014141256.41	578565	4141256	0.006355309	0.000223	0.000237	0.000492	0.001751	0.000421	0.006355309	578565	4141256
578585.014141256.41	578585	4141256	0.007731516	0.000277	0.000293	0.000523	0.002055	0.000495	0.007731516	578585	4141256
578605.014141256.41	578605	4141256	0.009464414	0.000347	0.000364	0.000559	0.002419	0.000582	0.009464414	578605	4141256
578625.014141256.41	578625	4141256	0.011621289	0.000437	0.000455	0.000602	0.002846	0.000686	0.011621289	578625	4141256
578645.014141256.41	578645	4141256	0.014396395	0.000554	0.000574	0.000654	0.003365	0.000811	0.014396395	578645	4141256
578665.014141256.41	578665	4141256	0.018050113	0.000711	0.000733	0.000721	0.004008	0.000966	0.018050113	578665	4141256
578685.014141256.41	578685	4141256	0.022711681	0.000917	0.000941	0.000802	0.004777	0.001152	0.022711681	578685	4141256
578705.014141256.41	578705	4141256	0.028760837	0.001188	0.001216	0.000904	0.005716	0.00138	0.028760837	578705	4141256
578725.014141256.41	578725	4141256	0.036345923	0.001534	0.001565	0.001027	0.006833	0.001649	0.036345923	578725	4141256
578745.014141256.41	578745	4141256	0.045907124	0.001972	0.002007	0.00118	0.008182	0.001976	0.045907124	578745	4141256
578765.014141256.41	578765	4141256	0.057876743	0.002516	0.002557	0.001372	0.009832	0.002375	0.057876743	578765	4141256
578785.014141256.41	578785	4141256	0.072547882	0.003164	0.003211	0.001614	0.011858	0.002864	0.072547882	578785	4141256
578805.014141256.41	578805	4141256	0.089813283	0.003882	0.003937	0.001919	0.014323	0.00346	0.089813283	578805	4141256
578965.014141256.41	578965	4141256	0.200378281	0.005072	0.005224	0.009135	0.043984	0.010629	0.200378281	578965	4141256
578985.014141256.41	578985	4141256	0.198720975	0.004563	0.004724	0.01095	0.045916	0.011095	0.198720975	578985	4141256
579005.014141256.41	579005	4141256	0.192175868	0.004054	0.004224	0.012898	0.046589	0.011257	0.192175868	579005	4141256
579025.014141256.41	579025	4141256	0.179437225	0.003545	0.003721	0.014703	0.04574	0.011049	0.179437225	579025	4141256
579045.014141256.41	579045	4141256	0.162893714	0.003085	0.003269	0.016319	0.043765	0.010568	0.162893714	579045	4141256
579065.014141256.41	579065	4141256	0.143768973	0.002667	0.002859	0.017512	0.04087	0.009864	0.143768973	579065	4141256
579085.014141256.41	579085	4141256	0.124137249	0.002292	0.002494	0.018137	0.037428	0.009027	0.124137249	579085	4141256
579105.014141256.41	579105	4141256	0.10483929	0.001947	0.002159	0.018018	0.033588	0.008094	0.10483929	579105	4141256
579125.014141256.41	579125	4141256	0.087708481	0.001649	0.001873	0.017263	0.029779	0.007167	0.087708481	579125	4141256
579145.014141256.41	579145	4141256	0.073190955	0.001398	0.001634	0.015995	0.026196	0.006295	0.073190955	579145	4141256
579165.014141256.41	579165	4141256	0.061300709	0.00119	0.00144	0.014412	0.022962	0.005508	0.061300709	579165	4141256
579185.014141256.41	579185	4141256	0.051722129	0.00102	0.001286	0.012707	0.020117	0.004814	0.051722129	579185	4141256
579205.014141256.41	579205	4141256	0.043986782	0.00088	0.001163	0.011023	0.01763	0.004207	0.043986782	579205	4141256
579225.014141256.41	579225	4141256	0.037785409	0.000765	0.001068	0.009474	0.015492	0.003683	0.037785409	579225	4141256
579245.014141256.41	579245	4141256	0.032773405	0.000671	0.000995	0.008103	0.013653	0.003232	0.032773405	579245	4141256
579265.014141256.41	579265	4141256	0.028671386	0.000592	0.000939	0.006916	0.012064	0.002841	0.028671386	579265	4141256
578385.014141276.41	578385	4141276	0.001730842	5.29E-05	6.09E-05	0.000368	0.000548	0.000131	0.001730842	578385	4141276
578405.014141276.41	578405	4141276	0.001877482	5.89E-05	6.69E-05	0.000372	0.00059	0.000141	0.001877482	578405	4141276
578425.014141276.41	578425	4141276	0.002104982	6.66E-05	7.52E-05	0.000379	0.000658	0.000158	0.002104982	578425	4141276
578445.014141276.41	578445	4141276	0.002405387	7.63E-05	8.54E-05	0.000388	0.00074	0.000177	0.002405387	578445	4141276
578465.014141276.41	578465	4141276	0.002715138	8.8E-05	9.76E-05	0.000398	0.000833	0.0002	0.002715138	578465	4141276
578485.014141276.41	578485	4141276	0.003155132	0.000103	0.000113	0.00041	0.000947	0.000227	0.003155132	578485	4141276
578505.014141276.41	578505	4141276	0.003676156	0.000122	0.000133	0.000424	0.001084	0.00026	0.003676156	578505	4141276
578525.014141276.41	578525	4141276	0.004368377	0.000146	0.000158	0.000445	0.001252	0.000301	0.004368377	578525	4141276
578545.014141276.41	578545	4141276	0.005201297	0.000178	0.000191	0.000465	0.00148	0.000356	0.005201297	578545	4141276
578565.014141276.41	578565	4141276	0.006267013	0.000219	0.000233	0.000488	0.001729	0.000416	0.006267013	578565	4141276
578585.014141276.41	578585	4141276	0.007668164	0.000275	0.00029	0.000518	0.002038	0.000491	0.007668164	578585	4141276
578605.014141276.41	578605	4141276	0.009449505	0.000347	0.000364	0.000553	0.00241	0.00058	0.009449505	578605	4141276
578625.014141276.41	578625	4141276	0.011765006	0.000444	0.000462	0.000596	0.002865	0.00069	0.011765006	578625	4141276
578645.014141276.41	578645	4141276	0.014699577	0.000569	0.00059	0.000647	0.003405	0.000821	0.014699577	578645	4141276
578665.014141276.41	578665	4141276	0.018583043	0.000739	0.000762	0.000712	0.004073	0.000982	0.018583043	578665	4141276
578685.014141276.41	578685	4141276	0.023680306	0.000968	0.000993	0.000793	0.004892	0.00118	0.023680306	578685	4141276
578705.014141276.41	578705	4141276	0.030379091	0.001276	0.001304	0.000895	0.005897	0.001423	0.030379091	578705	4141276
578725.014141276.41	578725	4141276	0.039147168	0.001686	0.001719	0.001023	0.007136	0.001723	0.039147168	578725	4141276
578745.014141276.41	578745	4141276	0.050124246	0.002206	0.002243	0.00118	0.008613	0.00208	0.050124246	578745	4141276
578765.014141276.41	578765	4141276	0.064187406	0.002867	0.002909	0.001382	0.010455	0.002525	0.064187406	578765	4141276
578785.014141276.41	578785	4141276	0.08142644	0.003652	0.003702	0.001636	0.012714	0.003071	0.08142644	578785	4141276
578985.014141276.41	578985	4141276	0.22321616	0.004886	0.005062	0.012352	0.051151	0.012361	0.22321616	578985	4141276
579005.014141276.41	579005	4141276	0.213880419	0.004282	0.004466	0.01463	0.051475	0.012438	0.213880419	579005	4141276
579025.014141276.41	579025	4141276	0.198220751	0.003728	0.00392	0.016848	0.050207	0.012129	0.198220751	579025	4141276
579045.014141276.41	579045	4141276	0.176940435	0.003213	0.003413	0.018687	0.047464	0.011461	0.176940435	579045	4141276
579065.014141276.41	579065	4141276	0.153425205	0.002755	0.002964	0.020002	0.043805	0.010572	0.153425205	579065	4141276
579085.014141276.41	579085	4141276	0.129132701	0.002328	0.002547	0.02047	0.03944	0.009511	0.129132701	579085	4141276
579105.014141276.41	579105	4141276	0.107148243	0.001958	0.002188	0.020128	0.03498	0.008427	0.107148243	579105	4141276
579125.014141276.41	579125	4141276	0.08824198	0.001643	0.001885	0.019009	0.030666	0.007378	0.08824198	579125	4141276
579145.014141276.41	579145	4141276	0.072852622	0.001383	0.001641	0.017341	0.026743	0.006423	0.072852622	579145	4141276
579165.014141276.41	579165	4141276	0.060451354	0.00117	0.001444	0.015348	0.023236	0.005568	0.060451354	579165	4141276
579185.014141276.41	579185	4141276	0.05063933	0.000997	0.00129	0.013287	0.02019	0.004825	0.05063933	579185	4141276
579205.014141276.41	579205	4141276	0.042909173	0.000858	0.001171	0.01134	0.017586	0.004189	0.042909173	579205	4141276
579225.014141276.41	579225	4141276	0.036797868	0.000746	0.001082	0.009608	0.015374	0.003647	0.036797868	579225	4141276
579245.014141276.41	579245	4141276	0.031904563	0.000654	0.001014	0.008115	0.01349	0.003184	0.031904563	579245	4141276
579265.014141276.41	579265	4141276	0.028023769	0.000579	0.000967	0.006883	0.011915	0.002795	0.028023769	579265	4141276
578385.014141296.41	578385	4141296	0.001684059	5.22E-05	6E-05	0.000366	0.000524	0.000125	0.001684059	578385	4141296
578405.014141296.41	578405	4141296	0.001918781	5.9E-05	6.82E-05	0.000375	0.000599	0.000143	0.001918781	578405	4141296
578425.014141296.41	578425	4141296	0.002087371	6.59E-05	7.46E-05	0.00038	0.000647	0.000155	0.002087371	578425	4141296
578445.014141296.41	578445	4141296	0.002352665	7.5E-05	8.43E-05	0.000388	0.000725	0.000174	0.002352665	578445	4141296
578465.014141296.41	578465	4141296	0.002706656	8.66E-05	9.65E-05	0.000398	0.00082	0.000196	0.002706656	578465	4141296
578485.014141296.41	578485	4141296	0.003135468	0.000101	0.000112	0.000413	0.000932	0.000223	0.003135468	578485	4141296
578505.014141296.41	578505	4141296	0.003643384	0.000119	0.000131	0.000427	0.001065	0.000256	0.003643384	578505	4141296
578525.014141296.41	578525	4141296	0.00428965	0.000143	0.000155	0.000443	0.001229	0.000295	0.00428965	578525	4141296
578545.014141296.41	578545	4141296	0.005111853	0.000174	0.000187	0.000462	0.001456	0.00035	0.005111853	578545	4141296
578565.014141296.41	578565	4141296	0.006173599	0.000215	0.000229	0.000485	0.001705	0.00041	0.006173599	578565	4141296
578585.014141296.41	578585	4141296	0.00756142	0.00027	0.000286	0.000513	0.002012	0.000484	0.00756142	578585	4141296
578605.014141296.41	578605	4141296	0.009392401	0.000344	0.000362	0.000547	0.002393	0.000576	0.009392401	578605	4141296
578625.014141296.41	578625	4141296	0.011812959	0.000446	0.000465	0.000589	0.002864	0.00069	0.011812959	578625	4141296
578645.014141296.41	578645	4141296	0.014989031	0.000583	0.000604	0.00064	0.00344	0.000829	0.014989031	578645	4141296
578665.014141296.41	578665	4141296	0.019108321	0.000766	0.00079	0.000703	0.004133	0.000997	0.019108321	578665	4141296
578685.014141296.41	578685	4141296	0.024676938	0.001021	0.001047	0.000783	0.005001	0.001206	0.024676938	578685	4141296
578705.014141296.41	578705	4141296	0.032142402	0.001372	0.001402	0.000884	0.00608	0.001467	0.032142402	578705	4141296
578725.014141296.41	578725	4141296	0.04205237	0.00185	0.001884	0.001013	0.007417	0.001791	0.04205237	578725	4141296
578745.014141296.41	578745	4141296	0.055046934	0.002487	0.002526	0.001178	0.009077	0.002192	0.055046934	578745	4141296
579005.014141296.41	579005	4141296	0.239622853	0.004518	0.004718	0.016751	0.057066	0.01379	0.239622853	579005	4141296
579025.014141296.41	579025	4141296	0.219103998	0.003905	0.004114	0.019396	0.055069	0.013303	0.219103998	579025	4141296
579045.014141296.41	579045	4141296	0.192119658	0.003346	0.003563	0.021557	0.051434	0.01242	0.192119658	579045	4141296
579065.014141296.41	579065	4141296	0.162099671	0.002824	0.003051	0.022881	0.046646	0.011257	0.162099671	579065	4141296
579085.014141296.41	579085	4141296	0.13359015	0.002362	0.0026	0.023248	0.041455	0.009995	0.13359015	579085	4141296
579105.014141296.41	579105	4141296	0.108811447	0.001965	0.002216	0.022582	0.036327	0.008748	0.108811447	579105	4141296
579125.014141296.41	579125	4141296	0.088201133	0.001631	0.001897	0.020971	0.031481	0.00757	0.088201133	579125	4141296
579145.014141296.41	579145	4141296	0.071695962	0.001358	0.001641	0.018718	0.027096	0.006502	0.071695962	579145	4141296
579165.014141296.41	579165	4141296	0.059135085	0.001145	0.001446	0.016258	0.023375	0.005595	0.059135085	579165	4141296
579185.014141296.41	579185	4141296	0.049263537	0.000972	0.001295	0.013794	0.020148	0.004808	0.049263537	579185	4141296
579205.014141296.41	579205	4141296	0.041656464	0.000835	0.001182	0.011568	0.017443	0.004146	0.041656464	579205	4141296
579225.014141296.41	579225	4141296	0.035731161	0.000726	0.0011	0.009658	0.015182	0.003591	0.035731161	579225	4141296
579245.014141296.41	579245	4141296	0.031009823	0.000636	0.001039	0.008053	0.013267	0.003119	0.031009823	579245	4141296
579265.014141296.41	579265	4141296	0.02733939	0.000564	0.001002	0.006777	0.011706	0.002732	0.02733939	579265	4141296
579285.014141296.41	579285	4141296	0.024367514	0.000504	0.00098	0.005738	0.01039	0.002404	0.024367514	579285	4141296
578385.014141316.41	578385	4141316	0.001687485	5.23E-05	6.03E-05	0.000367	0.000517	0.000123	0.001687485	578385	4141316
578405.014141316.41	578405	4141316	0.0018634	5.82E-05	6.66E-05	0.000373	0.000571	0.000136	0.0018634	578405	4141316
578425.014141316.41	578425	4141316	0.002136747	6.63E-05	7.62E-05	0.000384	0.000657	0.000157	0.002136747	578425	4141316
578445.014141316.41	578445	4141316	0.002377559	7.45E-05	8.4E-05	0.000392	0.000714	0.000171	0.002377559	578445	4141316
578465.014141316.41	578465	4141316	0.00266952	8.51E-05	9.51E-05	0.000398	0.000802	0.000192	0.00266952	578465	4141316
578485.014141316.41	578485	4141316	0.003066084	9.9E-05	0.00011	0.000413	0.000912	0.000219	0.003066084	578485	4141316
578505.014141316.41	578505	4141316	0.003590624	0.000117	0.000129	0.000426	0.001067	0.000256	0.003590624	578505	4141316
578525.014141316.41	578525	4141316	0.004222819	0.00014	0.000153	0.000442	0.001231	0.000295	0.004222819	578525	4141316
578545.014141316.41	578545	4141316	0.005025885	0.00017	0.000184	0.00046	0.001431	0.000344	0.005025885	578545	4141316
578565.014141316.41	578565	4141316	0.006077327	0.00021	0.000225	0.000482	0.001679	0.000403	0.006077327	578565	4141316
578585.014141316.41	578585	4141316	0.007460251	0.000265	0.000281	0.000509	0.001986	0.000478	0.007460251	578585	4141316
578605.014141316.41	578605	4141316	0.00931917	0.00034	0.000358	0.000542	0.002372	0.000571	0.00931917	578605	4141316
578625.014141316.41	578625	4141316	0.011804402	0.000445	0.000465	0.000582	0.002853	0.000687	0.011804402	578625	4141316
578645.014141316.41	578645	4141316	0.015176352	0.000592	0.000614	0.000633	0.003455	0.000833	0.015176352	578645	4141316
578665.014141316.41	578665	4141316	0.019657729	0.000794	0.000818	0.000695	0.004192	0.001011	0.019657729	578665	4141316
578685.014141316.41	578685	4141316	0.025714911	0.001076	0.001103	0.000773	0.005107	0.001232	0.025714911	578685	4141316
578705.014141316.41	578705	4141316	0.034018028	0.001477	0.001507	0.000873	0.006257	0.00151	0.034018028	578705	4141316
578725.014141316.41	578725	4141316	0.04532898	0.002039	0.002075	0.001002	0.007707	0.00186	0.04532898	578725	4141316
579025.014141316.41	579025	4141316	0.242495573	0.004084	0.004311	0.022478	0.060358	0.014582	0.242495573	579025	4141316
579045.014141316.41	579045	4141316	0.207518804	0.003474	0.00371	0.024984	0.055516	0.013405	0.207518804	579045	4141316
579065.014141316.41	579065	4141316	0.170785895	0.002904	0.003151	0.026438	0.049624	0.011974	0.170785895	579065	4141316
579085.014141316.41	579085	4141316	0.137415285	0.002397	0.002657	0.026606	0.043481	0.010481	0.137415285	579085	4141316
579105.014141316.41	579105	4141316	0.109536367	0.001965	0.002241	0.025425	0.037569	0.009044	0.109536367	579105	4141316
579125.014141316.41	579125	4141316	0.087199982	0.00161	0.001903	0.023111	0.032114	0.007717	0.087199982	579125	4141316
579145.014141316.41	579145	4141316	0.070080439	0.00133	0.001642	0.020155	0.027338	0.006554	0.070080439	579145	4141316
579165.014141316.41	579165	4141316	0.057386008	0.001115	0.001449	0.017096	0.023358	0.005583	0.057386008	579165	4141316
579185.014141316.41	579185	4141316	0.047739349	0.000946	0.001305	0.014215	0.020013	0.004766	0.047739349	579185	4141316
579205.014141316.41	579205	4141316	0.040320995	0.000811	0.001199	0.011688	0.017214	0.00408	0.040320995	579205	4141316
579225.014141316.41	579225	4141316	0.034644003	0.000705	0.001125	0.009613	0.01492	0.003516	0.034644003	579225	4141316
579245.014141316.41	579245	4141316	0.030265015	0.000621	0.001079	0.007964	0.013053	0.003054	0.030265015	579245	4141316
579265.014141316.41	579265	4141316	0.026805093	0.000552	0.001053	0.006654	0.011513	0.00267	0.026805093	579265	4141316

579285.014141316.41	579285	4141316	0.31355988	0.012095213	0.325655	0.0572043	0.00155911	0.058763408	0.037852423	0.001598085	0.039450509	0.423869009
578385.014141336.41	578385	4141336	0.031217359	0.000179489	0.031397	0.001039418	2.3137E-05	0.001062555	0.002035315	2.3715E-05	0.00205903	0.034518432
578405.014141336.41	578405	4141336	0.034665222	0.000188541	0.034854	0.001105017	2.4303E-05	0.00112932	0.002227685	2.4911E-05	0.002252596	0.038235678
578425.014141336.41	578425	4141336	0.038882333	0.000199045	0.039081	0.001180399	2.5657E-05	0.001206056	0.002486463	2.62989E-05	0.002512762	0.042800197
578445.014141336.41	578445	4141336	0.044707687	0.000223837	0.044932	0.001295352	2.8853E-05	0.001324205	0.002840307	2.95746E-05	0.002869881	0.049125611
578465.014141336.41	578465	4141336	0.051769571	0.00025123	0.052021	0.001407659	3.2384E-05	0.001440044	0.003222189	3.31939E-05	0.003255383	0.056716227
578485.014141336.41	578485	4141336	0.059261422	0.000240928	0.059502	0.001514814	3.1056E-05	0.00154587	0.003561407	3.18327E-05	0.00359324	0.06464146
578505.014141336.41	578505	4141336	0.069704949	0.000256702	0.069962	0.001652685	3.309E-05	0.001685774	0.004073155	3.39168E-05	0.004107071	0.075754497
578525.014141336.41	578525	4141336	0.08353921	0.000294937	0.083834	0.001817886	3.8018E-05	0.001855904	0.004782495	3.89687E-05	0.004821464	0.090511515
578545.014141336.41	578545	4141336	0.101848844	0.000318141	0.102167	0.002013783	4.1009E-05	0.002054793	0.005584117	4.20346E-05	0.005626152	0.10984793
578565.014141336.41	578565	4141336	0.125822851	0.000341312	0.126164	0.002241304	4.3996E-05	0.0022853	0.006558284	4.5096E-05	0.00660338	0.135052843
578585.014141336.41	578585	4141336	0.158679213	0.000369211	0.159048	0.002518434	4.7592E-05	0.002566027	0.00778722	4.87822E-05	0.007836002	0.169450453
578605.014141336.41	578605	4141336	0.204513831	0.000403866	0.204918	0.002861018	5.206E-05	0.002913077	0.009352818	5.3361E-05	0.009406179	0.217236954
578625.014141336.41	578625	4141336	0.268864449	0.000446154	0.269311	0.003286265	5.7511E-05	0.003343775	0.011344755	5.89483E-05	0.011403704	0.284058082
578645.014141336.41	578645	4141336	0.35806901	0.000492091	0.358561	0.00380562	6.3432E-05	0.003869052	0.013830187	6.50177E-05	0.013895204	0.376325357
578665.014141336.41	578665	4141336	0.487212483	0.000552179	0.487765	0.004475614	7.1177E-05	0.004546791	0.017052568	7.29569E-05	0.017125525	0.509436979
578685.014141336.41	578685	4141336	0.665900783	0.000618584	0.666519	0.00529791	7.9737E-05	0.005377647	0.021029404	8.17306E-05	0.021111135	0.693008148
578705.014141336.41	578705	4141336	0.921919295	0.00070316	0.922622	0.006366632	9.0639E-05	0.006457272	0.026143987	9.29053E-05	0.026236892	0.955316619
579025.014141336.41	579025	4141336	3.121583686	0.005450758	3.127034	0.284875222	0.00070262	0.28557784	0.265198645	0.000720184	0.265918829	3.678531113
579045.014141336.41	579045	4141336	2.585227711	0.005674663	2.590902	0.316179707	0.00073148	0.316911187	0.237311196	0.000749767	0.238060963	3.145874523
579065.014141336.41	579065	4141336	2.082304756	0.005957068	2.088262	0.331980172	0.00076788	0.332748055	0.206964488	0.00078708	0.207751568	2.628761448
579085.014141336.41	579085	4141336	1.653412074	0.006299326	1.659711	0.328431811	0.000812	0.329243812	0.177201997	0.000832301	0.178034298	2.166989511
579105.014141336.41	579105	4141336	1.310660033	0.006692958	1.317353	0.306141456	0.00086274	0.307004198	0.149819762	0.00088431	0.150704072	1.775061261
579125.014141336.41	579125	4141336	1.048721568	0.00714124	1.055863	0.270579987	0.00092053	0.271500513	0.125901562	0.000943539	0.126845101	1.454208422
579145.014141336.41	579145	4141336	0.853192403	0.007658359	0.860851	0.229375931	0.00098718	0.230363115	0.105829208	0.001011864	0.106841072	1.19805495
579165.014141336.41	579165	4141336	0.705206849	0.008232223	0.713439	0.188463229	0.00106116	0.189524386	0.089085473	0.001087686	0.090173159	0.993136617
579185.014141336.41	579185	4141336	0.59381615	0.008902181	0.602718	0.152547699	0.00114752	0.153695215	0.075503549	0.001176204	0.076679754	0.8330933
579205.014141336.41	579205	4141336	0.506646046	0.009636517	0.516283	0.122362425	0.00124217	0.123604599	0.064248779	0.001273229	0.065522008	0.70540917
579225.014141336.41	579225	4141336	0.440490554	0.01057314	0.451064	0.09927764	0.00136291	0.100640548	0.055404017	0.001396981	0.056800998	0.60850524
579245.014141336.41	579245	4141336	0.386685563	0.011622139	0.398308	0.080914751	0.00149813	0.082412878	0.048022535	0.00153558	0.049558115	0.530278695
579265.014141336.41	579265	4141336	0.342751201	0.012828671	0.35558	0.066599434	0.00165365	0.068253086	0.041920204	0.001694994	0.043615198	0.467448156
579285.014141336.41	579285	4141336	0.30633969	0.014215637	0.320555	0.055423293	0.00183244	0.057255729	0.036850885	0.001878247	0.038729132	0.416540189
578385.014141356.41	578385	4141356	0.031678792	0.000185163	0.031864	0.001064836	2.3868E-05	0.001088704	0.002028345	2.44647E-05	0.00205281	0.035005469
578405.014141356.41	578405	4141356	0.035120278	0.000195364	0.035316	0.001131781	2.5183E-05	0.001156964	0.002230382	2.58125E-05	0.002256195	0.0387288
578425.014141356.41	578425	4141356	0.039453743	0.000206915	0.039661	0.00122268	2.6672E-05	0.001249352	0.002470821	2.73388E-05	0.002498159	0.043408169
578445.014141356.41	578445	4141356	0.044468928	0.000218332	0.044687	0.001310014	2.8144E-05	0.001338158	0.002750228	2.88472E-05	0.002779075	0.048804492
578465.014141356.41	578465	4141356	0.050749136	0.000231808	0.050981	0.001411171	2.9881E-05	0.001441052	0.003089321	3.06278E-05	0.003119949	0.055541946
578485.014141356.41	578485	4141356	0.059364004	0.000271766	0.059636	0.001539322	3.5031E-05	0.001574353	0.003587415	3.59072E-05	0.003623322	0.064833446
578505.014141356.41	578505	4141356	0.069376156	0.000287776	0.069664	0.001672459	3.7095E-05	0.001709555	0.004087318	3.80226E-05	0.004125341	0.075498827
578525.014141356.41	578525	4141356	0.081855909	0.000301253	0.082157	0.001820745	3.8832E-05	0.001859578	0.004678552	3.98032E-05	0.004718355	0.088735095
578545.014141356.41	578545	4141356	0.09952983	0.000325167	0.099855	0.002009869	4.1915E-05	0.002051784	0.005458993	4.29628E-05	0.005501956	0.107408736
578565.014141356.41	578565	4141356	0.123548184	0.000352425	0.123901	0.002236084	4.5429E-05	0.002281513	0.006438893	4.65642E-05	0.006485457	0.132667578
578585.014141356.41	578585	4141356	0.155834888	0.000380223	0.156215	0.002499687	4.9012E-05	0.002548699	0.007644609	5.02371E-05	0.007694846	0.166458655
578605.014141356.41	578605	4141356	0.201958329	0.000415924	0.202374	0.002828364	5.3614E-05	0.002881978	0.009204326	5.49542E-05	0.00925928	0.214515512
578625.014141356.41	578625	4141356	0.267535085	0.000456997	0.267992	0.003231584	5.8908E-05	0.003290492	0.011191832	6.03809E-05	0.011252213	0.282534787
578645.014141356.41	578645	4141356	0.362015146	0.000505804	0.362521	0.003732573	6.52E-05	0.003797773	0.013736009	6.68295E-05	0.013802839	0.380121562
578665.014141356.41	578665	4141356	0.501413223	0.000567311	0.501981	0.004372611	7.3128E-05	0.004445739	0.017044384	7.49562E-05	0.01711934	0.523545613
578685.014141356.41	578685	4141356	0.706484346	0.000641248	0.707126	0.00518885	8.2659E-05	0.005271509	0.021310197	8.47251E-05	0.021394922	0.733792025
579025.014141356.41	579025	4141356	3.394164595	0.005983988	3.400149	0.340161712	0.00077135	0.340933065	0.290121819	0.000790637	0.290912456	4.031994104
579045.014141356.41	579045	4141356	2.73069411	0.006240994	2.736935	0.37677716	0.00080448	0.377581642	0.254495772	0.000824594	0.255320366	3.369837111
579065.014141356.41	579065	4141356	2.129631063	0.006567647	2.136199	0.391446364	0.00084659	0.392292952	0.217480123	0.000867753	0.218347876	2.746839538
579085.014141356.41	579085	4141356	1.645121638	0.006966953	1.652089	0.38005752	0.00089806	0.38095558	0.182690075	0.000920512	0.183610587	2.216654758
579105.014141356.41	579105	4141356	1.280040901	0.007432901	1.287474	0.345264865	0.00095812	0.346222987	0.151952874	0.000982075	0.152934949	1.786631737
579125.014141356.41	579125	4141356	1.014650073	0.007974373	1.022624	0.296247428	0.00102792	0.297275347	0.126095646	0.001053617	0.127149263	1.447049056
579145.014141356.41	579145	4141356	0.82151161	0.008591842	0.830103	0.243306777	0.00110751	0.24441429	0.104838228	0.001135201	0.105973429	1.180491171
579165.014141356.41	579165	4141356	0.678495437	0.009284599	0.68778	0.194124032	0.00119681	0.195320844	0.087524742	0.001226732	0.088751473	0.971852353
579185.014141356.41	579185	4141356	0.572290662	0.010108476	0.582399	0.153447688	0.00130301	0.154750699	0.073771454	0.001335587	0.075107041	0.812256878
579205.014141356.41	579205	4141356	0.490804382	0.011074857	0.501879	0.121409783	0.00142758	0.122837364	0.062727318	0.00146327	0.064190588	0.68890719
579225.014141356.41	579225	4141356	0.427089364	0.012228191	0.439318	0.096996737	0.00157625	0.098572986	0.053856762	0.001615655	0.055472417	0.593362958
579245.014141356.41	579245	4141356	0.375791497	0.013576112	0.389368	0.078385669	0.00175	0.080135669	0.046619874	0.00179375	0.048413624	0.517916902
579265.014141356.41	579265	4141356	0.333886112	0.015177255	0.349063	0.064273339	0.00195639	0.06622973	0.04071557	0.002005301	0.042720871	0.458013969
579285.014141356.41	579285	4141356	0.298801494	0.017007573	0.315809	0.053296543	0.00219232	0.055488868	0.035784224	0.002247133	0.038031357	0.409329291
579305.014141356.41	579305	4141356	0.269186075	0.01917981	0.288366	0.044816015	0.00247233	0.047288348	0.031695126	0.002534141	0.034229266	0.369883499
578385.014141376.41	578385	4141376	0.032280116	0.000189486	0.03247	0.001098042	2.4425E-05	0.001122467	0.00203016	2.5036E-05	0.002055196	0.035647265
578405.014141376.41	578405	4141376	0.035749054	0.000215629	0.035965	0.001168902	2.7795E-05	0.001196697	0.002266116	2.84901E-05	0.002294606	0.039455986
578425.014141376.41	578425	4141376	0.039837437	0.00022762	0.040065	0.001247463	2.9341E-05	0.001276803	0.002499117	3.00744E-05	0.002529192	0.043871052
578445.014141376.41	578445	4141376	0.044843491	0.000242043	0.045086	0.001336858	3.12E-05	0.001368058	0.002778291	3.198E-05	0.002810271	0.049263863
578465.014141376.41	578465	4141376	0.050863494	0.000255688	0.051119	0.001435996	3.2959E-05	0.001468955	0.00310555	3.37829E-05	0.003139332	0.055727469
578485.014141376.41	578485	4141376	0.058268287	0.000264741	0.058533	0.001547588	3.4126E-05	0.001581714	0.00349531	3.4979E-05	0.003530289	0.063645031
578505.014141376.41	578505	4141376	0.06819563	0.00028987	0.068486	0.001683818	3.7365E-05	0.001721183	0.003993184	3.82992E-05	0.004031484	0.074238167
578525.014141376.41	578525	4141376	0.081653815	0.000317162	0.081971	0.001849398	4.0883E-05	0.001890281	0.004630707	4.19051E-05	0.004672613	0.08853387
578545.014141376.41	578545	4141376	0.09739276	0.000332395	0.097725	0.002016872	4.2847E-05	0.002059719	0.005333993	4.39178E-05	0.00537791	0.105162784
578565.014141376.41	578565	4141376	0.120732739	0.000361544	0.121094	0.00223768	4.6604E-05	0.002284284	0.006294623	4.77692E-05	0.006342392	0.129720959
578585.014141376.41	578585	4141376	0.153051361	0.000393666	0.153445	0.0024996	5.0745E-05	0.002550345	0.007505391	5.20132E-05	0.007557404	0.163552775
578605.014141376.41	578605	4141376	0.198846537	0.000429807	0.199276	0.00281475	5.5403E-05	0.002870153	0.009045596	5.67884E-05	0.009102384	0.21124888
578625.014141376.41	578625	4141376	0.265357761	0.000471554	0.265829	0.003199687	6.0785E-05	0.003260471	0.01102608	6.23043E-05	0.011088384	0.280178171
578645.014141376.41	578645	4141376	0.36419344	0.000522287	0.364716	0.003679659	6.7324E-05	0.003746984	0.013600611	6.90074E-05	0.013669619	0.382132329
578665.014141376.41	578665	4141376	0.51489243	0.000585145	0.515478	0.004293168	7.5427E-05	0.004368595	0.016996428	7.73125E-05	0.01707374	0.536919911
578685.014141376.41	578685	4141376	0.746202717	0.000666479	0.746869	0.005082418	8.5911E-05	0.005168329	0.021464338	8.80588E-05	0.021552397	0.773589922
579005.014141376.41	579005	4141376	4.534761897	0.006380897	4.541143	0.34970095	0.00082252	0.350523466	0.356469351	0.000843079	0.35731243	5.24897869
579025.014141376.41	579025	4141376	3.700076631	0.006583792	3.70666	0.410919446	0.00084867	0.411768115	0.316193862	0.000869886	0.317063748	4.435492286
579045.014141376.41	579045	4141376	2.856988386	0.006878256	2.863867	0.45338087	0.00088663	0.454267497	0.27081016	0.000908793	0.271718953	3.589853092
579065.014141376.41	579065	4141376	2.145431096	0.007273915	2.152705	0.465562773	0.00093763	0.466500402	0.226493548	0.000961069	0.227454617	2.846660029
579085.014141376.41	579085	4141376	1.61269789	0.007758946	1.620457	0.441988199	0.00100015	0.442988349	0.186642889	0.001025154	0.187668043	2.251113227
579105.014141376.41	579105	4141376	1.232740392	0.00830947	1.24105	0.388433084	0.00107111	0.389504198	0.152454261	0.001097892	0.153552153	1.784106213
579125.014141376.41	579125	4141376	0.969797972	0.008954906	0.978753	0.320865651	0.00115431	0.322019964	0.12473537	0.001183171	0.125918541	1.426691383
579145.014141376.41	579145	4141376	0.785012163	0.009711298	0.794723	0.254157359	0.00125181	0.255409173	0.102750703	0.001283109	0.104033813	1.154166447
579165.014141376.41	579165	4141376	0.651390084	0.010603066	0.661993	0.197186611	0.00136677	0.198553376	0.085441714	0.001400935	0.086842649	0.947389176
579185.014141376.41	579185	4141376	0.551382272	0.011652774	0.563035	0.152337511	0.00150208	0.153839587	0.071745158	0.001539628	0.073284785	0.790159418
579205.014141376.41	579205	4141376	0.474374831	0.012896764	0.487272	0.118564548	0.00166243	0.120226977	0.060852513	0.00170399	0.062556503	0.670055076
579225.014141376.41	579225	4141376	0.413845528	0.014399989	0.428246	0.093700939	0.0018562	0.095557139	0.052173425	0.001902605	0.05407603	0.577878686
579245.014141376.41	579245	4141376	0.365041498	0.016206494	0.381248	0.075323809	0.00208906	0.077412873	0.045177472	0.00214129	0.047318762	0.505979627
579265.014141376.41	579265	4141376	0.324559162	0.018303072	0.342862	0.061443918	0.00235932	0.063803236	0.039420827	0.002418301	0.041839128	0.448504598
579285.014141376.41	579285	4141376	0.291008974	0.020885762	0.311895	0.051055419	0.00269223	0.053747653	0.034738442	0.00275954	0.037497983	0.403140371
579305.014141376.41	579305	4141376	0.262648272	0.024116421	0.286765	0.043092096	0.00310868	0.046200771	0.03086597	0.003186392	0.034052363	0.367017828
578385.014141396.41	578385	4141396	0.032949329	0.000208368	0.033158	0.001125139	2.6859E-05	0.001151998	0.002076941	2.75306E-05	0.002104472	0.036414166
578405.014141396.41	578405	4141396	0.036309033	0.000219311	0.036528	0.001195326	2.827E-05	0.001223595	0.002266476	2.89766E-05	0.002295452	0.040047392
578425.014141396.41	578425	4141396	0.040254751	0.000223601	0.040478	0.001272582	2.8823E-05	0.001301404	0.002486865	2.95433E-05	0.002516408	0.044296164
578445.014141396.41	578445	4141396	0.045124992	0.000244745	0.04537	0.001361977	3.1548E-05	0.001393526	0.00275399	3.2337E-05	0.002786327	0.04954959
578465.014141396.41	578465	4141396	0.051270623	0.000262342	0.051533	0.001466227	3.3817E-05	0.001500043	0.003082603	3.46621E-05	0.003117265	0.056150274
578485.014141396.41	578485	4141396	0.058688891	0.00027967	0.058969	0.001581248	3.605E-05	0.001617299	0.003468536	3.69515E-05	0.003505488	0.064091347
578505.014141396.41	578505	4141396	0.067773842	0.000295747	0.06807	0.001708726	3.8123E-05	0.001746848	0.003925527	3.90758E-05	0.003964602	0.07378104
578525.014141396.41	578525	4141396	0.080581488	0.00032314	0.080905	0.001870939	4.1654E-05	0.001912592	0.004535569	4.2695E-05	0.004578264	0.087395485
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578585.014141396.41	578585	4141396	0.148785443	0.000401569	0.149187	0.002501658	5.1763E-05	0.002553421	0.00730965	5.30575E-05	0.007362708	0.159103141
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579185.014141396.41	579185	4141396	0.530304401	0.013649238	0.543954	0.148578698	0.00175943	0.150338124	0.069369644	0.001803411	0.071173055	0.765464818
579205.014141396.41	579205	4141396	0.45800612	0.015323406	0.47333	0.114213214	0.00197523	0.116188445	0.05882287	0.002024612	0.060847481	0.650365453
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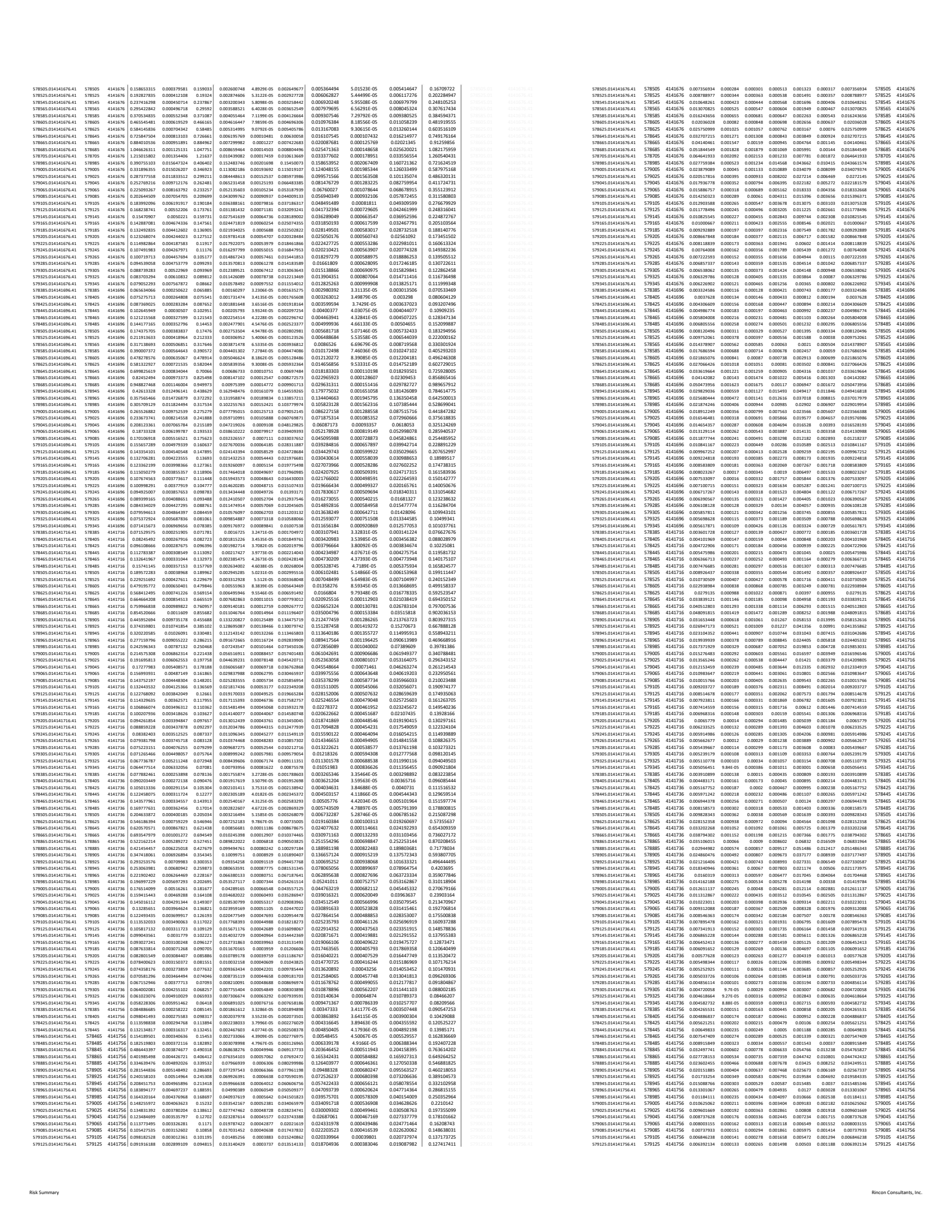
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579105.014141336.41	579105	4141336	0.108765548	0.001951	0.002255	0.028665	0.038574	0.009281	0.108765548	579105	4141336
579125.014141336.41	579125	4141336	0.08530891	0.001581	0.001906	0.02543	0.032558	0.007817	0.08530891	579125	4141336
579145.014141336.41	579145	4141336	0.068134766	0.0013	0.001648	0.021637	0.027476	0.006579	0.068134766	579145	4141336
579165.014141336.41	579165	4141336	0.055427605	0.001083	0.001457	0.017845	0.023222	0.005541	0.055427605	579165	4141336
579185.014141336.41	579185	4141336	0.046104042	0.000918	0.001323	0.014503	0.01977	0.004696	0.046104042	579185	4141336
579205.014141336.41	579205	4141336	0.038990081	0.000787	0.001225	0.011687	0.01691	0.003995	0.038990081	579205	4141336
579225.014141336.41	579225	4141336	0.033754793	0.000688	0.001168	0.009531	0.014676	0.003442	0.033754793	579225	4141336
579245.014141336.41	579245	4141336	0.029614374	0.000606	0.001134	0.007816	0.012822	0.002981	0.029614374	579245	4141336
579265.014141336.41	579265	4141336	0.026341051	0.000539	0.001122	0.006478	0.011303	0.0026	0.026341051	579265	4141336
579285.014141336.41	579285	4141336	0.023725327	0.000483	0.001129	0.005435	0.010059	0.002283	0.023725327	579285	4141336
578385.014141356.41	578385	4141356	0.001738391	5.35E-05	6.19E-05	0.000371	0.00051	0.000122	0.001738391	578385	4141356
578405.014141356.41	578405	4141356	0.001909662	5.91E-05	6.8E-05	0.000377	0.000561	0.000134	0.001909662	578405	4141356
578425.014141356.41	578425	4141356	0.00212535	6.6E-05	7.54E-05	0.000386	0.000621	0.000148	0.00212535	578425	4141356
578445.014141356.41	578445	4141356	0.00236808	7.41E-05	8.4E-05	0.000394	0.000691	0.000165	0.00236808	578445	4141356
578465.014141356.41	578465	4141356	0.00266713	8.42E-05	9.48E-05	0.000403	0.000776	0.000186	0.00266713	578465	4141356
578485.014141356.41	578485	4141356	0.003072849	9.81E-05	0.00011	0.000415	0.000906	0.000217	0.003072849	578485	4141356
578505.014141356.41	578505	4141356	0.003530589	0.000114	0.000127	0.000427	0.001032	0.000247	0.003530589	578505	4141356
578525.014141356.41	578525	4141356	0.004087877	0.000134	0.000148	0.000441	0.00118	0.000283	0.004087877	578525	4141356
578545.014141356.41	578545	4141356	0.00486023	0.000162	0.000177	0.000459	0.001375	0.00033	0.00486023	578545	4141356
578565.014141356.41	578565	4141356	0.005882272	0.0002	0.000216	0.00048	0.00162	0.000389	0.005882272	578565	4141356
578585.014141356.41	578585	4141356	0.007217679	0.000252	0.000269	0.000504	0.00192	0.000461	0.007217679	578585	4141356
578605.014141356.41	578605	4141356	0.009073023	0.000326	0.000345	0.000534	0.002308	0.000555	0.009073023	578605	4141356
578625.014141356.41	578625	4141356	0.011635947	0.000433	0.000454	0.000572	0.002799	0.000674	0.011635947	578625	4141356
578645.014141356.41	578645	4141356	0.015224796	0.00059	0.000613	0.000618	0.003426	0.000825	0.015224796	578645	4141356
578665.014141356.41	578665	4141356	0.020375533	0.000826	0.000852	0.000677	0.004237	0.001021	0.020375533	578665	4141356
578685.014141356.41	578685	4141356	0.027756836	0.001181	0.001211	0.000752	0.005276	0.001272	0.027756836	578685	4141356
579025.014141356.41	579025	4141356	0.302007076	0.00461	0.004881	0.031424	0.072818	0.017592	0.302007076	579025	4141356
579045.014141356.41	579045	4141356	0.241358736	0.003847	0.004131	0.034877	0.064552	0.015585	0.241358736	579045	4141356
579065.014141356.41	579065	4141356	0.185193915	0.003085	0.003384	0.036362	0.055614	0.013414	0.185193915	579065	4141356
579085.014141356.41	579085	4141356	0.140012397	0.00243	0.002747	0.035452	0.047009	0.011323	0.140012397	579085	4141356
579105.014141356.41	579105	4141356	0.10639485	0.001921	0.002258	0.032343	0.039291	0.009446	0.10639485	579105	4141356
579125.014141356.41	579125	4141356	0.082450015	0.001541	0.001904	0.027861	0.03274	0.007852	0.082450015	579125	4141356
579145.014141356.41	579145	4141356	0.065461973	0.00126	0.001651	0.022968	0.027329	0.006532	0.065461973	579145	4141356
579165.014141356.41	579165	4141356	0.053228865	0.001048	0.00147	0.018395	0.022912	0.005454	0.053228865	579165	4141356
579185.014141356.41	579185	4141356	0.044412956	0.000889	0.001348	0.0146	0.019406	0.004595	0.044412956	579185	4141356
579205.014141356.41	579205	4141356	0.037849313	0.000765	0.001269	0.011606	0.016601	0.003904	0.037849313	579205	4141356
579225.014141356.41	579225	4141356	0.032879777	0.000668	0.001224	0.009323	0.014362	0.003348	0.032879777	579225	4141356
579245.014141356.41	579245	4141356	0.029012403	0.00059	0.001207	0.007582	0.012554	0.002895	0.029012403	579245	4141356
579265.014141356.41	579265	4141356	0.025978479	0.000525	0.001215	0.006263	0.011101	0.002525	0.025978479	579265	4141356
579285.014141356.41	579285	4141356	0.023542693	0.000471	0.001244	0.005237	0.009911	0.002216	0.023542693	579285	4141356
579305.014141356.41	579305	4141356	0.021604543	0.000425	0.001296	0.004445	0.008954	0.00196	0.021604543	579305	4141356
578385.014141376.41	578385	4141376	0.00177491	5.45E-05	6.32E-05	0.000374	0.00051	0.000122	0.00177491	578385	4141376
578405.014141376.41	578405	4141376	0.001950704	6.03E-05	7.01E-05	0.000381	0.000573	0.000137	0.001950704	578405	4141376
578425.014141376.41	578425	4141376	0.002152782	6.7E-05	7.73E-05	0.000388	0.000632	0.000151	0.002152782	578425	4141376
578445.014141376.41	578445	4141376	0.002396605	7.51E-05	8.61E-05	0.000396	0.000702	0.000168	0.002396605	578445	4141376
578465.014141376.41	578465	4141376	0.002684869	8.48E-05	9.65E-05	0.000406	0.000785	0.000187	0.002684869	578465	4141376
578485.014141376.41	578485	4141376	0.003032049	9.67E-05	0.000109	0.000416	0.000882	0.000211	0.003032049	578485	4141376
578505.014141376.41	578505	4141376	0.003490321	0.000113	0.000126	0.000428	0.001008	0.000241	0.003490321	578505	4141376
578525.014141376.41	578525	4141376	0.004096407	0.000134	0.000148	0.000444	0.001168	0.00028	0.004096407	578525	4141376
578545.014141376.41	578545	4141376	0.004784348	0.000159	0.000174	0.000459	0.001344	0.000322	0.004784348	578545	4141376
578565.014141376.41	578565	4141376	0.005778568	0.000195	0.000212	0.00048	0.001585	0.00038	0.005778568	578565	4141376
578585.014141376.41	578585	4141376	0.007111797	0.000246	0.000264	0.000504	0.001887	0.000453	0.007111797	578585	4141376
578605.014141376.41	578605	4141376	0.008938366	0.000318	0.000337	0.000533	0.002271	0.000546	0.008938366	578605	4141376
578625.014141376.41	578625	4141376	0.011501138	0.000424	0.000445	0.000569	0.002762	0.000665	0.011501138	578625	4141376
578645.014141376.41	578645	4141376	0.015180027	0.000583	0.000607	0.000613	0.003398	0.000818	0.015180027	578645	4141376
578665.014141376.41	578665	4141376	0.02060144	0.000832	0.000859	0.00067	0.004233	0.00102	0.02060144	578665	4141376
578685.014141376.41	578685	4141376	0.028656887	0.001224	0.001254	0.000743	0.005324	0.001284	0.028656887	578685	4141376
579005.014141376.41	579005	4141376	0.414889998	0.005799	0.006089	0.032211	0.088753	0.021452	0.414889998	579005	4141376
579025.014141376.41	579025	4141376	0.337735438	0.005035	0.005334	0.037874	0.079817	0.019283	0.337735438	579025	4141376
579045.014141376.41	579045	4141376	0.256334314	0.004091	0.004403	0.041913	0.069089	0.016678	0.256334314	579045	4141376
579065.014141376.41	579065	4141376	0.188000123	0.003154	0.003485	0.043235	0.058233	0.014041	0.188000123	579065	4141376
579085.014141376.41	579085	4141376	0.137522924	0.002412	0.002764	0.041251	0.048262	0.011618	0.137522924	579085	4141376
579105.014141376.41	579105	4141376	0.102238327	0.001871	0.002248	0.036423	0.039601	0.009512	0.102238327	579105	4141376
579125.014141376.41	579125	4141376	0.078494465	0.001488	0.001895	0.030212	0.032528	0.007789	0.078494465	579125	4141376
579145.014141376.41	579145	4141376	0.062335262	0.001214	0.001655	0.02402	0.0269	0.006416	0.062335262	579145	4141376
579165.014141376.41	579165	4141376	0.051029592	0.001012	0.001494	0.018704	0.02247	0.005332	0.051029592	579165	4141376
579185.014141376.41	579185	4141376	0.042840448	0.00086	0.001389	0.014509	0.018975	0.004473	0.042840448	579185	4141376
579205.014141376.41	579205	4141376	0.036741514	0.000742	0.001328	0.011346	0.016211	0.003789	0.036741514	579205	4141376
579225.014141376.41	579225	4141376	0.0321194	0.000649	0.001303	0.009018	0.014031	0.003244	0.0321194	579225	4141376
579245.014141376.41	579245	4141376	0.028544172	0.000573	0.001309	0.007298	0.012302	0.002805	0.028544172	579245	4141376
579265.014141376.41	579265	4141376	0.02570782	0.00051	0.001342	0.005999	0.010908	0.002444	0.02570782	579265	4141376
579285.014141376.41	579285	4141376	0.023509702	0.000458	0.001407	0.005028	0.009815	0.00215	0.023509702	579285	4141376
579305.014141376.41	579305	4141376	0.021821592	0.000414	0.00151	0.004284	0.008963	0.001908	0.021821592	579305	4141376
578385.014141396.41	578385	4141396	0.001814064	5.59E-05	6.54E-05	0.000377	0.000525	0.000125	0.001814064	578385	4141396
578405.014141396.41	578405	4141396	0.001982818	6.15E-05	7.15E-05	0.000383	0.000573	0.000136	0.001982818	578405	4141396
578425.014141396.41	578425	4141396	0.002177632	6.8E-05	7.82E-05	0.00039	0.000628	0.00015	0.002177632	578425	4141396
578445.014141396.41	578445	4141396	0.002417075	7.6E-05	8.72E-05	0.000399	0.000695	0.000166	0.002417075	578445	4141396
578465.014141396.41	578465	4141396	0.002713288	8.61E-05	9.8E-05	0.000408	0.000778	0.000186	0.002713288	578465	4141396
578485.014141396.41	578485	4141396	0.003064354	9.8E-05	0.000111	0.000419	0.000875	0.000209	0.003064354	578485	4141396
578505.014141396.41	578505	4141396	0.003485206	0.000113	0.000126	0.000431	0.00099	0.000237	0.003485206	578505	4141396
578525.014141396.41	578525	4141396	0.004065944	0.000133	0.000148	0.000446	0.001144	0.000274	0.004065944	578525	4141396
578545.014141396.41	578545	4141396	0.004743808	0.000157	0.000172	0.000461	0.001318	0.000316	0.004743808	578545	4141396
578565.014141396.41	578565	4141396	0.005676779	0.000191	0.000207	0.000481	0.001546	0.000371	0.005676779	578565	4141396
578585.014141396.41	578585	4141396	0.006955786	0.000238	0.000257	0.000504	0.001839	0.000442	0.006955786	578585	4141396
578605.014141396.41	578605	4141396	0.008746602	0.000307	0.000328	0.000532	0.002219	0.000533	0.008746602	578605	4141396
578625.014141396.41	578625	4141396	0.011316162	0.000411	0.000433	0.000567	0.002713	0.000653	0.011316162	578625	4141396
578645.014141396.41	578645	4141396	0.015080766	0.000572	0.000597	0.00061	0.00336	0.000809	0.015080766	578645	4141396
578665.014141396.41	578665	4141396	0.02071684	0.000828	0.000856	0.000664	0.004208	0.001014	0.02071684	578665	4141396
579005.014141396.41	579005	4141396	0.489558746	0.006451	0.006771	0.039188	0.099462	0.024042	0.489558746	579005	4141396
579025.014141396.41	579025	4141396	0.375416002	0.005649	0.005979	0.04631	0.08713	0.021049	0.375416002	579025	4141396
579045.014141396.41	579045	4141396	0.266679059	0.004337	0.004683	0.051072	0.073368	0.017708	0.266679059	579045	4141396
579065.014141396.41	579065	4141396	0.185366357	0.003164	0.003531	0.051873	0.060232	0.014517	0.185366357	579065	4141396
579085.014141396.41	579085	4141396	0.131322723	0.002349	0.002743	0.048074	0.048823	0.011744	0.131322723	579085	4141396
579105.014141396.41	579105	4141396	0.096623199	0.001803	0.002229	0.040817	0.039447	0.009463	0.096623199	579105	4141396
579125.014141396.41	579125	4141396	0.07437438	0.001432	0.001896	0.032474	0.032104	0.007673	0.07437438	579125	4141396
579145.014141396.41	579145	4141396	0.059408337	0.001168	0.001676	0.02482	0.02637	0.006272	0.059408337	579145	4141396
579165.014141396.41	579165	4141396	0.048923786	0.000974	0.001533	0.01869	0.02191	0.005178	0.048923786	579165	4141396
579185.014141396.41	579185	4141396	0.041363583	0.000829	0.001449	0.014168	0.018465	0.004327	0.041363583	579185	4141396
579205.014141396.41	579205	4141396	0.035765494	0.000717	0.001413	0.010944	0.015802	0.003663	0.035765494	579205	4141396
579225.014141396.41	579225	4141396	0.031485859	0.000627	0.001416	0.008631	0.013712	0.003134	0.031485859	579225	4141396
579245.014141396.41	579245	4141396	0.028185394	0.000555	0.001455	0.00696	0.012076	0.00271	0.028185394	579245	4141396
579265.014141396.41	579265	4141396	0.025631508	0.000495	0.001531	0.005734	0.010798	0.002367	0.025631508	579265	4141396
579285.014141396.41	579285	4141396	0.023712778	0.000445	0.001654	0.004824	0.009822	0.002089	0.023712778	579285	4141396
579305.014141396.41	579305	4141396	0.022338847	0.000402	0.001835	0.004127	0.009096	0.001858	0.022338847	579305	4141396
578385.014141416.41	578385	4141416	0.001851067	5.73E-05	6.69E-05	0.000379	0.000528	0.000126	0.001851067	578385	4141416
578405.014141416.41	578405	4141416	0.002019973	6.3E-05	7.3E-05	0.000386	0.000574	0.000137	0.002019973	578405	4141416
578425.014141416.41	578425	4141416	0.002220785	6.97E-05	8.04E-05	0.000393	0.000629	0.00015	0.002220785	578425	4141416
578445.014141416.41	578445	4141416	0.002460211	7.78E-05	8.92E-05	0.000402	0.000695	0.000166	0.002460211	578445	4141416
578465.014141416.41	578465	4141416	0.002746523	8.75E-05	9.96E-05	0.000411	0.000773	0.000184	0.002746523	578465	4141416
578485.014141416.41	578485	4141416	0.003097573	9.96E-05	0.000113	0.000422	0.000868	0.000207	0.003097573	578485	4141416
578505.014141416.41	578505	4141416	0.003514206	0.000114	0.000128	0.000434	0.000979	0.000234	0.003514206	578505	4141416
578525.014141416.41	578525	4141416	0.004047863	0.000133	0.000147	0.000448	0.00112	0.000268	0.004047863	578525	4141416
578545.014141416.41	578545	4141416	0.004733807	0.000157	0.000173	0.000465	0.001295	0.00031	0.004733807	578545	4141416
578565.014141416.41	578565	4141416	0.005610939	0.000188	0.000205	0.000483	0.00151	0.000362	0.005610939	578565	4141416
578585.014141416.41	578585	4141416	0.0068306	0.000233	0.000251	0.000506	0.001792	0.00043	0.0068306	578585	4141416
578605.014141416.41	578605	4141416	0.008546077	0.000297	0.000318	0.000533	0.00216	0.000519	0.008546077	578605	4141416
578625.014141416.41	578625	4141416	0.011050838	0.000396	0.000418	0.000567	0.002646	0.000636	0.011050838	578625	4141416
578645.014141416.41	578645	4141416	0.014806501	0.000552	0.000577	0.000608	0.00329	0.000792	0.014806501	578645	4141416
578665.014141416.41	578665	4141416	0.020676941	0.000813	0.000841	0.000661	0.004157	0.001001	0.020676941	578665	4141416
579025.014141416.41	579025	4141416	0.410533657	0.00633	0.006697	0.057689	0.09459	0.022849	0.410533657	579025	4141416
579045.014141416.41	579045	4141416	0.269369367	0.004494	0.004881	0.063402	0.077214	0.018631	0.269369367	579045	4141416
579065.014141416.41	579065	4141416	0.177592698	0.003104	0.003518	0.063132	0.061633	0.014846	0.177592698	579065	4141416
579085.014141416.41	579085	4141416	0.123402242	0.002266	0.002714	0.056411	0.048974	0.011768	0.123402242	579085	4141416
579105.014141416.41	579105	4141416	0.090647335	0.00173	0.002217	0.045526	0.038991	0.009337	0.090647335	579105	4141416
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579265.014141416.41	579265	4141416	0.025823325	0.000477	0.001824	0.005475	0.010811	0.002295	0.025823325	579265	4141416
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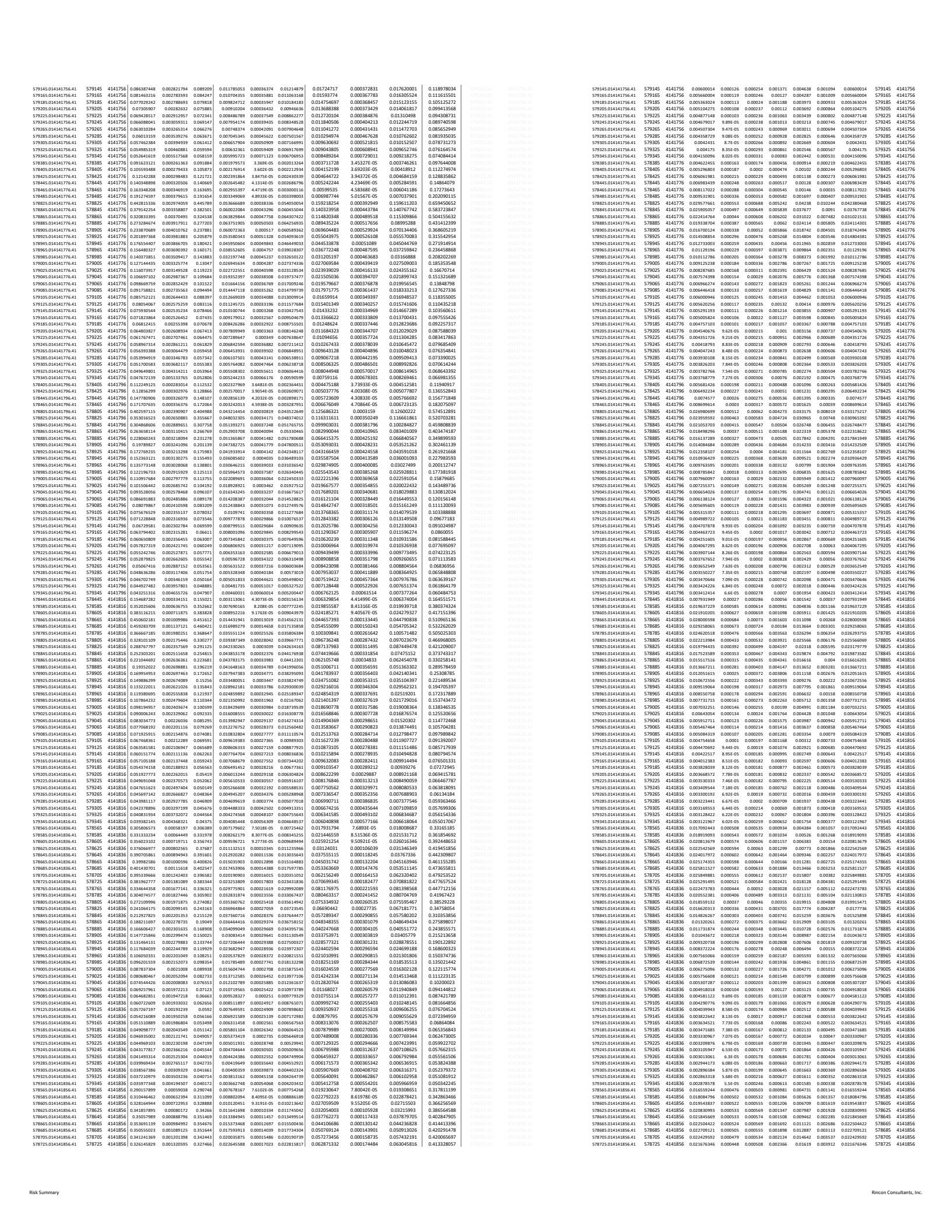
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578485.014141436.41	578485	4141436	0.060215087	0.000293653	0.060509	0.0016573	3.7853E-05	0.001695153	0.003438768	3.87991E-05	0.003477567	0.065681461
578505.014141436.41	578505	4141436	0.068888353	0.000310913	0.069199	0.001787238	4.0078E-05	0.001827315	0.003860517	4.10795E-05	0.003901597	0.074928178
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578565.014141436.41	578565	4141436	0.11463733	0.000387653	0.115025	0.002320308	4.997E-05	0.002370278	0.005885341	5.12189E-05	0.00593656	0.123331821
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578645.014141436.41	578645	4141436	0.350803785	0.000572512	0.351376	0.003644041	7.3798E-05	0.00371784	0.012792346	7.56435E-05	0.01286799	0.367962127
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579045.014141436.41	579045	4141436	2.875118573	0.009632903	2.884751	0.873106351	0.00124171	0.87434806	0.308416911	0.001272751	0.309689663	4.068789198
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578425.014141496.41	578425	4141496	0.045915921	0.000256263	0.046172	0.001438515	3.3033E-05	0.001471548	0.002675389	3.38588E-05	0.002709248	0.05035298
578445.014141496.41	578445	4141496	0.051179033	0.000271158	0.05145	0.001540491	3.4953E-05	0.001575444	0.002918664	3.58269E-05	0.002954491	0.055980126
578465.014141496.41	578465	4141496	0.05755413	0.000289566	0.057844	0.001656037	3.7326E-05	0.001693363	0.003206312	3.82591E-05	0.003244571	0.06278163
578485.014141496.41	578485	4141496	0.065467952	0.000311893	0.06578	0.001789823	4.0204E-05	0.001830027	0.003554778	4.12089E-05	0.003595987	0.071205858
578505.014141496.41	578505	4141496	0.074715139	0.000333104	0.075048	0.001934403	4.2938E-05	0.001977341	0.003951217	4.40116E-05	0.003995229	0.081020812
578525.014141496.41	578525	4141496	0.087486957	0.00036678	0.087854	0.002117188	4.7279E-05	0.002164467	0.004483482	4.84609E-05	0.004531943	0.094550147
578545.014141496.41	578545	4141496	0.101177409	0.000388194	0.101566	0.002292842	5.0039E-05	0.002342882	0.005033637	5.12903E-05	0.005084928	0.108993412
578565.014141496.41	578565	4141496	0.120151584	0.000420957	0.120573	0.00251009	5.4263E-05	0.002564353	0.005766348	5.56191E-05	0.005821967	0.128958861
578585.014141496.41	578585	4141496	0.145984336	0.000461084	0.146445	0.002766512	5.9435E-05	0.002825947	0.006709307	6.09209E-05	0.006770228	0.156041595
578605.014141496.41	578605	4141496	0.182266607	0.000507729	0.182774	0.003067474	6.5448E-05	0.003132922	0.007931991	6.70839E-05	0.007999075	0.193906333
578625.014141496.41	578625	4141496	0.236595212	0.000564035	0.237159	0.003423811	7.2706E-05	0.003496517	0.009555567	7.45233E-05	0.00963009	0.250285853
578645.014141496.41	578645	4141496	0.32861956	0.000638546	0.329258	0.003866556	8.231E-05	0.003948866	0.011834767	8.43681E-05	0.011919135	0.345126107
579085.014141496.41	579085	4141496	1.01686705	0.019675447	1.036542	0.993288271	0.00253622	0.995824492	0.161557388	0.002599627	0.164157014	2.196524004
579105.014141496.41	579105	4141496	0.801405654	0.022684194	0.82409	0.542964235	0.00292406	0.545888292	0.124270042	0.002997159	0.127267201	1.497245342
579125.014141496.41	579125	4141496	0.653230773	0.02639215	0.679623	0.312782407	0.00340202	0.316184431	0.098447107	0.003487074	0.101934181	1.097741535
579145.014141496.41	579145	4141496	0.546990084	0.03146353	0.578454	0.20184704	0.00405574	0.205902779	0.08031162	0.004157132	0.084468752	0.868825146
579165.014141496.41	579165	4141496	0.466917899	0.038794088	0.505712	0.142521727	0.00500067	0.147522396	0.067027786	0.005125685	0.072153471	0.725387854
579185.014141496.41	579185	4141496	0.403609666	0.042001914	0.445612	0.106576618	0.00541417	0.111990785	0.056826315	0.005549521	0.062375836	0.619978201
579205.014141496.41	579205	4141496	0.353113213	0.029827157	0.38294	0.083297178	0.00384481	0.087141984	0.048922946	0.003940926	0.052863872	0.522946226
578385.014141516.41	578385	4141516	0.038614679	0.000230086	0.038845	0.001285794	2.9659E-05	0.001315452	0.002333334	3.04002E-05	0.002363734	0.042523951
578405.014141516.41	578405	4141516	0.042769764	0.000245319	0.043015	0.001374263	3.1622E-05	0.001405885	0.002529872	3.24129E-05	0.002562285	0.046983253
578425.014141516.41	578425	4141516	0.047578186	0.000262072	0.04784	0.00147121	3.3782E-05	0.001504992	0.002751301	3.46264E-05	0.002785928	0.052131178
578445.014141516.41	578445	4141516	0.053112366	0.000276664	0.053389	0.001576574	3.5663E-05	0.001612236	0.002998523	3.65543E-05	0.003035077	0.058036343
578465.014141516.41	578465	4141516	0.059819687	0.000295173	0.060115	0.001696495	3.8049E-05	0.001734544	0.003289895	3.89999E-05	0.003328895	0.065178299
578485.014141516.41	578485	4141516	0.068068983	0.000318614	0.068388	0.001833669	4.107E-05	0.001874739	0.003637242	4.2097E-05	0.003679339	0.073941675
578505.014141516.41	578505	4141516	0.077864609	0.000339961	0.078205	0.00198435	4.3822E-05	0.002028171	0.00403572	4.49175E-05	0.004080638	0.084313379
578525.014141516.41	578525	4141516	0.091562462	0.000374244	0.091937	0.002177297	4.8241E-05	0.002225538	0.004574307	4.94472E-05	0.004623754	0.098785998
578545.014141516.41	578545	4141516	0.105791643	0.000397381	0.106189	0.002357032	5.1224E-05	0.002408256	0.005107139	5.25041E-05	0.005159643	0.113756922
578565.014141516.41	578565	4141516	0.12606462	0.000433961	0.126499	0.002586818	5.5939E-05	0.002642757	0.005834583	5.73373E-05	0.005891921	0.135033259
578585.014141516.41	578585	4141516	0.152791153	0.000473851	0.153265	0.002850036	6.1081E-05	0.002911117	0.006737819	6.26078E-05	0.006800427	0.162976548
578605.014141516.41	578605	4141516	0.189969185	0.000521848	0.190491	0.003158928	6.7268E-05	0.003226195	0.007900292	6.89493E-05	0.007969242	0.20168647
578625.014141516.41	578625	4141516	0.245039636	0.000582612	0.245622	0.00352797	7.51E-05	0.00360307	0.009448346	7.69778E-05	0.009525323	0.258750641
578645.014141516.41	578645	4141516	0.334778573	0.000659724	0.335438	0.003981105	8.504E-05	0.004066145	0.01159763	8.71663E-05	0.011684796	0.351189238
579085.014141516.41	579085	4141516	0.883439269	0.025091213	0.90853	0.951173292	0.00323433	0.954407621	0.150428258	0.003315187	0.153743446	2.016681548
579105.014141516.41	579105	4141516	0.710104529	0.029856138	0.739961	0.472409056	0.00384854	0.476257598	0.11672286	0.003944755	0.120667615	1.33688588
579125.014141516.41	579125	4141516	0.586648377	0.03586762	0.622516	0.271431657	0.00462344	0.276055095	0.093224187	0.004739025	0.097963212	0.996534304
579145.014141516.41	579145	4141516	0.49548443	0.044241873	0.539726	0.179624454	0.0057029	0.185327358	0.076523114	0.005845476	0.082368591	0.807422252
579165.014141516.41	579165	4141516	0.425713741	0.02475571	0.450469	0.129632493	0.00319108	0.132823575	0.064204783	0.003270859	0.067475642	0.650768668
578385.014141536.41	578385	4141536	0.039892469	0.000232822	0.040125	0.001309379	3.0011E-05	0.00133939	0.002395272	3.07617E-05	0.002426034	0.043890714
578405.014141536.41	578405	4141536	0.044165626	0.000246974	0.044413	0.001398185	3.1836E-05	0.00143002	0.002593275	3.26316E-05	0.002625906	0.048468527
578425.014141536.41	578425	4141536	0.049279124	0.000263052	0.049542	0.001498835	3.3908E-05	0.001532743	0.002822478	3.47558E-05	0.002857234	0.053932153
578445.014141536.41	578445	4141536	0.055381439	0.000282541	0.055664	0.001611983	3.642E-05	0.001648403	0.003087047	3.73308E-05	0.003124378	0.060436761
578465.014141536.41	578465	4141536	0.062540679	0.000301591	0.062842	0.001736281	3.8876E-05	0.001775157	0.003385519	3.98478E-05	0.003425367	0.068042793
578485.014141536.41	578485	4141536	0.071326069	0.000324187	0.07165	0.001877831	4.1789E-05	0.001919619	0.003738165	4.28334E-05	0.003780999	0.077350874
578505.014141536.41	578505	4141536	0.081835884	0.000346682	0.082183	0.002033602	4.4688E-05	0.002078291	0.004141722	4.58056E-05	0.004187527	0.088448385
578525.014141536.41	578525	4141536	0.097095611	0.000381709	0.097477	0.002240456	4.9203E-05	0.002289659	0.0047024	5.04334E-05	0.004752834	0.104519813
578545.014141536.41	578545	4141536	0.112058482	0.000406095	0.112465	0.002420823	5.2347E-05	0.00247317	0.005216776	5.36555E-05	0.005270432	0.120208179
578565.014141536.41	578565	4141536	0.134524247	0.000445378	0.13497	0.002664158	5.741E-05	0.002721568	0.005950443	5.88457E-05	0.006009289	0.143700482
578585.014141536.41	578585	4141536	0.164136865	0.000488679	0.164626	0.002941302	6.2992E-05	0.003004294	0.006846284	6.45669E-05	0.006910851	0.174540689
578605.014141536.41	578605	4141536	0.20492152	0.000538331	0.20546	0.003261386	6.9392E-05	0.003330779	0.007970739	7.11272E-05	0.008041866	0.216832495
578625.014141536.41	578625	4141536	0.26576249	0.000601966	0.266364	0.0036481	7.7595E-05	0.003725695	0.009464016	7.9535E-05	0.009543551	0.279633702
578645.014141536.41	578645	4141536	0.361273027	0.000679044	0.361952	0.004108533	8.7531E-05	0.004196064	0.011464384	8.97189E-05	0.011554103	0.377702238
578665.014141536.41	578665	4141536	0.528410678	0.000776692	0.529187	0.004667659	0.00010012	0.004767777	0.014260677	0.000102621	0.014363298	0.548318445
579105.014141536.41	579105	4141536	0.615567186	0.041525462	0.657093	0.37762464	0.00535275	0.38297739	0.10941404	0.005486569	0.114900609	1.154970647
579125.014141536.41	579125	4141536	0.516850893	0.039015054	0.555866	0.231198449	0.00502915	0.236227601	0.088268543	0.005154881	0.093423424	0.885516972
579185.014141536.41	579185	4141536	0.334875254	0.017237456	0.352113	0.089961176	0.00222196	0.092183133	0.052571672	0.002277506	0.054849178	0.499145022
578385.014141556.41	578385	4141556	0.041416368	0.000235456	0.041652	0.001333322	3.0351E-05	0.001363673	0.002457888	3.11098E-05	0.002488997	0.045504495
578405.014141556.41	578405	4141556	0.04595691	0.000249372	0.046206	0.001424505	3.2145E-05	0.00145665	0.00266231	3.29484E-05	0.002695258	0.05035819
578425.014141556.41	578425	4141556	0.051331057	0.000264876	0.051596	0.001526818	3.4143E-05	0.001560961	0.002895568	3.49968E-05	0.002930565	0.056087458
578445.014141556.41	578445	4141556	0.057844348	0.000283419	0.058128	0.001642679	3.6534E-05	0.001679212	0.003167233	3.74469E-05	0.00320468	0.06301166
578465.014141556.41	578465	4141556	0.06576032	0.00030507	0.066065	0.001774088	3.9324E-05	0.001813412	0.003482602	4.03075E-05	0.00352291	0.071401711
578485.014141556.41	578485	4141556	0.075270086	0.000327531	0.075598	0.001919698	4.222E-05	0.001961918	0.003843363	4.32752E-05	0.003886638	0.081446173
578505.014141556.41	578505	4141556	0.086941222	0.000351884	0.087293	0.00208357	4.5359E-05	0.002128929	0.004262918	4.64928E-05	0.004309411	0.093731446
578525.014141556.41	578525	4141556	0.103151575	0.000385863	0.103537	0.002290403	4.9739E-05	0.002340142	0.004812906	5.09824E-05	0.004863888	0.110741468
578545.014141556.41	578545	4141556	0.120492992	0.000411804	0.120905	0.002484655	5.3083E-05	0.002537738	0.005353878	5.44097E-05	0.005408288	0.128850821
578565.014141556.41	578565	4141556	0.145766689	0.000451525	0.146218	0.002736784	5.8203E-05	0.002794987	0.006088919	5.96579E-05	0.006148577	0.155161778
578585.014141556.41	578585	4141556	0.179899973	0.000497596	0.180398	0.003026825	6.4142E-05	0.003090966	0.006987272	6.57451E-05	0.007053017	0.190541553
578605.014141556.41	578605	4141556	0.228708854	0.000552483	0.229261	0.003370956	7.1217E-05	0.003442172	0.008126537	7.29971E-05	0.008199534	0.240903043
578625.014141556.41	578625	4141556	0.30115592	0.000617537	0.301773	0.003773953	7.9602E-05	0.003853555	0.009577654	8.15923E-05	0.009659246	0.315286258
578645.014141556.41	578645	4141556	0.417298802	0.000697553	0.417996	0.00425414	8.9917E-05	0.004344056	0.011493216	9.21645E-05	0.01158538	0.433925792
578665.014141556.41	578665	4141556	0.621393849	0.000798005	0.622192	0.004830011	0.00010287	0.004932876	0.014099333	0.000105437	0.01420477	0.6413295
578685.014141556.41	578685	4141556	1.031708535	0.00092845	1.032637	0.005535775	0.00011968	0.005655454	0.017838767	0.000122672	0.017961439	1.056253878
579165.014141556.41	579165	4141556	0.339034764	0.015628037	0.354663	0.102469835	0.0020145	0.104484334	0.058618773	0.002064861	0.060683634	0.519830769
579185.014141556.41	579185	4141556	0.299344421	0.017364321	0.316709	0.079879214	0.00223831	0.082117525	0.050231477	0.002294268	0.052525745	0.451352012
579205.014141556.41	579205	4141556	0.266409964	0.016225882	0.282636	0.064102037	0.00209156	0.0661936	0.043538066	0.002143852	0.045681918	0.394511363
578385.014141576.41	578385	4141576	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
578405.014141576.41	578405	4141576	0.048167775	0.00025248	0.04842	0.001452865	3.2545E-05	0.001485411	0.002732249	3.3359E-05	0.002765608	0.052671274
578425.014141576.41	578425	4141576	0.054006226	0.000267848	0.054274	0.001558249	3.4526E-05	0.001592776	0.002974406	3.53895E-05	0.003009795	0.058876645
578445.014141576.41	578445	4141576	0.061077915	0.000286054	0.061364	0.001677498	3.6873E-05	0.001714371	0.003254406	3.7795E-05	0.003292201	0.066370541

578425.014141436.41	578425	4141436	0.002271627	7.16E-05	8.25E-05	0.000396	0.000634	0.000151	0.002271627	578425	4141436
578445.014141436.41	578445	4141436	0.002517471	8E-05	9.17E-05	0.000405	0.000699	0.000167	0.002517471	578445	4141436
578465.014141436.41	578465	4141436	0.002806307	9E-05	0.000102	0.000415	0.000775	0.000185	0.002806307	578465	4141436
578485.014141436.41	578485	4141436	0.003154535	0.000102	0.000115	0.000426	0.000866	0.000207	0.003154535	578485	4141436
578505.014141436.41	578505	4141436	0.003561282	0.000116	0.00013	0.000438	0.000972	0.000232	0.003561282	578505	4141436
578525.014141436.41	578525	4141436	0.004093278	0.000135	0.00015	0.000452	0.001109	0.000265	0.004093278	578525	4141436
578545.014141436.41	578545	4141436	0.004748789	0.000158	0.000174	0.000469	0.001274	0.000305	0.004748789	578545	4141436
578565.014141436.41	578565	4141436	0.005596599	0.000188	0.000206	0.000487	0.001481	0.000355	0.005596599	578565	4141436
578585.014141436.41	578585	4141436	0.006773185	0.000231	0.00025	0.00051	0.001754	0.000421	0.006773185	578585	4141436
578605.014141436.41	578605	4141436	0.008408838	0.000291	0.000312	0.000537	0.002108	0.000506	0.008408838	578605	4141436
578625.014141436.41	578625	4141436	0.01081122	0.000383	0.000406	0.000569	0.002578	0.00062	0.01081122	578625	4141436
578645.014141436.41	578645	4141436	0.014503029	0.00053	0.000556	0.00061	0.003211	0.000772	0.014503029	578645	4141436
579025.014141436.41	579025	4141436	0.432196035	0.006596	0.007007	0.073428	0.101745	0.024573	0.432196035	579025	4141436
579045.014141436.41	579045	4141436	0.261299118	0.004433	0.004871	0.080621	0.08036	0.019381	0.261299118	579045	4141436
579065.014141436.41	579065	4141436	0.165528676	0.002989	0.003462	0.078323	0.062415	0.015021	0.165528676	579065	4141436
579085.014141436.41	579085	4141436	0.114149087	0.002166	0.002682	0.066401	0.048575	0.011654	0.114149087	579085	4141436
579105.014141436.41	579105	4141436	0.084433196	0.001644	0.002212	0.050067	0.03812	0.009106	0.084433196	579105	4141436
579125.014141436.41	579125	4141436	0.06605184	0.0013	0.001931	0.035412	0.030447	0.00723	0.06605184	579125	4141436
579145.014141436.41	579145	4141436	0.053765975	0.001062	0.001767	0.024653	0.024779	0.005838	0.053765975	579145	4141436
579165.014141436.41	579165	4141436	0.045082278	0.000888	0.001685	0.017454	0.02055	0.00479	0.045082278	579165	4141436
579185.014141436.41	579185	4141436	0.038763492	0.000758	0.001669	0.0128	0.01739	0.003996	0.038763492	579185	4141436
579205.014141436.41	579205	4141436	0.034094255	0.000657	0.001717	0.009762	0.015027	0.003387	0.034094255	579205	4141436
579225.014141436.41	579225	4141436	0.030654784	0.000577	0.001834	0.007715	0.013265	0.002912	0.030654784	579225	4141436
579245.014141436.41	579245	4141436	0.028183277	0.000512	0.002028	0.006279	0.011969	0.002535	0.028183277	579245	4141436
579265.014141436.41	579265	4141436	0.02649995	0.000457	0.002306	0.005233	0.011039	0.002229	0.02649995	579265	4141436
579285.014141436.41	579285	4141436	0.023868698	0.000412	0.002129	0.004455	0.009882	0.00198	0.023868698	579285	4141436
579305.014141436.41	579305	4141436	0.020124525	0.000373	0.001479	0.003857	0.008422	0.001774	0.020124525	579305	4141436
579325.014141436.41	579325	4141436	0.019223155	0.000339	0.00168	0.003381	0.007936	0.001599	0.019223155	579325	4141436
578385.014141456.41	578385	4141456	0.001945169	6.06E-05	7.06E-05	0.000385	0.000546	0.00013	0.001945169	578385	4141456
578405.014141456.41	578405	4141456	0.002122416	6.67E-05	7.72E-05	0.000392	0.000591	0.000141	0.002122416	578405	4141456
578425.014141456.41	578425	4141456	0.002329282	7.38E-05	8.49E-05	0.000399	0.000643	0.000153	0.002329282	578425	4141456
578445.014141456.41	578445	4141456	0.002576909	8.23E-05	9.42E-05	0.000408	0.000705	0.000168	0.002576909	578445	4141456
578465.014141456.41	578465	4141456	0.002868701	9.25E-05	0.000105	0.000418	0.000779	0.000186	0.002868701	578465	4141456
578485.014141456.41	578485	4141456	0.003223588	0.000105	0.000119	0.00043	0.000868	0.000207	0.003223588	578485	4141456
578505.014141456.41	578505	4141456	0.003627797	0.000119	0.000134	0.000442	0.00097	0.000232	0.003627797	578505	4141456
578525.014141456.41	578525	4141456	0.004174724	0.000139	0.000154	0.000457	0.001105	0.000264	0.004174724	578525	4141456
578545.014141456.41	578545	4141456	0.004799346	0.000161	0.000178	0.000473	0.001259	0.000301	0.004799346	578545	4141456
578565.014141456.41	578565	4141456	0.00565086	0.000192	0.00021	0.000493	0.001463	0.00035	0.00565086	578565	4141456
578585.014141456.41	578585	4141456	0.00679628	0.000233	0.000253	0.000516	0.001726	0.000414	0.00679628	578585	4141456
578605.014141456.41	578605	4141456	0.008354771	0.00029	0.000312	0.000542	0.002064	0.000495	0.008354771	578605	4141456
578625.014141456.41	578625	4141456	0.010641559	0.000375	0.000399	0.000574	0.002515	0.000604	0.010641559	578625	4141456
578645.014141456.41	578645	4141456	0.014218849	0.000512	0.000539	0.000614	0.00313	0.000752	0.014218849	578645	4141456
579045.014141456.41	579045	4141456	0.239239273	0.004139	0.004641	0.105405	0.082235	0.01982	0.239239273	579045	4141456
579065.014141456.41	579065	4141456	0.149408805	0.00283	0.003379	0.098947	0.062225	0.014956	0.149408805	579065	4141456
579085.014141456.41	579085	4141456	0.10375582	0.00203	0.002635	0.07744	0.047356	0.011337	0.10375582	579085	4141456
579105.014141456.41	579105	4141456	0.078032794	0.001536	0.00221	0.053402	0.036755	0.00875	0.078032794	579105	4141456
579125.014141456.41	579125	4141456	0.061944088	0.001217	0.001974	0.03514	0.029246	0.006908	0.061944088	579125	4141456
579145.014141456.41	579145	4141456	0.051059966	0.000997	0.001859	0.023442	0.023847	0.005574	0.051059966	579145	4141456
579165.014141456.41	579165	4141456	0.043274715	0.000837	0.001829	0.016289	0.019875	0.004579	0.043274715	579165	4141456
579185.014141456.41	579185	4141456	0.037645485	0.000717	0.00188	0.011928	0.016969	0.003833	0.037645485	579185	4141456
579205.014141456.41	579205	4141456	0.033580831	0.000624	0.002018	0.009151	0.014845	0.003262	0.033580831	579205	4141456
579225.014141456.41	579225	4141456	0.030797507	0.000549	0.002269	0.007298	0.013339	0.002818	0.030797507	579225	4141456
579245.014141456.41	579245	4141456	0.027005887	0.000487	0.001979	0.00598	0.011635	0.00246	0.027005887	579245	4141456
579265.014141456.41	579265	4141456	0.025482436	0.000436	0.00226	0.005023	0.01078	0.002172	0.025482436	579265	4141456
578385.014141476.41	578385	4141476	0.001998332	6.25E-05	7.27E-05	0.000387	0.000559	0.000133	0.001998332	578385	4141476
578405.014141476.41	578405	4141476	0.002182963	6.88E-05	7.96E-05	0.000395	0.000604	0.000144	0.002182963	578405	4141476
578425.014141476.41	578425	4141476	0.002396765	7.62E-05	8.76E-05	0.000403	0.000656	0.000156	0.002396765	578425	4141476
578445.014141476.41	578445	4141476	0.002643857	8.49E-05	9.69E-05	0.000412	0.000716	0.000171	0.002643857	578445	4141476
578465.014141476.41	578465	4141476	0.002942654	9.54E-05	0.000108	0.000422	0.000788	0.000188	0.002942654	578465	4141476
578485.014141476.41	578485	4141476	0.003309133	0.000108	0.000122	0.000434	0.000877	0.000209	0.003309133	578485	4141476
578505.014141476.41	578505	4141476	0.003728854	0.000124	0.000138	0.000447	0.000977	0.000233	0.003728854	578505	4141476
578525.014141476.41	578525	4141476	0.004293799	0.000144	0.00016	0.000463	0.001111	0.000266	0.004293799	578525	4141476
578545.014141476.41	578545	4141476	0.00489596	0.000166	0.000183	0.000479	0.001253	0.0003	0.00489596	578545	4141476
578565.014141476.41	578565	4141476	0.005735414	0.000197	0.000215	0.000498	0.001448	0.000347	0.005735414	578565	4141476
578585.014141476.41	578585	4141476	0.006845245	0.000238	0.000258	0.000522	0.001697	0.000407	0.006845245	578585	4141476
578605.014141476.41	578605	4141476	0.008367523	0.000294	0.000317	0.000549	0.002023	0.000485	0.008367523	578605	4141476
578625.014141476.41	578625	4141476	0.010563329	0.000376	0.000401	0.000581	0.002455	0.000589	0.010563329	578625	4141476
578645.014141476.41	578645	4141476	0.014011605	0.000504	0.000532	0.000621	0.003051	0.000733	0.014011605	578645	4141476
579065.014141476.41	579065	4141476	0.129985415	0.002596	0.003244	0.125792	0.06053	0.014521	0.129985415	579065	4141476
579085.014141476.41	579085	4141476	0.093298832	0.00186	0.002586	0.088203	0.045504	0.010859	0.093298832	579085	4141476
579105.014141476.41	579105	4141476	0.071629116	0.001408	0.002226	0.054331	0.035083	0.008309	0.071629116	579105	4141476
579125.014141476.41	579125	4141476	0.05769142	0.001119	0.002053	0.033125	0.027906	0.006541	0.05769142	579125	4141476
579145.014141476.41	579145	4141476	0.048220098	0.000924	0.002009	0.021476	0.022907	0.005292	0.048220098	579145	4141476
579165.014141476.41	579165	4141476	0.041535205	0.000781	0.00207	0.014969	0.019337	0.004377	0.041535205	579165	4141476
579185.014141476.41	579185	4141476	0.0366782	0.000671	0.002225	0.011032	0.016711	0.003676	0.0366782	579185	4141476
579205.014141476.41	579205	4141476	0.033464934	0.000585	0.002525	0.008563	0.014901	0.003143	0.033464934	579205	4141476
579225.014141476.41	579225	4141476	0.028855295	0.000517	0.002088	0.006902	0.01282	0.002728	0.028855295	579225	4141476
578385.014141496.41	578385	4141496	0.002054325	6.44E-05	7.48E-05	0.00039	0.000573	0.000137	0.002054325	578385	4141496
578405.014141496.41	578405	4141496	0.002247961	7.11E-05	8.21E-05	0.000397	0.00062	0.000148	0.002247961	578405	4141496
578425.014141496.41	578425	4141496	0.002468904	7.88E-05	9.05E-05	0.000406	0.000672	0.00016	0.002468904	578425	4141496
578445.014141496.41	578445	4141496	0.002726431	8.79E-05	0.0001	0.000415	0.000733	0.000175	0.002726431	578445	4141496
578465.014141496.41	578465	4141496	0.003034355	9.89E-05	0.000112	0.000426	0.000804	0.000192	0.003034355	578465	4141496
578485.014141496.41	578485	4141496	0.003411347	0.000113	0.000127	0.000438	0.000891	0.000213	0.003411347	578485	4141496
578505.014141496.41	578505	4141496	0.003844566	0.000128	0.000144	0.000452	0.00099	0.000236	0.003844566	578505	4141496
578525.014141496.41	578525	4141496	0.004432904	0.00015	0.000167	0.000468	0.001123	0.000268	0.004432904	578525	4141496
578545.014141496.41	578545	4141496	0.005048354	0.000173	0.000191	0.000485	0.00126	0.000301	0.005048354	578545	4141496
578565.014141496.41	578565	4141496	0.005882067	0.000205	0.000224	0.000505	0.001444	0.000345	0.005882067	578565	4141496
578585.014141496.41	578585	4141496	0.006982678	0.000247	0.000268	0.000528	0.00168	0.000402	0.006982678	578585	4141496
578605.014141496.41	578605	4141496	0.008467728	0.000304	0.000327	0.000556	0.001987	0.000476	0.008467728	578605	4141496
578625.014141496.41	578625	4141496	0.010576624	0.000385	0.00041	0.000589	0.002394	0.000574	0.010576624	578625	4141496
578645.014141496.41	578645	4141496	0.013900177	0.000511	0.00054	0.00063	0.002968	0.000713	0.013900177	578645	4141496
579085.014141496.41	579085	4141496	0.082608602	0.001659	0.002553	0.094634	0.043092	0.010233	0.094633754	579085	4141496
579105.014141496.41	579105	4141496	0.065053608	0.001266	0.002296	0.051724	0.033337	0.007834	0.065053608	579105	4141496
579125.014141496.41	579125	4141496	0.053330335	0.001015	0.002214	0.029773	0.026686	0.00618	0.053330335	579125	4141496
579145.014141496.41	579145	4141496	0.045363997	0.000845	0.002274	0.019233	0.02215	0.005025	0.045363997	579145	4141496
579165.014141496.41	579165	4141496	0.039934484	0.00072	0.002482	0.013622	0.019007	0.004182	0.039934484	579165	4141496
579185.014141496.41	579185	4141496	0.035354147	0.000622	0.00253	0.010234	0.016496	0.003537	0.035354147	579185	4141496
579205.014141496.41	579205	4141496	0.029713318	0.000545	0.0019	0.008047	0.013891	0.00304	0.029713318	579205	4141496
578385.014141516.41	578385	4141516	0.002104674	6.62E-05	7.67E-05	0.000392	0.000587	0.00014	0.002104674	578385	4141516
578405.014141516.41	578405	4141516	0.002311986	7.34E-05	8.46E-05	0.0004	0.000636	0.000152	0.002311986	578405	4141516
578425.014141516.41	578425	4141516	0.002548937	8.18E-05	9.37E-05	0.000409	0.000691	0.000165	0.002548937	578425	4141516
578445.014141516.41	578445	4141516	0.002817965	9.14E-05	0.000104	0.000419	0.000753	0.000179	0.002817965	578445	4141516
578465.014141516.41	578465	4141516	0.003139813	0.000103	0.000116	0.00043	0.000825	0.000197	0.003139813	578465	4141516
578485.014141516.41	578485	4141516	0.003529942	0.000117	0.000132	0.000442	0.000911	0.000217	0.003529942	578485	4141516
578505.014141516.41	578505	4141516	0.00398509	0.000134	0.00015	0.000456	0.00101	0.000241	0.00398509	578505	4141516
578525.014141516.41	578525	4141516	0.004610249	0.000158	0.000175	0.000474	0.001144	0.000273	0.004610249	578525	4141516
578545.014141516.41	578545	4141516	0.005243597	0.000182	0.0002	0.00049	0.001276	0.000305	0.005243597	578545	4141516
578565.014141516.41	578565	4141516	0.00612519	0.000217	0.000237	0.000512	0.001458	0.000349	0.00612519	578565	4141516
578585.014141516.41	578585	4141516	0.00725078	0.000262	0.000283	0.000536	0.001683	0.000403	0.00725078	578585	4141516
578605.014141516.41	578605	4141516	0.008757231	0.000323	0.000346	0.000564	0.001973	0.000473	0.008757231	578605	4141516
578625.014141516.41	578625	4141516	0.010881659	0.00041	0.000436	0.000598	0.002361	0.000566	0.010881659	578625	4141516
578645.014141516.41	578645	4141516	0.014123432	0.000544	0.000574	0.00064	0.002901	0.000696	0.014123432	578645	4141516
579085.014141516.41	579085	4141516	0.071568441	0.001434	0.002574	0.090993	0.040404	0.009521	0.090992812	579085	4141516
579105.014141516.41	579105	4141516	0.058194425	0.001115	0.002472	0.045045	0.031674	0.007352	0.058194425	579105	4141516
579125.014141516.41	579125	4141516	0.04902759	0.000909	0.002538	0.025841	0.025747	0.005848	0.04902759	579125	4141516
579145.014141516.41	579145	4141516	0.042872048	0.000763	0.002774	0.017126	0.021746	0.004786	0.042872048	579145	4141516
579165.014141516.41	579165	4141516	0.034642898	0.000655	0.00178	0.012404	0.017644	0.004006	0.034642898	579165	4141516
578385.014141536.41	578385	4141536	0.002165868	6.85E-05	7.91E-05	0.000394	0.000603	0.000144	0.002165868	578385	4141536
578405.014141536.41	578405	4141536	0.002377496	7.6E-05	8.72E-05	0.000402	0.000652	0.000155	0.002377496	578405	4141536
578425.014141536.41	578425	4141536	0.00262763	8.49E-05	9.68E-05	0.000411	0.000709	0.000169	0.00262763	578425	4141536
578445.014141536.41	578445	4141536	0.002922216	9.56E-05	0.000108	0.000422	0.000775	0.000185	0.002922216	578445	4141536
578465.014141536.41	578465	4141536	0.003262465	0.000108	0.000122	0.000433	0.000849	0.000202	0.003262465	578465	4141536
578485.014141536.41	578485	4141536	0.003673295	0.000123	0.000138	0.000446	0.000936	0.000223	0.003673295	578485	4141536
578505.014141536.41	578505	4141536	0.004155398	0.000142	0.000158	0.000461	0.001036	0.000247	0.004155398	578505	4141536
578525.014141536.41	578525	4141536	0.004841268	0.000169	0.000186	0.00048	0.001175	0.000281	0.004841268	578525	4141536
578545.014141536.41	578545	4141536	0.005495568	0.000195	0.000213	0.000496	0.001302	0.000311	0.005495568	578545	4141536
578565.014141536.41	578565	4141536	0.006453223	0.000234	0.000254	0.000519	0.001484	0.000355	0.006453223	578565	4141536
578585.014141536.41	578585	4141536	0.007670985	0.000285	0.000307	0.000544	0.001706	0.000408	0.007670985	578585	4141536
578605.014141536.41	578605	4141536	0.009277656	0.000354	0.000378	0.000574	0.001986	0.000476	0.009277656	578605	4141536
578625.014141536.41	578625	4141536	0.011553566	0.000455	0.000483	0.00061	0.002357	0.000565	0.011553566	578625	4141536
578645.014141536.41	578645	4141536	0.014897255	0.00061	0.00064	0.000652	0.002857	0.000685	0.014897255	578645	4141536
578665.014141536.41	578665	4141536	0.020281057	0.000865	0.0009	0.000703	0.003558	0.000854	0.020281057	578665	4141536
579105.014141536.41	579105	4141536	0.05166599	0.000966	0.002853	0.035957	0.030292	0.006888	0.05166599	579105	4141536
579125.014141536.41	579125	4141536	0.043556381	0.000801	0.002574	0.022006	0.02461	0.005538	0.043556381	579125	4141536
579185.014141536.41	579185	4141536	0.026414678	0.000515	0.001298	0.008673	0.014301	0.003278	0.026414678	579185	4141536
578385.014141556.41	578385	4141556	0.002237018	7.13E-05	8.2E-05	0.000396	0.000618	0.000147	0.002237018	578385	4141556
578405.014141556.41	578405	4141556	0.002459795	7.92E-05	9.06E-05	0.000405	0.000669	0.00016	0.002459795	578405	4141556
578425.014141556.41	578425	4141556	0.002719892	8.87E-05	0.000101	0.000414	0.000727	0.000173	0.002719892	578425	4141556
578445.014141556.41	578445	4141556	0.003030596	0.0001	0.000113	0.000425	0.000795	0.00019	0.003030596	578445	4141556
578465.014141556.41	578465	4141556	0.003402162	0.000114	0.000128	0.000437	0.000873	0.000208	0.003402162	578465	4141556
578485.014141556.41	578485	4141556	0.003840038	0.000131	0.000146	0.00045	0.000962	0.00023	0.003840038	578485	4141556
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578565.014141556.41	578565	4141556	0.006866842	0.000255	0.000276	0.000526	0.001516	0.000363	0.006866842	578565	4141556
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578685.014141556.41	578685	4141556	0.033994463	0.001664	0.001707	0.000783	0.004436	0.001065	0.033994463	578685	4141556
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579185.014141556.41	579185	4141556	0.023594934	0.000459	0.001248	0.007728	0.013732	0.003139	0.023594934	579185	4141556
579205.014141556.41	579205	4141556	0.020988735	0.000409	0.001146	0.00625	0.011943	0.002717	0.020988735	579205	4141556
578385.014141576.41	578385	4141576	0.002323219	7.47E-05	8.56E-05	0.000398	0.000629	0.00015	0.002323219	578385	4141576
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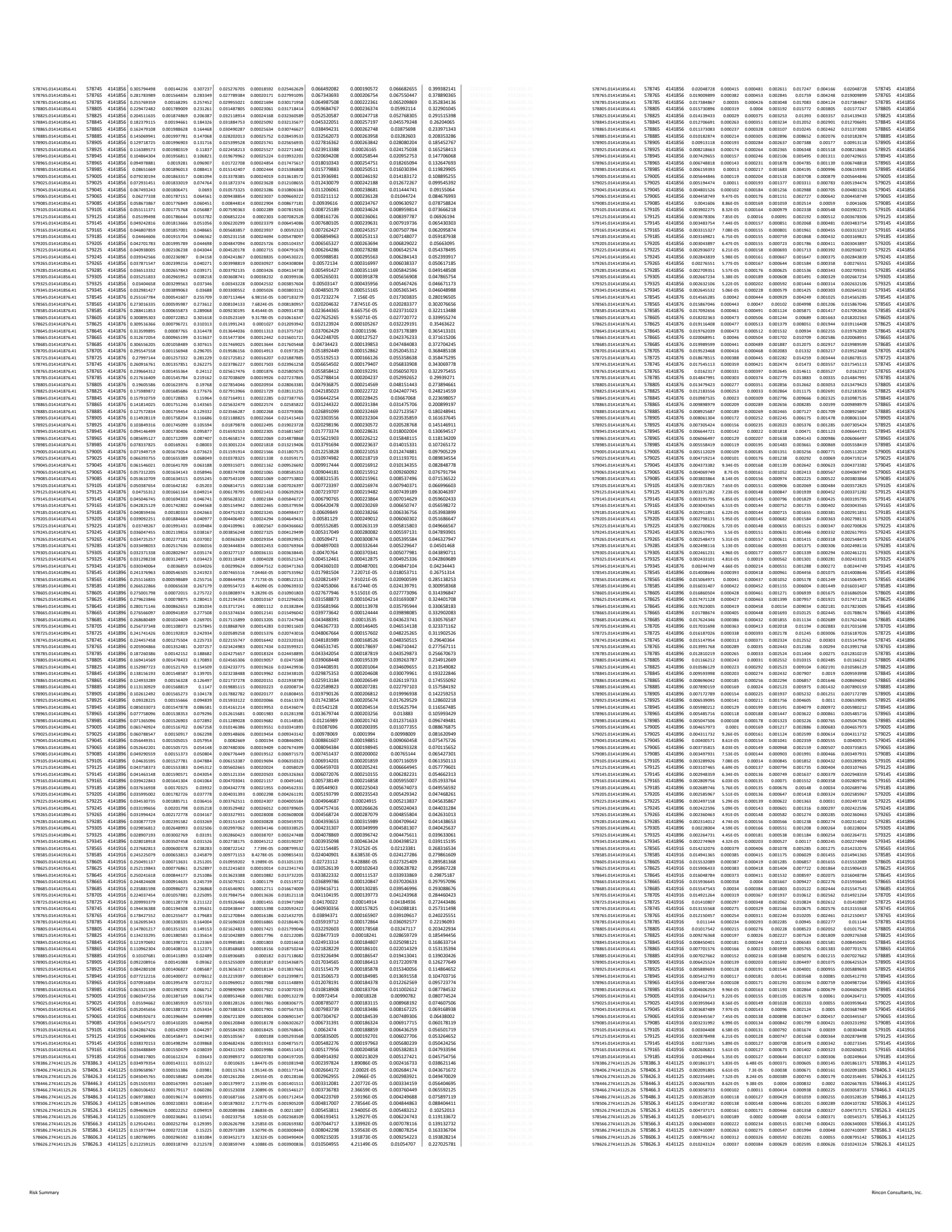
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578485.014141576.41	578485	4141576	0.080117374	0.000328105	0.080445	0.001961271	4.2294E-05	0.002003565	0.003946759	4.33511E-05	0.00399011	0.086439153
578505.014141576.41	578505	4141576	0.093516458	0.000355937	0.093872	0.002135641	4.5881E-05	0.002181522	0.004391886	4.70284E-05	0.004438914	0.100492832
578525.014141576.41	578525	4141576	0.111704976	0.000390254	0.112095	0.00234889	5.0305E-05	0.002399195	0.004953708	5.15625E-05	0.005005271	0.119499697
578545.014141576.41	578545	4141576	0.132619061	0.000420484	0.13304	0.002560793	5.4202E-05	0.002614995	0.005536929	5.55567E-05	0.005592486	0.141247026
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578605.014141576.41	578605	4141576	0.262087846	0.000561704	0.26265	0.003482354	7.2405E-05	0.003554759	0.008334684	7.42154E-05	0.008408899	0.274613208
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579145.014141576.41	579145	4141576	0.33630967	0.018975698	0.355285	0.111295795	0.00244602	0.113741817	0.06538328	0.002507172	0.067890452	0.536917638
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579205.014141576.41	579205	4141576	0.237508623	0.011231209	0.24874	0.055622166	0.00144773	0.057069901	0.041207214	0.001483928	0.042691142	0.348500875
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579265.014141576.41	579265	4141576	0.176932416	0.008057868	0.18499	0.033277567	0.00103868	0.034316249	0.028301091	0.001064649	0.029365741	0.248672274
578385.014141596.41	578385	4141596	0.045564998	0.000242617	0.045808	0.001387076	3.1274E-05	0.00141835	0.002583692	3.20559E-05	0.002615748	0.049841713
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579225.014141616.41	579225	4141616	0.168934762	0.006311655	0.175246	0.032970782	0.00081359	0.033784372	0.031099031	0.00083393	0.031932961	0.24096375
579245.014141616.41	579245	4141616	0.155094008	0.006045563	0.16114	0.028592479	0.00077929	0.029371769	0.027547721	0.000798773	0.028346494	0.218857834
579265.014141616.41	579265	4141616	0.14288344	0.006047522	0.148931	0.025025149	0.00077954	0.025804692	0.02457972	0.000799031	0.025378751	0.200114405
579285.014141616.41	579285	4141616	0.131557035	0.006159829	0.137717	0.021898079	0.00079402	0.022692098	0.021950713	0.00081387	0.022764583	0.183173546
579305.014141616.41	579305	4141616	0.122103584	0.006819417	0.128923	0.019489803	0.00087904	0.020368845	0.019841061	0.000901018	0.02074208	0.170033926
579325.014141616.41	579325	4141616	0.113677924	0.008046114	0.121724	0.017465536	0.00103717	0.018502703	0.018032658	0.001063096	0.019095754	0.159322495
579345.014141616.41	579345	4141616	0.106024125	0.010491502	0.116516	0.015765846	0.00135238	0.017118231	0.016486598	0.001386194	0.017872792	0.151506651
578385.014141636.41	578385	4141636	0.051517443	0.000245116	0.051763	0.001451095	3.1596E-05	0.001482692	0.002707724	3.23861E-05	0.002740111	0.055985361
578405.014141636.41	578405	4141636	0.05837266	0.000261059	0.058634	0.001560224	3.3651E-05	0.001593875	0.002952477	3.44925E-05	0.002986969	0.063214564
578425.014141636.41	578425	4141636	0.066689765	0.000277913	0.066968	0.001682544	3.5824E-05	0.001718368	0.003232037	3.67194E-05	0.003268756	0.071954802
578445.014141636.41	578445	4141636	0.076960359	0.000297234	0.077258	0.00182079	3.8314E-05	0.001859104	0.003554626	3.92721E-05	0.003593898	0.082710595
578465.014141636.41	578465	4141636	0.089746631	0.000318851	0.090065	0.001976982	4.1101E-05	0.002018082	0.003927568	4.21283E-05	0.003969696	0.09605326
578485.014141636.41	578485	4141636	0.105657421	0.000341548	0.105999	0.002151435	4.4027E-05	0.002195461	0.00435413	4.51272E-05	0.004399257	0.112593688
578505.014141636.41	578505	4141636	0.12650974	0.000369448	0.126879	0.002355994	4.7623E-05	0.002403617	0.004867207	4.88135E-05	0.004916021	0.134198826
578525.014141636.41	578525	4141636	0.154260583	0.000402211	0.154663	0.00259615	5.1846E-05	0.002647996	0.005488768	5.31423E-05	0.00554191	0.162852701
578545.014141636.41	578545	4141636	0.19011134	0.000438048	0.190549	0.002863067	5.6466E-05	0.002919533	0.006202256	5.78773E-05	0.006260133	0.199729054
578565.014141636.41	578565	4141636	0.239877882	0.000481552	0.240359	0.003184536	6.2073E-05	0.003246609	0.007092502	6.36253E-05	0.007156127	0.25076217
578585.014141636.41	578585	4141636	0.309591261	0.000534379	0.310126	0.00357076	6.8883E-05	0.003639643	0.008204126	7.0605E-05	0.008274731	0.322040013
578605.014141636.41	578605	4141636	0.405865561	0.000596832	0.406462	0.004021087	7.6933E-05	0.00409802	0.009558655	7.88566E-05	0.009637512	0.420197924
578625.014141636.41	578625	4141636	0.539077355	0.000672221	0.53975	0.004553841	8.6651E-05	0.004640492	0.01124139	8.88175E-05	0.011330208	0.555720276
578645.014141636.41	578645	4141636	0.721919648	0.000768045	0.722688	0.005208446	9.9003E-05	0.005307449	0.01343014	0.000101478	0.013531618	0.74152676
578665.014141636.41	578665	4141636	0.95627213	0.000890958	0.957163	0.006010778	0.00011485	0.006125625	0.016304992	0.000117718	0.01642271	0.979711423
578685.014141636.41	578685	4141636	1.236758742	0.001059165	1.237818	0.007041452	0.00013653	0.007177981	0.020324144	0.000139943	0.020464086	1.265459974
578705.014141636.41	578705	4141636	1.542117504	0.001291007	1.543409	0.008355731	0.00016641	0.008522146	0.02604009	0.000170575	0.026210665	1.578141321
578725.014141636.41	578725	4141636	1.852786859	0.001603913	1.854391	0.009980839	0.00020675	0.010187588	0.034193178	0.000211918	0.034405096	1.898983456
579045.014141636.41	579045	4141636	0.378692998	0.01827595	0.396969	0.152302912	0.00235582	0.154658735	0.135517925	0.002414718	0.137932642	0.689560324
579065.014141636.41	579065	4141636	0.329970096	0.017371515	0.347342	0.111767951	0.00223924	0.114007189	0.105595684	0.002295219	0.107890903	0.569239703
579085.014141636.41	579085	4141636	0.291518812	0.013441884	0.304961	0.086494847	0.0017327	0.088227545	0.084676848	0.001776015	0.086452862	0.479641102
579105.014141636.41	579105	4141636	0.260116947	0.010878379	0.270995	0.069476117	0.00140225	0.070878371	0.069407542	0.00143731	0.070844853	0.41271855
579125.014141636.41	579125	4141636	0.23393946	0.009058262	0.242998	0.057286136	0.00116764	0.058453772	0.057893001	0.001196827	0.059089828	0.360541322
579165.014141636.41	579165	4141636	0.192685171	0.00687775	0.199563	0.041245487	0.00088656	0.042132049	0.042131708	0.000908726	0.043040433	0.284735403
579185.014141636.41	579185	4141636	0.176192461	0.006142637	0.182335	0.035561251	0.0007918	0.036353054	0.036526655	0.000811599	0.037338254	0.256026405
579205.014141636.41	579205	4141636	0.161702186	0.005666083	0.167368	0.030919478	0.00073037	0.031649852	0.031986521	0.000748634	0.032735154	0.231753275
579225.014141636.41	579225	4141636	0.148912542	0.005374592	0.154287	0.027062645	0.0006928	0.027755445	0.028238478	0.00071012	0.028948598	0.210991177
579245.014141636.41	579245	4141636	0.137586052	0.005281065	0.142867	0.023876307	0.00068074	0.024557051	0.025125028	0.000697763	0.025822791	0.193246959
579265.014141636.41	579265	4141636	0.127445024	0.005348955	0.132794	0.021150467	0.0006895	0.021839962	0.022477418	0.000706733	0.023184151	0.177818093
579285.014141636.41	579285	4141636	0.118210934	0.005606839	0.123818	0.018816386	0.00072274	0.019539123	0.020198068	0.000740806	0.020938874	0.164295771
579305.014141636.41	579305	4141636	0.11016087	0.006223633	0.116385	0.016907317	0.00080224	0.017709561	0.018299316	0.0008223	0.019121616	0.153215681
579325.014141636.41	579325	4141636	0.102886031	0.007268781	0.110155	0.015264025	0.00093697	0.016200992	0.016655873	0.000960391	0.017616264	0.143972068
579345.014141636.41	579345	4141636	0.096336254	0.009103219	0.105439	0.013857955	0.00117343	0.015031386	0.015237352	0.001202767	0.016440119	0.136910978
578385.014141656.41	578385	4141656	0.055567049	0.000247515	0.055815	0.001493803	3.1905E-05	0.001525708	0.002785464	3.2703E-05	0.002818167	0.060158439
578405.014141656.41	578405	4141656	0.063317661	0.000262883	0.063581	0.001609053	3.3886E-05	0.00164294	0.003042275	3.47335E-05	0.003077009	0.068300492
578425.014141656.41	578425	4141656	0.072600884	0.000279163	0.07288	0.001735812	3.5985E-05	0.001771797	0.003329726	3.68846E-05	0.003366611	0.078018455
578445.014141656.41	578445	4141656	0.08425426	0.000298585	0.084553	0.001881863	3.8488E-05	0.001920351	0.003667643	3.94506E-05	0.003707094	0.09018029
578465.014141656.41	578465	4141656	0.099249224	0.000321654	0.099571	0.002053307	4.1462E-05	0.002094769	0.004073488	4.24987E-05	0.004115987	0.105781634
578485.014141656.41	578485	4141656	0.117717472	0.000345872	0.118063	0.002242024	4.4584E-05	0.002286608	0.00453138	4.56985E-05	0.004577079	0.124927031
578505.014141656.41	578505	4141656	0.142496018	0.000375257	0.142871	0.002471408	4.8372E-05	0.00251978	0.005102715	4.95811E-05	0.005152296	0.150543351
578525.014141656.41	578525	4141656	0.173049755	0.000406501	0.173456	0.002718064	5.2399E-05	0.002770463	0.00573579	5.37091E-05	0.005789499	0.182016218
578545.014141656.41	578545	4141656	0.213862727	0.000443655	0.214306	0.003011172	5.7188E-05	0.00306836	0.006511158	5.86181E-05	0.006569776	0.223944518
578565.014141656.41	578565	4141656	0.268863182	0.00048824	0.269351	0.003361567	6.2936E-05	0.003424503	0.007471185	6.45089E-05	0.007535694	0.280311619
578585.014141656.41	578585	4141656	0.342788144	0.000541843	0.34333	0.003779473	6.9845E-05	0.003849318	0.008661849	7.15913E-05	0.00873344	0.355912745
578605.014141656.41	578605	4141656	0.441695087	0.000607133	0.442302	0.004282225	7.8261E-05	0.004360486	0.010157075	8.02178E-05	0.010237292	0.456899998
578625.014141656.41	578625	4141656	0.572780527	0.000689447	0.57347	0.004902493	8.8872E-05	0.004991365	0.012096376	9.10935E-05	0.01218747	0.590648808
578645.014141656.41	578645	4141656	0.735174785	0.000789898	0.735965	0.005642318	0.00010182	0.005744138	0.014547409	0.000104366	0.014651775	0.756360596
578665.014141656.41	578665	4141656	0.927264112	0.000919398	0.928184	0.006562288	0.00011851	0.006680801	0.017814136	0.000121476	0.017935612	0.952799922
578685.014141656.41	578685	4141656	1.148166968	0.001100068	1.149267	0.007786374	0.0001418	0.007928176	0.02254641	0.000145347	0.022691757	1.179886969
578705.014141656.41	578705	4141656	1.369055745	0.00132779	1.370384	0.009263813	0.00017116	0.009434969	0.028931327	0.000175435	0.029106762	1.408925266
578725.014141656.41	578725	4141656	1.607285077	0.001643432	1.608929	0.01122595	0.00021184	0.011437793	0.03862603	0.000217139	0.038843169	1.65920947
579005.014141656.41	579005	4141656	0.417470822	0.013804779	0.431276	0.17961931	0.00177948	0.181398785	0.179351322	0.001823962	0.181175284	0.79384967
579025.014141656.41	579025	4141656	0.355372857	0.01884478	0.374218	0.129558145	0.00242915	0.131987291	0.136505958	0.002489875	0.138995833	0.645200761
579045.014141656.41	579045	4141656	0.308436998	0.014239922	0.322677	0.095868791	0.00183557	0.097704358	0.1069393	0.001881456	0.108820756	0.529202034
579065.014141656.41	579065	4141656	0.271957338	0.011383879	0.283341	0.074404008	0.00146741	0.075871423	0.085955741	0.0015041	0.087459841	0.446672481
579085.014141656.41	579085	4141656	0.242558766	0.00941197	0.251971	0.059848364	0.00121323	0.061061594	0.070464446	0.001243561	0.071708006	0.384740336
579105.014141656.41	579105	4141656	0.218429757	0.008000617	0.22643	0.049583199	0.0010313	0.050614501	0.058781238	0.001057085	0.059838323	0.336883198
579125.014141656.41	579125	4141656	0.198146607	0.006965298	0.205112	0.041979103	0.00089785	0.04287695	0.049773043	0.000920293	0.050693336	0.298682192
579145.014141656.41	579145	4141656	0.180854761	0.006171786	0.187027	0.036197333	0.00079556	0.036992894	0.042650491	0.00081545	0.04346594	0.267485382
579185.014141656.41	579185	4141656	0.152817463	0.005124916	0.157942	0.027865525	0.00066062	0.028526141	0.032299791	0.000677132	0.032976923	0.219445442
579205.014141656.41	579205	4141656	0.141239142	0.004845921	0.146085	0.024725223	0.00062465	0.025349876	0.028491325	0.000640269	0.029131594	0.200566533
579225.014141656.41	579225	4141656	0.130930034	0.004703722	0.135634	0.02204935	0.00060632	0.022655673	0.025317562	0.000621481	0.025939043	0.184228472
579245.014141656.41	579245	4141656	0.121710389	0.004722637	0.126433	0.019773666	0.00060876	0.020382427	0.022664673	0.00062398	0.023288653	0.170104106
579265.014141656.41	579265	4141656	0.113314682	0.00480745	0.118122	0.017711734	0.00061969	0.018331428	0.020337091	0.000635186	0.020972278	0.157425837
579285.014141656.41	579285	4141656	0.105776873	0.005122821	0.1109	0.015994579	0.00066035	0.016654926	0.018384921	0.000676855	0.019061776	0.146616397
579305.014141656.41	579305	4141656	0.099089025	0.005732893	0.104822	0.014552016	0.00073899	0.015291003	0.0167377	0.000757461	0.017495161	0.137608082
579325.014141656.41	579325	4141656	0.092815837	0.006611016	0.099427	0.013226974	0.00085218	0.014079153	0.015260333	0.000873483	0.016133816	0.129639822
579345.014141656.41	579345	4141656	0.087172143	0.008097319	0.095269	0.012088443	0.00104377	0.01313221	0.01398672	0.001069862	0.015056581	0.123458254
578385.014141676.41	578385	4141676	0.060339902	0.000249203	0.060589	0.001544989	3.2123E-05	0.001577112	0.002876954	3.29261E-05	0.00290988	0.065076097
578405.014141676.41	578405	4141676	0.068942025	0.000264403	0.069206	0.001664994	3.4082E-05	0.001699076	0.00314222	3.49343E-05	0.003177154	0.074082658
578425.014141676.41	578425	4141676	0.079449908	0.000280075	0.07973	0.001800252	3.6102E-05	0.001836354	0.003446801	3.7005E-05	0.003483806	0.085050144
578445.014141676.41	578445	4141676	0.092703439	0.00030024	0.093004	0.001957179	3.8702E-05	0.001995881	0.003807708	3.96693E-05	0.003847377	0.098846937
578465.014141676.41	578465	4141676	0.109744698	0.000324255	0.110069	0.002142887	4.1797E-05	0.002184684	0.004243868	4.28423E-05	0.004286711	0.116540347
578485.014141676.41	578485	4141676	0.130714497	0.000349148	0.131064	0.002348918	4.5006E-05	0.002393924	0.004740078	4.61314E-05	0.00478621	0.138243779

578465.014141576.41	578465	4141576	0.003561802	0.000121	0.000135	0.00044	0.000895	0.000214	0.003561802	578465	4141576
578485.014141576.41	578485	4141576	0.004038297	0.00014	0.000155	0.000454	0.000987	0.000236	0.004038297	578485	4141576
578505.014141576.41	578505	4141576	0.004629919	0.000164	0.00018	0.00047	0.001097	0.000262	0.004629919	578505	4141576
578525.014141576.41	578525	4141576	0.005411691	0.000196	0.000214	0.00049	0.001236	0.000295	0.005411691	578525	4141576
578545.014141576.41	578545	4141576	0.006278678	0.000234	0.000253	0.000509	0.001379	0.00033	0.006278678	578545	4141576
578565.014141576.41	578565	4141576	0.007456025	0.000286	0.000307	0.000533	0.001563	0.000374	0.007456025	578565	4141576
578585.014141576.41	578585	4141576	0.009015712	0.000359	0.000382	0.000561	0.001787	0.000428	0.009015712	578585	4141576
578605.014141576.41	578605	4141576	0.011166008	0.000463	0.000488	0.000594	0.002067	0.000495	0.011166008	578605	4141576
578625.014141576.41	578625	4141576	0.014277495	0.00062	0.000649	0.000634	0.002424	0.000581	0.014277495	578625	4141576
578645.014141576.41	578645	4141576	0.019108668	0.000872	0.000905	0.000681	0.002899	0.000695	0.019108668	578645	4141576
578665.014141576.41	578665	4141576	0.027000142	0.001286	0.001323	0.000738	0.003522	0.000845	0.027000142	578665	4141576
578685.014141576.41	578685	4141576	0.041072714	0.001992	0.002036	0.000806	0.004391	0.001054	0.041072714	578685	4141576
578705.014141576.41	578705	4141576	0.064195026	0.003141	0.003193	0.000891	0.005684	0.001366	0.064195026	578705	4141576
579145.014141576.41	579145	4141576	0.026302133	0.000517	0.00138	0.010673	0.017809	0.00411	0.026302133	579145	4141576
579165.014141576.41	579165	4141576	0.023296483	0.000456	0.001265	0.008286	0.015131	0.003473	0.023296483	579165	4141576
579185.014141576.41	579185	4141576	0.020388909	0.000406	0.001033	0.006645	0.012904	0.002977	0.020388909	579185	4141576
579205.014141576.41	579205	4141576	0.018048711	0.000364	0.000874	0.005457	0.011144	0.002579	0.018048711	579205	4141576
579225.014141576.41	579225	4141576	0.016137084	0.000328	0.000763	0.004574	0.009733	0.002255	0.016137084	579225	4141576
579245.014141576.41	579245	4141576	0.014544908	0.000298	0.000684	0.003893	0.008575	0.001986	0.014544908	579245	4141576
579265.014141576.41	579265	4141576	0.013250647	0.000272	0.000638	0.00337	0.007646	0.001765	0.013250647	579265	4141576
578385.014141596.41	578385	4141596	0.002424988	7.9E-05	9E-05	0.000401	0.00065	0.000155	0.002424988	578385	4141596
578405.014141596.41	578405	4141596	0.002685576	8.87E-05	0.0001	0.00041	0.000705	0.000168	0.002685576	578405	4141596
578425.014141596.41	578425	4141596	0.002984921	1E-04	0.000112	0.00042	0.000767	0.000183	0.002984921	578425	4141596
578445.014141596.41	578445	4141596	0.003347964	0.000114	0.000127	0.000432	0.000839	0.0002	0.003347964	578445	4141596
578465.014141596.41	578465	4141596	0.003779881	0.000131	0.000145	0.000444	0.000921	0.00022	0.003779881	578465	4141596
578485.014141596.41	578485	4141596	0.00430765	0.000153	0.000168	0.000459	0.001017	0.000243	0.00430765	578485	4141596
578505.014141596.41	578505	4141596	0.004981353	0.000181	0.000197	0.000476	0.001133	0.000271	0.004981353	578505	4141596
578525.014141596.41	578525	4141596	0.005848258	0.000218	0.000236	0.000496	0.001274	0.000305	0.005848258	578525	4141596
578545.014141596.41	578545	4141596	0.006869856	0.000263	0.000283	0.000517	0.001427	0.000341	0.006869856	578545	4141596
578565.014141596.41	578565	4141596	0.008270818	0.000328	0.000349	0.000543	0.001621	0.000388	0.008270818	578565	4141596
578585.014141596.41	578585	4141596	0.010127653	0.000416	0.00044	0.000573	0.001854	0.000444	0.010127653	578585	4141596
578605.014141596.41	578605	4141596	0.0127058	0.000543	0.000569	0.000607	0.00214	0.000513	0.0127058	578605	4141596
578625.014141596.41	578625	4141596	0.016487797	0.000733	0.000762	0.000649	0.002502	0.0006	0.016487797	578625	4141596
578645.014141596.41	578645	4141596	0.022317009	0.001026	0.001059	0.000699	0.002972	0.000713	0.022317009	578645	4141596
578665.014141596.41	578665	4141596	0.031729317	0.001487	0.001525	0.000761	0.003604	0.000865	0.031729317	578665	4141596
578685.014141596.41	578685	4141596	0.046414891	0.00218	0.002225	0.000836	0.004464	0.001072	0.046414891	578685	4141596
578705.014141596.41	578705	4141596	0.066614313	0.003117	0.003171	0.000926	0.005663	0.00136	0.066614313	578705	4141596
578725.014141596.41	578725	4141596	0.094156262	0.004286	0.004353	0.001043	0.00756	0.001817	0.094156262	578725	4141596
578745.014141596.41	578745	4141596	0.132614702	0.00563	0.005717	0.001196	0.010831	0.002605	0.132614702	578745	4141596
579105.014141596.41	579105	4141596	0.028517692	0.000573	0.001492	0.013787	0.023996	0.005596	0.028517692	579105	4141596
579145.014141596.41	579145	4141596	0.022049481	0.000443	0.001118	0.008309	0.016455	0.003827	0.022049481	579145	4141596
579165.014141596.41	579165	4141596	0.019456109	0.000395	0.000933	0.006698	0.013906	0.003242	0.019456109	579165	4141596
579185.014141596.41	579185	4141596	0.017334939	0.000354	0.000802	0.005518	0.01192	0.002782	0.017334939	579185	4141596
579205.014141596.41	579205	4141596	0.015570624	0.00032	0.000707	0.004631	0.01034	0.002414	0.015570624	579205	4141596
579225.014141596.41	579225	4141596	0.014087284	0.000291	0.000637	0.003947	0.00906	0.002113	0.014087284	579225	4141596
579245.014141596.41	579245	4141596	0.012835582	0.000266	0.000587	0.003409	0.008011	0.001865	0.012835582	579245	4141596
579265.014141596.41	579265	4141596	0.011790727	0.000244	0.000559	0.002985	0.007159	0.00166	0.011790727	579265	4141596
579285.014141596.41	579285	4141596	0.01087288	0.000225	0.000541	0.002624	0.006414	0.001479	0.01087288	579285	4141596
579305.014141596.41	579305	4141596	0.010191464	0.000208	0.000556	0.002346	0.005845	0.001333	0.010191464	579305	4141596
579325.014141596.41	579325	4141596	0.009675462	0.000193	0.000602	0.002112	0.005384	0.001206	0.009675462	579325	4141596
579345.014141596.41	579345	4141596	0.009448001	0.000179	0.000717	0.001919	0.005073	0.0011	0.009448001	579345	4141596
578385.014141616.41	578385	4141616	0.002542283	8.4E-05	9.5E-05	0.000404	0.000664	0.000158	0.002542283	578385	4141616
578405.014141616.41	578405	4141616	0.002830974	9.49E-05	0.000107	0.000413	0.000722	0.000172	0.002830974	578405	4141616
578425.014141616.41	578425	4141616	0.003170896	0.000108	0.000121	0.000424	0.000788	0.000188	0.003170896	578425	4141616
578445.014141616.41	578445	4141616	0.003572643	0.000124	0.000137	0.000436	0.000863	0.000206	0.003572643	578445	4141616
578465.014141616.41	578465	4141616	0.004058535	0.000144	0.000158	0.000449	0.000949	0.000227	0.004058535	578465	4141616
578485.014141616.41	578485	4141616	0.004656451	0.000169	0.000184	0.000465	0.001049	0.000251	0.004656451	578485	4141616
578505.014141616.41	578505	4141616	0.005418188	0.000201	0.000218	0.000482	0.00117	0.00028	0.005418188	578505	4141616
578525.014141616.41	578525	4141616	0.006442668	0.000246	0.000264	0.000504	0.001321	0.000316	0.006442668	578525	4141616
578545.014141616.41	578545	4141616	0.007611898	0.000299	0.000319	0.000526	0.001478	0.000354	0.007611898	578545	4141616
578565.014141616.41	578565	4141616	0.009280034	0.000376	0.000398	0.000554	0.001684	0.000403	0.009280034	578565	4141616
578585.014141616.41	578585	4141616	0.011500112	0.000482	0.000506	0.000586	0.001929	0.000462	0.011500112	578585	4141616
578605.014141616.41	578605	4141616	0.014609766	0.000631	0.000658	0.000623	0.002232	0.000535	0.014609766	578605	4141616
578625.014141616.41	578625	4141616	0.019103849	0.000847	0.000877	0.000668	0.002613	0.000626	0.019103849	578625	4141616
578645.014141616.41	578645	4141616	0.025647709	0.001156	0.00119	0.000722	0.003092	0.000742	0.025647709	578645	4141616
578665.014141616.41	578665	4141616	0.035400802	0.001601	0.001641	0.000789	0.003734	0.000896	0.035400802	578665	4141616
578685.014141616.41	578685	4141616	0.049350332	0.002209	0.002256	0.000872	0.004616	0.001108	0.049350332	578685	4141616
578705.014141616.41	578705	4141616	0.06800854	0.002966	0.003022	0.000977	0.005858	0.001407	0.06800854	578705	4141616
578725.014141616.41	578725	4141616	0.092182439	0.003814	0.003885	0.001106	0.007666	0.001842	0.092182439	578725	4141616
578745.014141616.41	578745	4141616	0.124888849	0.004737	0.004828	0.001276	0.010602	0.002549	0.124888849	578745	4141616
579065.014141616.41	579065	4141616	0.029516675	0.000618	0.001323	0.0168	0.033603	0.007978	0.033602827	579065	4141616
579085.014141616.41	579085	4141616	0.026229897	0.000536	0.001302	0.01234	0.026599	0.006264	0.026599424	579085	4141616
579105.014141616.41	579105	4141616	0.023312857	0.000471	0.0012	0.00956	0.02157	0.005054	0.023312857	579105	4141616
579125.014141616.41	579125	4141616	0.020531707	0.000419	0.000995	0.007694	0.017764	0.004168	0.020531707	579125	4141616
579165.014141616.41	579165	4141616	0.016373128	0.000339	0.000736	0.00528	0.012646	0.00297	0.016373128	579165	4141616
579185.014141616.41	579185	4141616	0.014789301	0.000307	0.000654	0.004481	0.0109	0.002559	0.014789301	579185	4141616
579205.014141616.41	579205	4141616	0.013437595	0.00028	0.000591	0.003848	0.009491	0.002226	0.013437595	579205	4141616
579225.014141616.41	579225	4141616	0.012280575	0.000257	0.000544	0.003343	0.008339	0.001953	0.012280575	579225	4141616
579245.014141616.41	579245	4141616	0.011290955	0.000236	0.000511	0.002934	0.007397	0.001727	0.011290955	579245	4141616
579265.014141616.41	579265	4141616	0.01045068	0.000218	0.000493	0.002601	0.006621	0.001539	0.01045068	579265	4141616
579285.014141616.41	579285	4141616	0.009681484	0.000201	0.000481	0.002309	0.005939	0.001372	0.009681484	579285	4141616
579305.014141616.41	579305	4141616	0.00912388	0.000187	0.000497	0.002085	0.005419	0.001239	0.00912388	579305	4141616
579325.014141616.41	579325	4141616	0.008716649	0.000175	0.00054	0.001896	0.005005	0.001125	0.008716649	579325	4141616
579345.014141616.41	579345	4141616	0.008532584	0.000163	0.00064	0.001738	0.004717	0.001028	0.008532584	579345	4141616
578385.014141636.41	578385	4141636	0.002688016	9.02E-05	0.000101	0.000407	0.000679	0.000162	0.002688016	578385	4141636
578405.014141636.41	578405	4141636	0.003006112	0.000102	0.000114	0.000417	0.00074	0.000177	0.003006112	578405	4141636
578425.014141636.41	578425	4141636	0.003384922	0.000117	0.00013	0.000428	0.000809	0.000193	0.003384922	578425	4141636
578445.014141636.41	578445	4141636	0.003843689	0.000136	0.000149	0.000441	0.000888	0.000212	0.003843689	578445	4141636
578465.014141636.41	578465	4141636	0.004402748	0.000159	0.000174	0.000455	0.00098	0.000234	0.004402748	578465	4141636
578485.014141636.41	578485	4141636	0.005082031	0.000188	0.000203	0.000471	0.001084	0.000259	0.005082031	578485	4141636
578505.014141636.41	578505	4141636	0.00595212	0.000225	0.000242	0.00049	0.00121	0.000289	0.00595212	578505	4141636
578525.014141636.41	578525	4141636	0.007082333	0.000275	0.000294	0.000512	0.001361	0.000326	0.007082333	578525	4141636
578545.014141636.41	578545	4141636	0.008502427	0.000339	0.000359	0.000537	0.001534	0.000367	0.008502427	578545	4141636
578565.014141636.41	578565	4141636	0.010429248	0.000427	0.000449	0.000567	0.00175	0.000419	0.010429248	578565	4141636
578585.014141636.41	578585	4141636	0.013075427	0.000549	0.000573	0.000602	0.002018	0.000484	0.013075427	578585	4141636
578605.014141636.41	578605	4141636	0.016674631	0.000714	0.000741	0.000644	0.002344	0.000562	0.016674631	578605	4141636
578625.014141636.41	578625	4141636	0.021646809	0.000938	0.000969	0.000693	0.002747	0.000659	0.021646809	578625	4141636
578645.014141636.41	578645	4141636	0.028639951	0.001244	0.001279	0.000753	0.003268	0.000784	0.028639951	578645	4141636
578665.014141636.41	578665	4141636	0.038194715	0.001642	0.001683	0.000827	0.003948	0.000948	0.038194715	578665	4141636
578685.014141636.41	578685	4141636	0.051121607	0.002142	0.00219	0.000921	0.004892	0.001175	0.051121607	578685	4141636
578705.014141636.41	578705	4141636	0.068002301	0.002717	0.002776	0.001042	0.006222	0.001495	0.068002301	578705	4141636
578725.014141636.41	578725	4141636	0.089340801	0.003305	0.003378	0.001191	0.008101	0.001947	0.089340801	578725	4141636
579045.014141636.41	579045	4141636	0.027756779	0.000563	0.001393	0.014629	0.036965	0.008763	0.036965196	579045	4141636
579065.014141636.41	579065	4141636	0.024418116	0.00049	0.001279	0.010777	0.028794	0.006791	0.028794438	579065	4141636
579085.014141636.41	579085	4141636	0.021330319	0.000433	0.001044	0.00838	0.022972	0.005423	0.022972279	579085	4141636
579105.014141636.41	579105	4141636	0.018887457	0.000387	0.000882	0.006771	0.018758	0.004429	0.018887457	579105	4141636
579125.014141636.41	579125	4141636	0.016891912	0.000349	0.000761	0.005621	0.015595	0.003682	0.016891912	579125	4141636
579165.014141636.41	579165	4141636	0.013836019	0.000289	0.000602	0.004118	0.011309	0.002667	0.013836019	579165	4141636
579185.014141636.41	579185	4141636	0.012628873	0.000265	0.000544	0.003586	0.009788	0.002306	0.012628873	579185	4141636
579205.014141636.41	579205	4141636	0.011589655	0.000244	0.000502	0.003152	0.008568	0.002015	0.011589655	579205	4141636
579225.014141636.41	579225	4141636	0.010688196	0.000225	0.00047	0.002792	0.007567	0.001776	0.010688196	579225	4141636
579245.014141636.41	579245	4141636	0.009911387	0.000209	0.000449	0.002495	0.006745	0.001578	0.009911387	579245	4141636
579265.014141636.41	579265	4141636	0.00923475	0.000194	0.000437	0.00224	0.006053	0.001409	0.00923475	579265	4141636
579285.014141636.41	579285	4141636	0.008642839	0.00018	0.000435	0.002023	0.005469	0.001264	0.008642839	579285	4141636
579305.014141636.41	579305	4141636	0.008184313	0.000169	0.000451	0.001845	0.005001	0.001144	0.008184313	579305	4141636
579325.014141636.41	579325	4141636	0.007837075	0.000158	0.000488	0.001692	0.00462	0.00104	0.007837075	579325	4141636
579345.014141636.41	579345	4141636	0.0076494	0.000148	0.000562	0.001561	0.004334	0.000951	0.0076494	579345	4141636
578385.014141656.41	578385	4141656	0.002867895	9.77E-05	0.000109	0.000411	0.000698	0.000166	0.002867895	578385	4141656
578405.014141656.41	578405	4141656	0.003223239	0.000112	0.000124	0.000421	0.000761	0.000182	0.003223239	578405	4141656
578425.014141656.41	578425	4141656	0.003641154	0.000128	0.000141	0.000433	0.000831	0.000199	0.003641154	578425	4141656
578445.014141656.41	578445	4141656	0.004156557	0.00015	0.000163	0.000447	0.000914	0.000218	0.004156557	578445	4141656
578465.014141656.41	578465	4141656	0.004808046	0.000177	0.000191	0.000462	0.001013	0.000242	0.004808046	578465	4141656
578485.014141656.41	578485	4141656	0.005593746	0.00021	0.000226	0.00048	0.001125	0.000269	0.005593746	578485	4141656
578505.014141656.41	578505	4141656	0.006630307	0.000255	0.000272	0.000501	0.001264	0.000302	0.006630307	578505	4141656
578525.014141656.41	578525	4141656	0.007881151	0.000309	0.000328	0.000524	0.001417	0.000339	0.007881151	578525	4141656
578545.014141656.41	578545	4141656	0.009526524	0.000382	0.000402	0.000551	0.001604	0.000384	0.009526524	578545	4141656
578565.014141656.41	578565	4141656	0.011719775	0.000478	0.000501	0.000583	0.001835	0.00044	0.011719775	578565	4141656
578585.014141656.41	578585	4141656	0.01465406	0.000607	0.000632	0.000621	0.002119	0.000508	0.01465406	578585	4141656
578605.014141656.41	578605	4141656	0.018607275	0.000777	0.000805	0.000668	0.002475	0.000593	0.018607275	578605	4141656
578625.014141656.41	578625	4141656	0.023986261	0.001001	0.001033	0.000725	0.002933	0.000704	0.023986261	578625	4141656
578645.014141656.41	578645	4141656	0.031007961	0.001281	0.001316	0.000793	0.003508	0.000842	0.031007961	578645	4141656
578665.014141656.41	578665	4141656	0.040145368	0.001618	0.00166	0.000877	0.004268	0.001025	0.040145368	578665	4141656
578685.014141656.41	578685	4141656	0.052236877	0.002015	0.002065	0.000989	0.005357	0.001287	0.052236877	578685	4141656
578705.014141656.41	578705	4141656	0.066870885	0.002412	0.002473	0.001125	0.00681	0.001637	0.066870885	578705	4141656
578725.014141656.41	578725	4141656	0.08573653	0.002789	0.002864	0.001305	0.008991	0.002162	0.08573653	578725	4141656
579005.014141656.41	579005	4141656	0.029316982	0.000589	0.001217	0.017187	0.04907	0.011747	0.049070445	579005	4141656
579025.014141656.41	579025	4141656	0.025998092	0.000505	0.001361	0.012477	0.037498	0.008886	0.037498306	579025	4141656
579045.014141656.41	579045	4141656	0.022292341	0.000441	0.001088	0.009291	0.029191	0.006922	0.029191376	579045	4141656
579065.014141656.41	579065	4141656	0.019509093	0.000392	0.000909	0.007261	0.023354	0.005538	0.023353729	579065	4141656
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578405.014141676.41	578405	4141676	0.003473715	0.000122	0.000134	0.000427	0.000784	0.000187	0.003473715	578405	4141676
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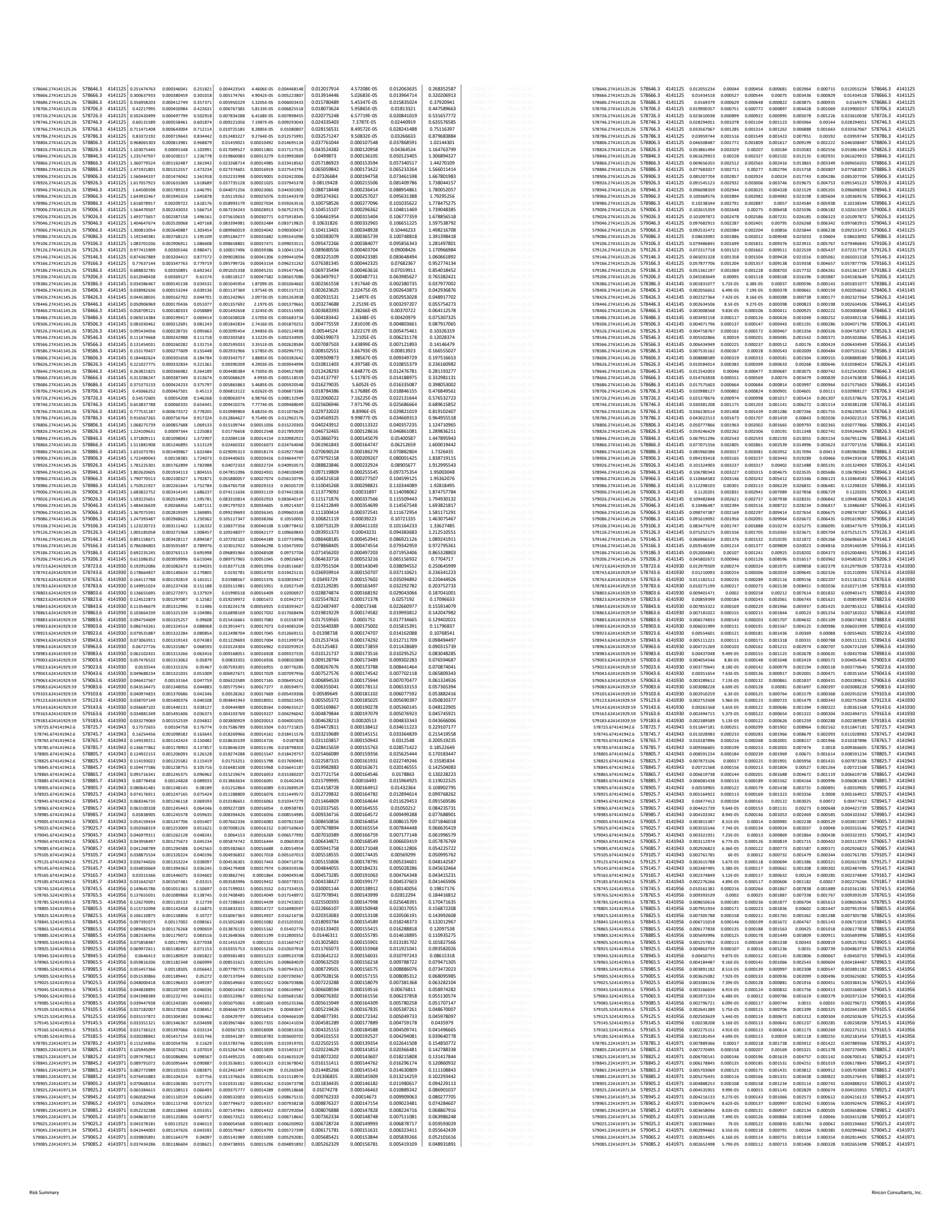




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578950.544142001.46	578950.5	4142001	0.003660011	8.11E-05	0.000126	0.000926	0.002145	0.000509	0.003660011	578950.5	4142001
578970.544142001.46	578970.5	4142001	0.003423915	7.57E-05	0.000121	0.000874	0.001968	0.000466	0.003423915	578970.5	4142001
578990.544142001.46	578990.5	4142001	0.003206608	7.08E-05	0.000117	0.000829	0.001807	0.000427	0.003206608	578990.5	4142001
579010.544142001.46	579010.5	4142001	0.003006821	6.63E-05	0.000113	0.000788	0.001661	0.000392	0.003006821	579010.5	4142001
579030.544142001.46	579030.5	4142001	0.002823815	6.22E-05	0.000109	0.00075	0.001531	0.00036	0.002823815	579030.5	4142001
579050.544142001.46	579050.5	4142001	0.00265716	5.85E-05	0.000106	0.000715	0.001416	0.000332	0.00265716	579050.5	4142001
579070.544142001.46	579070.5	4142001	0.002505998	5.51E-05	0.000104	0.000683	0.001314	0.000307	0.002505998	579070.5	4142001
579090.544142001.46	579090.5	4142001	0.002369697	5.2E-05	0.000102	0.000653	0.001225	0.000285	0.002369697	579090.5	4142001
579110.544142001.46	579110.5	4142001	0.00224722	4.92E-05	0.000101	0.000625	0.001147	0.000266	0.00224722	579110.5	4142001
579130.544142001.46	579130.5	4142001	0.002137492	4.66E-05	9.97E-05	0.0006	0.001079	0.000249	0.002137492	579130.5	4142001
579150.544142001.46	579150.5	4142001	0.002039852	4.44E-05	9.93E-05	0.000577	0.001021	0.000234	0.002039852	579150.5	4142001
579170.544142001.46	579170.5	4142001	0.001953242	4.23E-05	9.94E-05	0.000556	0.000969	0.000221	0.001953242	579170.5	4142001
579190.544142001.46	579190.5	4142001	0.001877025	4.04E-05	0.0001	0.000537	0.000925	0.00021	0.001877025	579190.5	4142001

Cubberley Community Center Master Plan - Mitigation

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

Maximum Non-cancer Chronic Hazards / Toxicological Endpoints*

Receptor Group	Pollutant	CREL[1]	CONC	WFrac	$CONC_{WF}$	HI		ALIM	BN	CVS	DEV	ENDC	EYE	HEM	IMMUN	KIDN	NS	REPRO	RESP	SK
Project:																				
MEI - Max	DPM	5.00E+00	4.90E-01	1.00E+00	4.90E-01	0.098		-	-	-	-	-	-	-	-	-	-	-	9.79E-02	-
							Total Risk				-			-				-		
							Threshold				1.00			1.00				1.00	1.00	
							Over?				NO			NO				NO	NO	

Notes:

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

Source: ESA, 2020

Where:

$CONC_{WF}$	Pollutant Concentration ($\mu g/m^3$) multiplied by the weight fraction
CREL	Chronic Reference Exposure Level
HI	Hazard Index
MEI	Maximally Exposed Individual
WFrac	Weight fraction of speciated component

* Key to Toxicological Endpoints

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

			Phase I					
XY	X	Y	Demolition	Grading	New Building Construction	Renovation Building Construction	Paving	Architectural Coating
578385.014141176.4	578385	4141176	0.10182	0.0684	0.06907	0.03691	0.08655	0.05362
578405.014141176.4	578405	4141176	0.11345	0.07755	0.07836	0.04032	0.09922	0.06007
578425.014141176.4	578425	4141176	0.12743	0.0887	0.08974	0.04433	0.11482	0.06787
578445.014141176.4	578445	4141176	0.14545	0.10247	0.10582	0.05012	0.13673	0.0774
578465.014141176.4	578465	4141176	0.16489	0.11841	0.12259	0.05441	0.15972	0.08833
578485.014141176.4	578485	4141176	0.18862	0.13811	0.14336	0.06075	0.18805	0.10174
578505.014141176.4	578505	4141176	0.22094	0.16283	0.16948	0.06981	0.22345	0.11847
578525.014141176.4	578525	4141176	0.25606	0.19232	0.20106	0.07886	0.26595	0.13829
578545.014141176.4	578545	4141176	0.29935	0.23259	0.24071	0.08979	0.31884	0.16563
578565.014141176.4	578565	4141176	0.35028	0.27644	0.2882	0.10239	0.38172	0.19176
578585.014141176.4	578585	4141176	0.41277	0.33062	0.34747	0.1176	0.45962	0.23083
578605.014141176.4	578605	4141176	0.48837	0.39667	0.42039	0.13567	0.5549	0.2745
578625.014141176.4	578625	4141176	0.5783	0.47591	0.50856	0.1568	0.66955	0.32162
578645.014141176.4	578645	4141176	0.68777	0.56392	0.61761	0.1821	0.81069	0.38407
578665.014141176.4	578665	4141176	0.8248	0.69552	0.75629	0.21325	0.98899	0.46278
578685.014141176.4	578685	4141176	0.99699	0.84966	0.93302	0.2517	1.21349	0.57108
578705.014141176.4	578705	4141176	1.20397	1.03413	1.14736	0.29712	1.48004	0.6912
578725.014141176.4	578725	4141176	1.45679	1.25598	1.40927	0.35178	1.79532	0.83584
578745.014141176.4	578745	4141176	1.76934	1.522	1.72922	0.41874	2.16272	1.01019
578765.014141176.4	578765	4141176	2.13959	1.82273	2.0971	0.49797	2.55891	1.20954
578785.014141176.4	578785	4141176	2.58713	2.16251	2.51986	0.59498	2.97764	1.43923
578805.014141176.4	578805	4141176	3.1132	2.52753	2.97966	0.71257	3.38529	1.69401
578825.014141176.4	578825	4141176	3.72529	2.90619	3.459	0.85702	3.75146	1.97174
578845.014141176.4	578845	4141176	4.4141	3.27485	3.92229	1.03353	4.03587	2.26352
578865.014141176.4	578865	4141176	5.12558	3.58824	4.30626	1.23791	4.18936	2.54372
578885.014141176.4	578885	4141176	5.8611	3.84121	4.59712	1.48245	4.21641	2.8157
578905.014141176.4	578905	4141176	6.57538	4.00992	4.76054	1.76796	4.11691	3.06553
578925.014141176.4	578925	4141176	7.23841	4.08831	4.78744	2.09922	3.91622	3.28891
578945.014141176.4	578945	4141176	7.81783	4.07738	4.68237	2.4783	3.64765	3.48208
578965.014141176.4	578965	4141176	8.24705	3.97115	4.44943	2.88478	3.33297	3.62583
578985.014141176.4	578985	4141176	8.5056	3.78845	4.12277	3.30615	3.00432	3.71951
579005.014141176.4	579005	4141176	8.55989	3.54272	3.73224	3.70866	2.67893	3.75245
579025.014141176.4	579025	4141176	8.43036	3.26575	3.32519	4.071	2.3798	3.73384
579045.014141176.4	579045	4141176	8.11666	2.97269	2.92755	4.34494	2.11036	3.65592
579065.014141176.4	579065	4141176	7.63439	2.67473	2.55508	4.4845	1.86895	3.51219
579085.014141176.4	579085	4141176	7.01475	2.37951	2.21424	4.46268	1.65159	3.30187
579105.014141176.4	579105	4141176	6.32265	2.10113	1.91472	4.29353	1.45999	3.04401
579125.014141176.4	579125	4141176	5.61049	1.8458	1.65628	4.00761	1.29198	2.75727
579145.014141176.4	579145	4141176	4.91873	1.61604	1.43509	3.64594	1.14477	2.46034
579165.014141176.4	579165	4141176	4.27	1.41083	1.24509	3.24602	1.01489	2.16712
579185.014141176.4	579185	4141176	3.70326	1.23633	1.08814	2.85687	0.90459	1.90046
579205.014141176.4	579205	4141176	3.20107	1.08372	0.95361	2.48613	0.80748	1.65663
579225.014141176.4	579225	4141176	2.77165	0.95345	0.84036	2.15336	0.72357	1.44301
578385.014141196.4	578385	4141196	0.10048	0.06726	0.06785	0.03661	0.08506	0.05287
578405.014141196.4	578405	4141196	0.11179	0.07621	0.07689	0.03992	0.09753	0.05917
578425.014141196.4	578425	4141196	0.12548	0.08721	0.08804	0.04385	0.11299	0.06683
578445.014141196.4	578445	4141196	0.14162	0.10043	0.1035	0.04836	0.13437	0.07594
578465.014141196.4	578465	4141196	0.16223	0.11663	0.12035	0.05367	0.15785	0.08701
578485.014141196.4	578485	4141196	0.18595	0.13661	0.14123	0.06119	0.18687	0.10054
578505.014141196.4	578505	4141196	0.2147	0.16114	0.16706	0.06875	0.22262	0.11702
578525.014141196.4	578525	4141196	0.25322	0.19169	0.19945	0.07781	0.26717	0.13739
578545.014141196.4	578545	4141196	0.29653	0.23286	0.23969	0.08856	0.32207	0.16508
578565.014141196.4	578565	4141196	0.34936	0.2794	0.2898	0.10139	0.38988	0.19579
578585.014141196.4	578585	4141196	0.41342	0.33637	0.35182	0.11661	0.47314	0.2332
578605.014141196.4	578605	4141196	0.49051	0.40557	0.42788	0.13455	0.57455	0.27841
578625.014141196.4	578625	4141196	0.58474	0.48357	0.5226	0.15605	0.70014	0.32865
578645.014141196.4	578645	4141196	0.70382	0.5997	0.64456	0.18274	0.86098	0.40445
578665.014141196.4	578665	4141196	0.85384	0.73778	0.80114	0.21571	1.06593	0.49357
578685.014141196.4	578685	4141196	1.03468	0.90492	0.99287	0.25459	1.31358	0.60111
578705.014141196.4	578705	4141196	1.25821	1.1107	1.2324	0.30172	1.61629	0.73328
578725.014141196.4	578725	4141196	1.53503	1.36156	1.5296	0.35909	1.97923	0.89455
578745.014141196.4	578745	4141196	1.87875	1.66327	1.89433	0.42948	2.40288	1.08947
578765.014141196.4	578765	4141196	2.30351	2.01735	2.33136	0.51628	2.87668	1.3208
578785.014141196.4	578785	4141196	2.80771	2.40801	2.82212	0.6205	3.36217	1.58125
578805.014141196.4	578805	4141196	3.41166	2.83224	3.36255	0.74944	3.83619	1.8736
578825.014141196.4	578825	4141196	4.10707	3.26265	3.91383	0.90676	4.24456	2.18634
578845.014141196.4	578845	4141196	4.89152	3.67695	4.44012	1.10072	4.54632	2.51312

578865.014141196.4	578865	4141196	5.73228	4.03839	4.88535	1.33602	4.69948	2.83776
578885.014141196.4	578885	4141196	6.56355	4.30345	5.18742	1.60977	4.67867	3.13529
578905.014141196.4	578905	4141196	7.37357	4.47005	5.33709	1.93516	4.5139	3.4093
578925.014141196.4	578925	4141196	8.12086	4.53004	5.32319	2.31718	4.23974	3.65322
578945.014141196.4	578945	4141196	8.75456	4.4817	5.15018	2.75361	3.89595	3.85781
578965.014141196.4	578965	4141196	9.22355	4.3326	4.84046	3.23267	3.51942	4.01322
578985.014141196.4	578985	4141196	9.4572	4.08778	4.41893	3.71557	3.13042	4.09757
579005.014141196.4	579005	4141196	9.48391	3.7924	3.9524	4.19548	2.76851	4.12977
579025.014141196.4	579025	4141196	9.29334	3.46946	3.48223	4.62361	2.44408	4.10341
579045.014141196.4	579045	4141196	8.86135	3.1254	3.02558	4.91896	2.15028	3.99434
579065.014141196.4	579065	4141196	8.25011	2.78709	2.61316	5.04581	1.89374	3.81269
579085.014141196.4	579085	4141196	7.47612	2.45138	2.23739	4.96096	1.66126	3.54561
579105.014141196.4	579105	4141196	6.63943	2.14066	1.91413	4.70157	1.4588	3.22763
579125.014141196.4	579125	4141196	5.80962	1.86274	1.64237	4.31814	1.28444	2.88642
579145.014141196.4	579145	4141196	5.03955	1.62113	1.41749	3.87225	1.13578	2.54884
579165.014141196.4	579165	4141196	4.33434	1.40824	1.22638	3.40106	1.00548	2.22332
579185.014141196.4	579185	4141196	3.71083	1.22371	1.06499	2.94346	0.89191	1.92403
579205.014141196.4	579205	4141196	3.18138	1.06779	0.93106	2.52992	0.79473	1.66207
579225.014141196.4	579225	4141196	2.73899	0.93688	0.8198	2.17051	0.71165	1.43817
579245.014141196.4	579245	4141196	2.37312	0.8274	0.72732	1.86638	0.64076	1.24992
578385.014141216.4	578385	4141216	0.09936	0.06619	0.06673	0.03642	0.08358	0.05221
578405.014141216.4	578405	4141216	0.11038	0.07495	0.07553	0.03965	0.09584	0.05836
578425.014141216.4	578425	4141216	0.12353	0.08559	0.08625	0.04341	0.1109	0.06575
578445.014141216.4	578445	4141216	0.13927	0.09858	0.10136	0.0478	0.13204	0.07468
578465.014141216.4	578465	4141216	0.15958	0.11468	0.11798	0.0541	0.15558	0.08564
578485.014141216.4	578485	4141216	0.18287	0.13455	0.13858	0.06035	0.1848	0.09903
578505.014141216.4	578505	4141216	0.21098	0.15893	0.1641	0.0677	0.22091	0.1153
578525.014141216.4	578525	4141216	0.24981	0.19376	0.19705	0.07672	0.26727	0.1361
578545.014141216.4	578545	4141216	0.29344	0.2327	0.23812	0.0874	0.32467	0.16433
578565.014141216.4	578565	4141216	0.34709	0.28114	0.28986	0.10018	0.39639	0.19599
578585.014141216.4	578585	4141216	0.41301	0.34132	0.35493	0.1155	0.48586	0.23508
578605.014141216.4	578605	4141216	0.49277	0.41498	0.43546	0.13358	0.59573	0.28265
578625.014141216.4	578625	4141216	0.59284	0.50833	0.53871	0.15577	0.73566	0.34265
578645.014141216.4	578645	4141216	0.72047	0.62858	0.67333	0.18346	0.91697	0.41957
578665.014141216.4	578665	4141216	0.87671	0.77729	0.84167	0.21654	1.14178	0.51426
578685.014141216.4	578685	4141216	1.07303	0.96506	1.05719	0.25716	1.42567	0.6334
578705.014141216.4	578705	4141216	1.31449	1.19551	1.32577	0.30595	1.77137	0.77931
578725.014141216.4	578725	4141216	1.61733	1.48	1.66392	0.3659	2.19111	0.95952
578745.014141216.4	578745	4141216	1.9996	1.82716	2.08607	0.44046	2.68783	1.18045
578765.014141216.4	578765	4141216	2.47944	2.23926	2.59912	0.5336	3.24826	1.44558
578785.014141216.4	578785	4141216	3.0632	2.70186	3.1869	0.64811	3.82963	1.7494
578805.014141216.4	578805	4141216	3.75274	3.19243	3.81953	0.78789	4.37701	2.08296
578825.014141216.4	578825	4141216	4.55677	3.69043	4.46551	0.96134	4.83968	2.44104
578845.014141216.4	578845	4141216	5.45937	4.1591	5.06772	1.17587	5.15638	2.80964
578925.014141216.4	578925	4141216	9.14745	5.02921	5.92956	2.56418	4.57957	4.06925
578945.014141216.4	578945	4141216	9.83385	4.92825	5.66387	3.06649	4.14336	4.28222
578965.014141216.4	578965	4141216	10.36343	4.73201	5.26438	3.64314	3.70286	4.45843
578985.014141216.4	578985	4141216	10.61202	4.43197	4.74848	4.23187	3.26411	4.55504
579005.014141216.4	579005	4141216	10.5816	4.07079	4.18593	4.80144	2.85897	4.57898
579025.014141216.4	579025	4141216	10.25974	3.67558	3.62495	5.28141	2.49591	4.5193
579045.014141216.4	579045	4141216	9.67997	3.27557	3.10661	5.59995	2.17973	4.37329
579065.014141216.4	579065	4141216	8.89545	2.88868	2.64949	5.69354	1.90666	4.13802
579085.014141216.4	579085	4141216	7.94905	2.51487	2.24549	5.5263	1.66385	3.80742
579105.014141216.4	579105	4141216	6.95237	2.17336	1.90352	5.15061	1.45358	3.42042
579125.014141216.4	579125	4141216	6.00414	1.87662	1.62434	4.65185	1.2762	3.02111
579145.014141216.4	579145	4141216	5.13526	1.61896	1.39311	4.0956	1.12392	2.63028
579165.014141216.4	579165	4141216	4.35571	1.39441	1.1982	3.53115	0.9908	2.26174
579185.014141216.4	579185	4141216	3.69424	1.20577	1.03821	3.01219	0.87751	1.93698
579205.014141216.4	579205	4141216	3.14812	1.04949	0.90745	2.56154	0.78178	1.66116
579225.014141216.4	579225	4141216	2.70247	0.92044	0.80026	2.18279	0.70086	1.43143
579245.014141216.4	579245	4141216	2.32859	0.81062	0.7094	1.85953	0.63021	1.23591
578385.014141236.4	578385	4141236	0.09817	0.06497	0.06551	0.03622	0.08181	0.05147
578405.014141236.4	578405	4141236	0.11011	0.07376	0.07582	0.04025	0.09598	0.05765
578425.014141236.4	578425	4141236	0.12287	0.08407	0.08634	0.04311	0.11096	0.0648
578445.014141236.4	578445	4141236	0.13828	0.09679	0.09933	0.04739	0.12961	0.07353
578465.014141236.4	578465	4141236	0.15692	0.11253	0.11546	0.05347	0.15287	0.08421
578485.014141236.4	578485	4141236	0.17963	0.13212	0.13562	0.05955	0.18203	0.09735
578505.014141236.4	578505	4141236	0.21113	0.15744	0.16169	0.06699	0.21969	0.11418
578525.014141236.4	578525	4141236	0.24669	0.19243	0.1946	0.07584	0.26713	0.13752
578545.014141236.4	578545	4141236	0.28943	0.23147	0.23531	0.08614	0.32557	0.163
578565.014141236.4	578565	4141236	0.3434	0.28145	0.28815	0.09879	0.40079	0.19535
578585.014141236.4	578585	4141236	0.41131	0.34514	0.35646	0.11426	0.4972	0.2363
578605.014141236.4	578605	4141236	0.49384	0.42368	0.4417	0.1325	0.61657	0.28644

578625.014141236.4	578625	4141236	0.59766	0.52368	0.55168	0.15484	0.76937	0.34993
578645.014141236.4	578645	4141236	0.73069	0.65336	0.69622	0.18276	0.96876	0.43181
578665.014141236.4	578665	4141236	0.89774	0.8181	0.88228	0.21686	1.22309	0.5353
578685.014141236.4	578685	4141236	1.10947	1.02842	1.12348	0.25892	1.54803	0.66685
578705.014141236.4	578705	4141236	1.37437	1.29133	1.43033	0.31012	1.95137	0.83086
578725.014141236.4	578725	4141236	1.70904	1.61842	1.82053	0.3732	2.44463	1.03491
578745.014141236.4	578745	4141236	2.13143	2.01701	2.30804	0.45129	3.02646	1.2846
578765.014141236.4	578765	4141236	2.66908	2.49471	2.90806	0.54986	3.68769	1.58703
578785.014141236.4	578785	4141236	3.34901	3.04763	3.61935	0.6757	4.39179	1.94431
578805.014141236.4	578805	4141236	4.15027	3.62601	4.37553	0.82896	5.03711	2.33182
578825.014141236.4	578825	4141236	5.09095	4.2087	5.14181	1.02134	5.56491	2.74608
578945.014141236.4	578945	4141236	11.13197	5.44073	6.24604	3.44452	4.39869	4.78444
578965.014141236.4	578965	4141236	11.66634	5.1583	5.70557	4.11226	3.86669	4.95619
578985.014141236.4	578985	4141236	11.95114	4.8002	5.08445	4.84801	3.38367	5.07872
579005.014141236.4	579005	4141236	11.83408	4.35802	4.40659	5.52759	2.9328	5.08906
579025.014141236.4	579025	4141236	11.36767	3.88985	3.75522	6.08827	2.53889	5.00195
579045.014141236.4	579045	4141236	10.58474	3.42267	3.16774	6.42006	2.19919	4.80345
579065.014141236.4	579065	4141236	9.56439	2.97641	2.66036	6.44531	1.90763	4.49091
579085.014141236.4	579085	4141236	8.43162	2.5701	2.23913	6.16998	1.66081	4.09069
579105.014141236.4	579105	4141236	7.26172	2.20061	1.88498	5.64503	1.44612	3.62462
579125.014141236.4	579125	4141236	6.16135	1.87891	1.59503	4.98744	1.26295	3.14675
579145.014141236.4	579145	4141236	5.1796	1.60377	1.35786	4.29357	1.10651	2.69205
579165.014141236.4	579165	4141236	4.34919	1.37491	1.16641	3.64219	0.97477	2.28864
579185.014141236.4	579185	4141236	3.65866	1.1846	1.01003	3.06419	0.86281	1.94121
579205.014141236.4	579205	4141236	3.09849	1.02842	0.88285	2.57668	0.76839	1.65206
579225.014141236.4	579225	4141236	2.64989	0.90096	0.77942	2.17814	0.68907	1.41617
579245.014141236.4	579245	4141236	2.27434	0.79232	0.69132	1.84076	0.61929	1.21634
578385.014141256.4	578385	4141256	0.09742	0.06399	0.06459	0.03618	0.08025	0.05094
578405.014141256.4	578405	4141256	0.10888	0.07246	0.07455	0.04007	0.09399	0.0569
578425.014141256.4	578425	4141256	0.12164	0.08279	0.08495	0.04379	0.10894	0.06408
578445.014141256.4	578445	4141256	0.13653	0.09512	0.09747	0.04802	0.12713	0.07252
578465.014141256.4	578465	4141256	0.1545	0.11038	0.113	0.05298	0.14991	0.08285
578485.014141256.4	578485	4141256	0.17672	0.12972	0.13271	0.05892	0.17897	0.09579
578505.014141256.4	578505	4141256	0.20766	0.158	0.1584	0.0662	0.21691	0.11248
578525.014141256.4	578525	4141256	0.24236	0.1897	0.19069	0.07478	0.26467	0.13553
578545.014141256.4	578545	4141256	0.28475	0.22928	0.23144	0.08489	0.3248	0.16117
578565.014141256.4	578565	4141256	0.33884	0.28063	0.28506	0.09738	0.40339	0.19413
578585.014141256.4	578585	4141256	0.40791	0.34727	0.35575	0.11283	0.50612	0.23656
578605.014141256.4	578605	4141256	0.49425	0.43196	0.44691	0.13149	0.6375	0.29005
578625.014141256.4	578625	4141256	0.60092	0.53837	0.56296	0.15377	0.80342	0.35678
578645.014141256.4	578645	4141256	0.73722	0.67632	0.71563	0.18139	1.01987	0.44274
578665.014141256.4	578665	4141256	0.91554	0.85911	0.92121	0.21648	1.30851	0.55602
578685.014141256.4	578685	4141256	1.14188	1.09354	1.18931	0.25958	1.67918	0.70056
578705.014141256.4	578705	4141256	1.43532	1.39753	1.54443	0.31375	2.15745	0.88734
578725.014141256.4	578725	4141256	1.80523	1.77546	1.99669	0.37993	2.74131	1.11941
578745.014141256.4	578745	4141256	2.27864	2.24159	2.57062	0.46256	3.43748	1.40667
578765.014141256.4	578765	4141256	2.88738	2.80316	3.28317	0.56739	4.23007	1.75624
578785.014141256.4	578785	4141256	3.66299	3.45262	4.12966	0.70176	5.06807	2.16882
578805.014141256.4	578805	4141256	4.62229	4.15722	5.06485	0.8738	5.85668	2.63315
578965.014141256.4	578965	4141256	13.24019	5.63957	6.18667	4.69	4.02494	5.54876
578985.014141256.4	578985	4141256	13.47429	5.17611	5.40213	5.56601	3.47283	5.66238
579005.014141256.4	579005	4141256	13.31008	4.66526	4.61915	6.43384	2.99626	5.69166
579025.014141256.4	579025	4141256	12.63118	4.1063	3.86178	7.08442	2.5691	5.56182
579045.014141256.4	579045	4141256	11.59401	3.56802	3.20802	7.42605	2.2106	5.30162
579065.014141256.4	579065	4141256	10.29691	3.06399	2.6598	7.35127	1.90658	4.89873
579085.014141256.4	579085	4141256	8.90916	2.6139	2.21606	6.8966	1.65181	4.39356
579105.014141256.4	579105	4141256	7.51392	2.20863	1.84683	6.15353	1.42991	3.81722
579125.014141256.4	579125	4141256	6.25996	1.86635	1.55318	5.30473	1.24408	3.25313
579145.014141256.4	579145	4141256	5.19104	1.58248	1.31918	4.47226	1.08837	2.74157
579165.014141256.4	579165	4141256	4.31386	1.35044	1.13232	3.72896	0.95804	2.30266
579185.014141256.4	579185	4141256	3.60742	1.16149	0.98194	3.09967	0.84862	1.93773
579205.014141256.4	579205	4141256	3.03773	1.00618	0.85887	2.57783	0.75549	1.63679
579225.014141256.4	579225	4141256	2.58174	0.87884	0.75789	2.15459	0.67634	1.39208
579245.014141256.4	579245	4141256	2.2137	0.7734	0.67395	1.81167	0.60839	1.19244
579265.014141256.4	579265	4141256	1.91283	0.68495	0.6031	1.53188	0.54934	1.02809
578385.014141276.4	578385	4141276	0.0999	0.0653	0.06599	0.03715	0.08126	0.05218
578405.014141276.4	578405	4141276	0.10801	0.07136	0.07355	0.04002	0.09213	0.05633
578425.014141276.4	578425	4141276	0.12027	0.08125	0.08348	0.04361	0.10651	0.06321
578445.014141276.4	578445	4141276	0.13701	0.09365	0.09589	0.04786	0.12473	0.07172
578465.014141276.4	578465	4141276	0.15266	0.10851	0.11088	0.05269	0.14706	0.08177
578485.014141276.4	578485	4141276	0.17662	0.12744	0.12999	0.05847	0.17575	0.09441
578505.014141276.4	578505	4141276	0.20368	0.15152	0.15439	0.06538	0.21264	0.11028
578525.014141276.4	578525	4141276	0.23775	0.18627	0.18615	0.07377	0.26082	0.1306

578545.014141276.4	578545	4141276	0.27983	0.22636	0.22683	0.08374	0.3226	0.15902
578565.014141276.4	578565	4141276	0.33305	0.2782	0.28015	0.09588	0.40326	0.19204
578585.014141276.4	578585	4141276	0.40252	0.34719	0.3523	0.11117	0.51156	0.23557
578605.014141276.4	578605	4141276	0.49004	0.43592	0.44657	0.12969	0.65198	0.29104
578625.014141276.4	578625	4141276	0.60281	0.55241	0.57245	0.15268	0.8378	0.36326
578645.014141276.4	578645	4141276	0.74442	0.70163	0.73614	0.18043	1.07734	0.45507
578665.014141276.4	578665	4141276	0.93036	0.90066	0.95841	0.21561	1.3991	0.57673
578685.014141276.4	578685	4141276	1.17279	1.16354	1.25772	0.25982	1.82545	0.73649
578705.014141276.4	578705	4141276	1.49062	1.50929	1.66088	0.31568	2.38401	0.94573
578725.014141276.4	578725	4141276	1.90884	1.95785	2.19945	0.3866	3.09662	1.21673
578745.014141276.4	578745	4141276	2.44078	2.50723	2.88062	0.47384	3.93814	1.54961
578765.014141276.4	578765	4141276	3.14305	3.18248	3.7475	0.58689	4.91237	1.96262
578785.014141276.4	578785	4141276	4.04233	3.95959	4.7756	0.73174	5.92915	2.44759
578985.014141276.4	578985	4141276	15.31936	5.59024	5.72277	6.47173	3.55069	6.36334
579005.014141276.4	579005	4141276	14.99801	4.96805	4.78842	7.53932	3.0324	6.37856
579025.014141276.4	579025	4141276	14.11783	4.33633	3.95111	8.36281	2.59395	6.24034
579045.014141276.4	579045	4141276	12.7273	3.7128	3.22662	8.6819	2.21605	5.89007
579065.014141276.4	579065	4141276	11.08696	3.14849	2.64513	8.44251	1.90317	5.36943
579085.014141276.4	579085	4141276	9.33417	2.63558	2.16813	7.68826	1.63315	4.69916
579105.014141276.4	579105	4141276	7.71936	2.2046	1.79829	6.67723	1.41071	4.00382
579125.014141276.4	579125	4141276	6.31889	1.84675	1.50743	5.60797	1.22485	3.34788
579145.014141276.4	579145	4141276	5.17547	1.55777	1.28004	4.63073	1.07114	2.78059
579165.014141276.4	579165	4141276	4.25425	1.32285	1.09811	3.7906	0.94168	2.30492
579185.014141276.4	579185	4141276	3.52669	1.13332	0.95206	3.10239	0.83292	1.91854
579205.014141276.4	579205	4141276	2.95483	0.98016	0.83381	2.55184	0.74115	1.60888
579225.014141276.4	579225	4141276	2.50367	0.85557	0.737	2.11519	0.66328	1.36135
579245.014141276.4	579245	4141276	2.14298	0.75284	0.65645	1.76701	0.59642	1.1618
579265.014141276.4	579265	4141276	1.85679	0.66866	0.58974	1.49339	0.53956	1.00257
578385.014141296.4	578385	4141296	0.09768	0.06276	0.06509	0.03707	0.07935	0.05049
578405.014141296.4	578405	4141296	0.11022	0.07293	0.07373	0.04042	0.09163	0.05778
578425.014141296.4	578425	4141296	0.11954	0.08012	0.08247	0.04362	0.10446	0.06268
578445.014141296.4	578445	4141296	0.13371	0.09185	0.09418	0.04769	0.12181	0.07073
578465.014141296.4	578465	4141296	0.15321	0.10675	0.10902	0.05255	0.14411	0.08084
578485.014141296.4	578485	4141296	0.1746	0.12793	0.12759	0.05823	0.17243	0.09326
578505.014141296.4	578505	4141296	0.20073	0.1518	0.15106	0.06491	0.2087	0.10865
578525.014141296.4	578525	4141296	0.23357	0.1827	0.18166	0.07299	0.25632	0.12837
578545.014141296.4	578545	4141296	0.27481	0.2227	0.2216	0.08272	0.31881	0.15658
578565.014141296.4	578565	4141296	0.32733	0.27511	0.27458	0.09462	0.40167	0.18974
578585.014141296.4	578585	4141296	0.39524	0.34466	0.34597	0.10936	0.51285	0.23326
578605.014141296.4	578605	4141296	0.4839	0.43764	0.44318	0.1278	0.66305	0.29084
578625.014141296.4	578625	4141296	0.59983	0.56204	0.57572	0.15088	0.86605	0.36714
578645.014141296.4	578645	4141296	0.75027	0.72725	0.75506	0.17952	1.13814	0.46757
578665.014141296.4	578665	4141296	0.94325	0.94401	0.9947	0.21463	1.49757	0.59829
578685.014141296.4	578685	4141296	1.20198	1.23919	1.32852	0.25977	1.98971	0.77513
578705.014141296.4	578705	4141296	1.54736	1.63584	1.78947	0.31747	2.64945	1.01153
578725.014141296.4	578725	4141296	2.00779	2.15828	2.41732	0.39111	3.50444	1.32207
578745.014141296.4	578745	4141296	2.6222	2.82734	3.25338	0.48559	4.55997	1.72046
579005.014141296.4	579005	4141296	17.03079	5.29002	4.92822	8.97622	3.05748	7.21523
579025.014141296.4	579025	4141296	15.80157	4.55462	3.99006	9.9847	2.60022	7.03776
579045.014141296.4	579045	4141296	13.96982	3.84726	3.21232	10.25363	2.21241	6.58178
579065.014141296.4	579065	4141296	11.81858	3.19711	2.58595	9.68878	1.88258	5.86095
579085.014141296.4	579085	4141296	9.72058	2.64488	2.10803	8.55633	1.61243	5.01857
579105.014141296.4	579105	4141296	7.87415	2.19095	1.74366	7.2042	1.3909	4.18187
579125.014141296.4	579125	4141296	6.3312	1.8202	1.45926	5.88198	1.20573	3.42569
579145.014141296.4	579145	4141296	5.09529	1.52166	1.23545	4.72766	1.05057	2.78835
579165.014141296.4	579165	4141296	4.15665	1.28935	1.06235	3.80862	0.92391	2.28685
579185.014141296.4	579185	4141296	3.42137	1.10167	0.92205	3.07194	0.81622	1.88477
579205.014141296.4	579205	4141296	2.85653	0.9521	0.80915	2.50164	0.72597	1.57076
579225.014141296.4	579225	4141296	2.41756	0.83144	0.71692	2.05985	0.64965	1.32426
579245.014141296.4	579245	4141296	2.06834	0.73194	0.63974	1.71158	0.58388	1.12701
579265.014141296.4	579265	4141296	1.7961	0.65149	0.57632	1.44469	0.52867	0.97282
579285.014141296.4	579285	4141296	1.57492	0.58396	0.52226	1.2316	0.48072	0.84751
578385.014141316.4	578385	4141316	0.09807	0.06256	0.06512	0.03734	0.07847	0.05059
578405.014141316.4	578405	4141316	0.10768	0.07003	0.07263	0.0403	0.0892	0.05589
578425.014141316.4	578425	4141316	0.12223	0.08197	0.08291	0.04416	0.10406	0.06434
578445.014141316.4	578445	4141316	0.1352	0.0928	0.0934	0.04786	0.11979	0.07043
578465.014141316.4	578465	4141316	0.15157	0.1046	0.10703	0.05239	0.14051	0.07969
578485.014141316.4	578485	4141316	0.17235	0.12267	0.1249	0.05795	0.16811	0.09178
578505.014141316.4	578505	4141316	0.19818	0.14886	0.14791	0.0646	0.20425	0.10921
578525.014141316.4	578525	4141316	0.23012	0.17921	0.17752	0.07249	0.25144	0.12888
578545.014141316.4	578545	4141316	0.27016	0.21867	0.21624	0.08194	0.31383	0.15408
578565.014141316.4	578565	4141316	0.32177	0.2713	0.26842	0.09359	0.39833	0.18721
578585.014141316.4	578585	4141316	0.38866	0.34182	0.33934	0.10798	0.51315	0.23103

578605.014141316.4	578605	4141316	0.47731	0.43812	0.43799	0.12617	0.67205	0.29016
578625.014141316.4	578625	4141316	0.59416	0.56885	0.57464	0.14895	0.89041	0.36953
578645.014141316.4	578645	4141316	0.75058	0.74867	0.76681	0.17794	1.1944	0.4776
578665.014141316.4	578665	4141316	0.95562	0.99098	1.03142	0.21396	1.60794	0.62187
578685.014141316.4	578685	4141316	1.22956	1.32191	1.40194	0.25965	2.17639	0.81737
578705.014141316.4	578705	4141316	1.60264	1.77738	1.92809	0.31876	2.95836	1.08476
578725.014141316.4	578725	4141316	2.11243	2.39359	2.66847	0.39547	4.00063	1.44513
579025.014141316.4	579025	4141316	17.72011	4.75949	3.9718	12.10298	2.59141	7.99985
579045.014141316.4	579045	4141316	15.25681	3.95106	3.1459	12.20621	2.19319	7.3755
579065.014141316.4	579065	4141316	12.55764	3.23689	2.51329	11.16777	1.86231	6.42194
579085.014141316.4	579085	4141316	10.058	2.64385	2.04065	9.48986	1.59216	5.34909
579105.014141316.4	579105	4141316	7.95408	2.16509	1.68347	7.69872	1.37003	4.33639
579125.014141316.4	579125	4141316	6.26652	1.78159	1.4066	6.0855	1.18422	3.46796
579145.014141316.4	579145	4141316	4.97614	1.48136	1.19203	4.77486	1.03028	2.77493
579165.014141316.4	579165	4141316	4.02306	1.25088	1.02636	3.77737	0.90467	2.24746
579185.014141316.4	579185	4141316	3.30192	1.06892	0.89381	3.01462	0.79937	1.84051
579205.014141316.4	579205	4141316	2.74952	0.92332	0.78583	2.43142	0.7102	1.52495
579225.014141316.4	579225	4141316	2.32762	0.80711	0.69792	1.99134	0.63538	1.28229
579245.014141316.4	579245	4141316	2.00173	0.71356	0.62568	1.6578	0.57248	1.09445
579265.014141316.4	579265	4141316	1.74308	0.63649	0.56495	1.39879	0.51868	0.94547
579285.014141316.4	579285	4141316	1.53167	0.57134	0.51262	1.19199	0.47169	0.82414
578385.014141336.4	578385	4141336	0.09901	0.06276	0.06559	0.03773	0.07802	0.05096
578405.014141336.4	578405	4141336	0.10829	0.0699	0.0728	0.04063	0.08826	0.05606
578425.014141336.4	578425	4141336	0.11939	0.07868	0.0816	0.04399	0.10103	0.06224
578445.014141336.4	578445	4141336	0.13523	0.09194	0.09298	0.04811	0.11788	0.0715
578465.014141336.4	578465	4141336	0.15294	0.10692	0.10762	0.05308	0.14001	0.08174
578485.014141336.4	578485	4141336	0.17103	0.12302	0.123	0.05794	0.16423	0.09077
578505.014141336.4	578505	4141336	0.19549	0.14544	0.14457	0.06429	0.19862	0.10525
578525.014141336.4	578525	4141336	0.22672	0.17521	0.17322	0.07207	0.24521	0.12661
578545.014141336.4	578545	4141336	0.26642	0.21468	0.21134	0.0815	0.30823	0.15179
578565.014141336.4	578565	4141336	0.31619	0.26645	0.26156	0.09274	0.3925	0.18426
578585.014141336.4	578585	4141336	0.38162	0.3373	0.33112	0.10676	0.5099	0.22805
578605.014141336.4	578605	4141336	0.46914	0.4358	0.42953	0.12455	0.67586	0.28808
578625.014141336.4	578625	4141336	0.58699	0.57339	0.56999	0.14718	0.91136	0.37088
578645.014141336.4	578645	4141336	0.74362	0.76311	0.76812	0.17548	1.24065	0.48368
578665.014141336.4	578665	4141336	0.96182	1.03555	1.06057	0.21268	1.72012	0.644
578685.014141336.4	578685	4141336	1.25257	1.40988	1.47379	0.25913	2.38451	0.8622
578705.014141336.4	578705	4141336	1.65852	1.94072	2.0816	0.32015	3.32849	1.16931
579025.014141336.4	579025	4141336	19.98406	4.9698	3.91174	15.01802	2.58028	9.23833
579045.014141336.4	579045	4141336	16.65099	4.04722	3.05476	14.72739	2.1737	8.35241
579065.014141336.4	579065	4141336	13.25616	3.26174	2.42627	12.87787	1.8414	7.04475
579085.014141336.4	579085	4141336	10.28616	2.62391	1.96343	10.41804	1.56955	5.65757
579105.014141336.4	579105	4141336	7.91419	2.12098	1.61642	8.09198	1.34556	4.43832
579125.014141336.4	579125	4141336	6.12851	1.73364	1.35331	6.20195	1.1614	3.47156
579145.014141336.4	579145	4141336	4.82728	1.43897	1.15179	4.77363	1.01066	2.74243
579165.014141336.4	579165	4141336	3.86994	1.21096	0.99284	3.70742	0.88512	2.19326
579185.014141336.4	579185	4141336	3.17108	1.03524	0.86722	2.93	0.78167	1.78588
579205.014141336.4	579205	4141336	2.64012	0.89482	0.76416	2.34618	0.69389	1.47395
579225.014141336.4	579225	4141336	2.24884	0.78602	0.68208	1.92618	0.62246	1.24361
579245.014141336.4	579245	4141336	1.93867	0.69612	0.61259	1.60124	0.56087	1.06145
579265.014141336.4	579265	4141336	1.69153	0.62165	0.55363	1.34978	0.508	0.91711
579285.014141336.4	579285	4141336	1.49122	0.55916	0.50305	1.15233	0.46232	0.80105
578385.014141356.4	578385	4141356	0.10169	0.0635	0.06658	0.03828	0.07816	0.05171
578405.014141356.4	578405	4141356	0.11117	0.07059	0.07377	0.0412	0.08822	0.05681
578425.014141356.4	578425	4141356	0.12239	0.08058	0.08247	0.04458	0.1007	0.06294
578445.014141356.4	578445	4141356	0.13545	0.09119	0.09283	0.04839	0.11599	0.07016
578465.014141356.4	578465	4141356	0.15133	0.10455	0.10577	0.05289	0.13561	0.07913
578485.014141356.4	578485	4141356	0.17244	0.12289	0.12356	0.05867	0.16317	0.09284
578505.014141356.4	578505	4141356	0.19599	0.14441	0.1441	0.06484	0.19623	0.10707
578525.014141356.4	578525	4141356	0.22413	0.17141	0.16962	0.07187	0.23866	0.12459
578545.014141356.4	578545	4141356	0.26241	0.20966	0.20593	0.08105	0.30016	0.149
578565.014141356.4	578565	4141356	0.31198	0.26173	0.25549	0.09234	0.38591	0.18164
578585.014141356.4	578585	4141356	0.37519	0.33187	0.32252	0.1059	0.50399	0.22481
578605.014141356.4	578605	4141356	0.46102	0.4318	0.41948	0.12328	0.67583	0.28537
578625.014141356.4	578625	4141356	0.57681	0.5733	0.5595	0.14527	0.92399	0.36984
578645.014141356.4	578645	4141356	0.73524	0.7759	0.7651	0.17338	1.28574	0.48918
578665.014141356.4	578665	4141356	0.95776	1.07224	1.07506	0.21024	1.82387	0.66166
578685.014141356.4	578685	4141356	1.27028	1.50392	1.54234	0.25836	2.6181	0.91022
579025.014141356.4	579025	4141356	22.67409	5.18963	3.811	19.19059	2.57003	10.9061
579045.014141356.4	579045	4141356	18.12028	4.13271	2.94216	17.98453	2.155	9.56507
579065.014141356.4	579065	4141356	13.81455	3.25921	2.32267	14.72534	1.81663	7.68267
579085.014141356.4	579085	4141356	10.33108	2.577	1.87633	11.21505	1.54185	5.89262
579105.014141356.4	579105	4141356	7.74347	2.06023	1.54716	8.3312	1.31787	4.47187

579125.014141356.4	579125	4141356	5.91032	1.6758	1.3003	6.20448	1.13589	3.42769
579145.014141356.4	579145	4141356	4.61875	1.38785	1.11036	4.68138	0.98684	2.67182
579165.014141356.4	579165	4141356	3.69518	1.16837	0.96049	3.591	0.86349	2.12092
579185.014141356.4	579185	4141356	3.03304	1.00081	0.84179	2.81977	0.76246	1.72174
579205.014141356.4	579205	4141356	2.54119	0.86918	0.74529	2.26061	0.67829	1.42474
579225.014141356.4	579225	4141356	2.1679	0.76414	0.66579	1.84946	0.60783	1.2003
579245.014141356.4	579245	4141356	1.87527	0.67813	0.59881	1.53826	0.54783	1.02585
579265.014141356.4	579265	4141356	1.64198	0.60697	0.54171	1.29992	0.49641	0.88856
579285.014141356.4	579285	4141356	1.4507	0.54639	0.49246	1.11088	0.45191	0.77696
579305.014141356.4	579305	4141356	1.29239	0.49482	0.44945	0.96093	0.41306	0.68606
578385.014141376.4	578385	4141376	0.10347	0.06533	0.06793	0.03892	0.07872	0.05268
578405.014141376.4	578405	4141376	0.11305	0.07256	0.07519	0.04189	0.08868	0.05842
578425.014141376.4	578425	4141376	0.12408	0.08114	0.08371	0.04522	0.10069	0.06454
578445.014141376.4	578445	4141376	0.13724	0.09169	0.09411	0.0491	0.11577	0.07194
578465.014141376.4	578465	4141376	0.15262	0.10446	0.10653	0.05348	0.13443	0.08075
578485.014141376.4	578485	4141376	0.17091	0.12027	0.12174	0.05853	0.15804	0.09147
578505.014141376.4	578505	4141376	0.19458	0.14155	0.14208	0.06482	0.1906	0.10564
578525.014141376.4	578525	4141376	0.22534	0.1705	0.16961	0.07266	0.23613	0.12455
578545.014141376.4	578545	4141376	0.25938	0.2048	0.20144	0.08086	0.29148	0.14645
578565.014141376.4	578565	4141376	0.3075	0.25562	0.24888	0.09193	0.37579	0.17833
578585.014141376.4	578585	4141376	0.37023	0.3262	0.31471	0.10552	0.49623	0.22174
578605.014141376.4	578605	4141376	0.45361	0.42627	0.40866	0.12244	0.67162	0.28213
578625.014141376.4	578625	4141376	0.56702	0.57124	0.54688	0.14388	0.93213	0.36814
578645.014141376.4	578645	4141376	0.72491	0.78537	0.75617	0.17156	1.32585	0.49323
578665.014141376.4	578665	4141376	0.95091	1.10877	1.08293	0.20816	1.93327	0.67961
578685.014141376.4	578685	4141376	1.27771	1.59929	1.59878	0.25676	2.8709	0.9589
579005.014141376.4	579005	4141376	31.41545	6.81849	4.90739	23.21367	3.0777	13.79957
579025.014141376.4	579025	4141376	25.69583	5.38744	3.64709	25.20684	2.55081	13.15386
579045.014141376.4	579045	4141376	19.41989	4.17033	2.79176	21.89503	2.12536	10.93734
579065.014141376.4	579065	4141376	14.09261	3.21622	2.20438	16.45439	1.78439	8.23193
579085.014141376.4	579085	4141376	10.15921	2.50417	1.78653	11.75113	1.50948	6.01246
579105.014141376.4	579105	4141376	7.42582	1.98178	1.47754	8.35698	1.2851	4.41828
579125.014141376.4	579125	4141376	5.60199	1.60592	1.24662	6.06112	1.10479	3.32524
579145.014141376.4	579145	4141376	4.37158	1.33139	1.06947	4.50918	0.95913	2.57003
579165.014141376.4	579165	4141376	3.51685	1.12596	0.93018	3.44496	0.84043	2.03836
579185.014141376.4	579185	4141376	2.90033	0.96766	0.8179	2.69773	0.7424	1.65421
579205.014141376.4	579205	4141376	2.44109	0.84275	0.7257	2.16131	0.66065	1.37004
579225.014141376.4	579225	4141376	2.09061	0.74252	0.6491	1.76929	0.59217	1.15588
579245.014141376.4	579245	4141376	1.81531	0.66035	0.58432	1.47509	0.53402	0.99026
579265.014141376.4	579265	4141376	1.59193	0.59116	0.52853	1.24684	0.48382	0.85813
579285.014141376.4	579285	4141376	1.41055	0.53312	0.48062	1.06996	0.44079	0.75271
579305.014141376.4	579305	4141376	1.25988	0.48354	0.43893	0.9293	0.40343	0.66661
578385.014141396.4	578385	4141396	0.1057	0.06657	0.06967	0.03969	0.07985	0.05424
578405.014141396.4	578405	4141396	0.11504	0.07354	0.07677	0.04259	0.08936	0.05931
578425.014141396.4	578425	4141396	0.12578	0.08178	0.08506	0.04584	0.10079	0.06521
578445.014141396.4	578445	4141396	0.13872	0.092	0.09525	0.04967	0.11525	0.07243
578465.014141396.4	578465	4141396	0.1546	0.10495	0.10806	0.05424	0.134	0.08143
578485.014141396.4	578485	4141396	0.17316	0.12071	0.12339	0.0594	0.15735	0.09219
578505.014141396.4	578505	4141396	0.19504	0.14018	0.14199	0.06525	0.18694	0.10522
578525.014141396.4	578525	4141396	0.22467	0.1677	0.16814	0.07289	0.23001	0.1233
578545.014141396.4	578545	4141396	0.25838	0.20124	0.19914	0.08113	0.28405	0.14482
578565.014141396.4	578565	4141396	0.30356	0.24897	0.2429	0.09165	0.36348	0.17484
578585.014141396.4	578585	4141396	0.36356	0.31701	0.30477	0.10481	0.48055	0.21673
578605.014141396.4	578605	4141396	0.44456	0.4163	0.39486	0.12141	0.65719	0.27657
578625.014141396.4	578625	4141396	0.55624	0.56469	0.53056	0.14265	0.9299	0.36426
578645.014141396.4	578645	4141396	0.71318	0.79058	0.74129	0.17008	1.35777	0.49538
578665.014141396.4	578665	4141396	0.93859	1.14038	1.07847	0.20601	2.03861	0.69527
579005.014141396.4	579005	4141396	37.70357	7.26963	4.67551	32.27684	3.06668	17.25979
579025.014141396.4	579025	4141396	28.91626	5.55196	3.43283	33.71371	2.52228	16.18176
579045.014141396.4	579045	4141396	20.34827	4.15421	2.6236	25.9821	2.08669	12.29499
579065.014141396.4	579065	4141396	13.9263	3.12071	2.07773	17.60341	1.74097	8.52468
579085.014141396.4	579085	4141396	9.68382	2.39501	1.69302	11.82812	1.4664	5.94663
579105.014141396.4	579105	4141396	6.98657	1.88961	1.41041	8.16868	1.24684	4.283
579125.014141396.4	579125	4141396	5.27557	1.53597	1.19826	5.84527	1.07246	3.19842
579145.014141396.4	579145	4141396	4.13541	1.27814	1.03277	4.31258	0.93115	2.46189
579165.014141396.4	579165	4141396	3.34192	1.08396	0.90048	3.27573	0.8154	1.94775
579185.014141396.4	579185	4141396	2.77069	0.93437	0.79326	2.56157	0.72034	1.5814
579205.014141396.4	579205	4141396	2.34524	0.81641	0.7051	2.05707	0.64166	1.31347
579225.014141396.4	579225	4141396	2.01541	0.72049	0.63089	1.68676	0.57525	1.11022
579245.014141396.4	579245	4141396	1.75402	0.64131	0.56785	1.40903	0.51884	0.95276
579265.014141396.4	579265	4141396	1.54243	0.57495	0.51373	1.19583	0.4705	0.8281
579285.014141396.4	579285	4141396	1.36934	0.51902	0.4672	1.02995	0.42906	0.72822
579305.014141396.4	579305	4141396	1.2245	0.471	0.42659	0.89727	0.39297	0.64619

578385.014141416.4	578385	4141416	0.10789	0.06787	0.07142	0.04045	0.08113	0.05531
578405.014141416.4	578405	4141416	0.11728	0.07481	0.07859	0.04336	0.09049	0.06037
578425.014141416.4	578425	4141416	0.12832	0.08317	0.08716	0.0467	0.10198	0.06639
578445.014141416.4	578445	4141416	0.14137	0.09333	0.09748	0.05057	0.11621	0.07361
578465.014141416.4	578465	4141416	0.1568	0.10574	0.10992	0.05501	0.13397	0.08228
578485.014141416.4	578485	4141416	0.17547	0.1213	0.12533	0.06024	0.1568	0.09297
578505.014141416.4	578505	4141416	0.19728	0.14033	0.14378	0.06612	0.18541	0.10579
578525.014141416.4	578525	4141416	0.22469	0.16542	0.1677	0.07323	0.22431	0.12238
578545.014141416.4	578545	4141416	0.25909	0.19885	0.1989	0.08177	0.27785	0.144
578565.014141416.4	578565	4141416	0.30177	0.24349	0.23949	0.09182	0.35193	0.17221
578585.014141416.4	578585	4141416	0.35908	0.30831	0.29738	0.10457	0.46374	0.21224
578605.014141416.4	578605	4141416	0.43631	0.40408	0.38154	0.12062	0.63581	0.27002
578625.014141416.4	578625	4141416	0.5436	0.55124	0.51004	0.14125	0.91128	0.35684
578645.014141416.4	578645	4141416	0.69572	0.78332	0.71432	0.16797	1.36318	0.49096
578665.014141416.4	578665	4141416	0.92017	1.16276	1.05809	0.20364	2.12918	0.70636
579025.014141416.4	579025	4141416	31.94641	5.6657	3.19451	43.14881	2.48281	19.57121
579045.014141416.4	579045	4141416	20.64302	4.07478	2.45653	29.08138	2.03873	13.24301
579065.014141416.4	579065	4141416	13.33096	2.98548	1.95935	17.92738	1.69071	8.50494
579085.014141416.4	579085	4141416	9.06038	2.27482	1.60991	11.61027	1.42083	5.77912
579105.014141416.4	579105	4141416	6.51227	1.79602	1.3496	7.86388	1.20633	4.10889
579125.014141416.4	579125	4141416	4.94017	1.46514	1.1515	5.55756	1.03674	3.04589
579145.014141416.4	579145	4141416	3.89719	1.22364	0.99492	4.06878	0.89945	2.3358
579165.014141416.4	579165	4141416	3.1718	1.04172	0.86914	3.08541	0.78785	1.84897
579185.014141416.4	579185	4141416	2.64416	0.90044	0.76634	2.41506	0.69622	1.50407
579205.014141416.4	579205	4141416	2.24558	0.78778	0.681	1.94227	0.62009	1.25139
579225.014141416.4	579225	4141416	1.93689	0.69653	0.6096	1.59984	0.55654	1.06156
579245.014141416.4	579245	4141416	1.68949	0.6206	0.54861	1.34176	0.50236	0.9136
579265.014141416.4	579265	4141416	1.4895	0.55723	0.49662	1.14463	0.4563	0.79697
579285.014141416.4	579285	4141416	1.32239	0.5028	0.45116	0.98787	0.41608	0.70157
579305.014141416.4	579305	4141416	1.18508	0.45701	0.41237	0.86474	0.38183	0.62463
578385.014141436.4	578385	4141436	0.11039	0.06947	0.07338	0.04131	0.0829	0.05658
578405.014141436.4	578405	4141436	0.12005	0.07657	0.08083	0.04429	0.0924	0.06177
578425.014141436.4	578425	4141436	0.13128	0.08501	0.08963	0.04769	0.10388	0.06786
578445.014141436.4	578445	4141436	0.14472	0.09535	0.10034	0.05167	0.11825	0.07524
578465.014141436.4	578465	4141436	0.16035	0.10775	0.11303	0.05617	0.13582	0.08394
578485.014141436.4	578485	4141436	0.17897	0.12303	0.12846	0.06138	0.15797	0.09449
578505.014141436.4	578505	4141436	0.20041	0.14139	0.14662	0.06718	0.18525	0.10694
578525.014141436.4	578525	4141436	0.22795	0.16604	0.17063	0.07437	0.22302	0.12335
578545.014141436.4	578545	4141436	0.2611	0.19759	0.20048	0.08266	0.273	0.1439
578565.014141436.4	578565	4141436	0.30274	0.24017	0.23957	0.09258	0.34306	0.171
578585.014141436.4	578585	4141436	0.35846	0.30209	0.29478	0.10515	0.44947	0.20946
578605.014141436.4	578605	4141436	0.43225	0.3933	0.37334	0.1207	0.61391	0.26467
578625.014141436.4	578625	4141436	0.53432	0.53591	0.49274	0.1406	0.88431	0.34884
578645.014141436.4	578645	4141436	0.6802	0.76983	0.6858	0.16653	1.35092	0.4837
579025.014141436.4	579025	4141436	33.85962	5.67486	2.95327	48.06096	2.42469	21.68377
579045.014141436.4	579045	4141436	20.03898	3.91669	2.30003	29.70444	1.97904	13.27255
579065.014141436.4	579065	4141436	12.37357	2.81994	1.85204	17.54857	1.6343	8.24649
579085.014141436.4	579085	4141436	8.32233	2.14383	1.53106	11.15319	1.3693	5.52688
579105.014141436.4	579105	4141436	6.01428	1.69917	1.28864	7.42502	1.16044	3.88494
579125.014141436.4	579125	4141436	4.6033	1.39268	1.10202	5.18916	0.9963	2.86232
579145.014141436.4	579145	4141436	3.6663	1.16892	0.9541	3.79039	0.8649	2.19606
579165.014141436.4	579165	4141436	3.00374	0.99828	0.8341	2.87746	0.75792	1.74232
579185.014141436.4	579185	4141436	2.51598	0.86473	0.73564	2.26065	0.67025	1.42227
579205.014141436.4	579205	4141436	2.14472	0.7579	0.65391	1.82791	0.59769	1.18833
579225.014141436.4	579225	4141436	1.85428	0.6708	0.58532	1.51315	0.53698	1.01166
579245.014141436.4	579245	4141436	1.62118	0.59845	0.52702	1.27607	0.48547	0.87403
579265.014141436.4	579265	4141436	1.42992	0.53729	0.47678	1.09193	0.44113	0.76381
579285.014141436.4	579285	4141436	1.27229	0.48559	0.43365	0.94723	0.40308	0.67481
579305.014141436.4	579305	4141436	1.13998	0.44132	0.39601	0.83086	0.36984	0.60148
579325.014141436.4	579325	4141436	1.02687	0.40262	0.36294	0.73454	0.34056	0.53946
578385.014141456.4	578385	4141456	0.11328	0.07144	0.07564	0.0423	0.08529	0.0581
578405.014141456.4	578405	4141456	0.12314	0.07867	0.08331	0.04534	0.0949	0.06339
578425.014141456.4	578425	4141456	0.13457	0.08721	0.09235	0.04879	0.10645	0.06957
578445.014141456.4	578445	4141456	0.14813	0.09759	0.10326	0.05279	0.12073	0.07698
578465.014141456.4	578465	4141456	0.16396	0.11004	0.11625	0.05735	0.13821	0.08575
578485.014141456.4	578485	4141456	0.18301	0.12547	0.13219	0.06268	0.16037	0.09645
578505.014141456.4	578505	4141456	0.20443	0.14352	0.1505	0.06847	0.18686	0.10875
578525.014141456.4	578525	4141456	0.23295	0.16849	0.17552	0.07595	0.22466	0.12548
578545.014141456.4	578545	4141456	0.26481	0.19816	0.20428	0.08393	0.27099	0.14494
578565.014141456.4	578565	4141456	0.30713	0.2401	0.24389	0.0941	0.33913	0.17184
578585.014141456.4	578585	4141456	0.36203	0.2994	0.29776	0.1066	0.44003	0.20894
578605.014141456.4	578605	4141456	0.43303	0.38536	0.37195	0.12174	0.59429	0.26126
578625.014141456.4	578625	4141456	0.53043	0.52097	0.48289	0.14099	0.85257	0.34154

578645.014141456.4	578645	4141456	0.66977	0.7511	0.66205	0.16613	1.31966	0.47425
579045.014141456.4	579045	4141456	18.26757	3.65561	2.14742	27.73454	1.90133	12.39013
579065.014141456.4	579065	4141456	11.07641	2.62141	1.7443	16.685	1.56657	7.80727
579085.014141456.4	579085	4141456	7.48808	1.99948	1.44604	10.36148	1.30706	5.14535
579105.014141456.4	579105	4141456	5.49736	1.59706	1.22051	6.80234	1.10698	3.5891
579125.014141456.4	579125	4141456	4.26339	1.31728	1.04582	4.73573	0.95109	2.6444
579145.014141456.4	579145	4141456	3.42933	1.11098	0.90691	3.47361	0.82703	2.03926
579165.014141456.4	579165	4141456	2.82739	0.95151	0.79343	2.65412	0.72576	1.62731
579185.014141456.4	579185	4141456	2.37925	0.82603	0.70026	2.10181	0.64294	1.33658
579205.014141456.4	579205	4141456	2.03461	0.72506	0.6228	1.71187	0.57427	1.12263
579225.014141456.4	579225	4141456	1.76383	0.6427	0.55796	1.42679	0.5169	0.96033
579245.014141456.4	579245	4141456	1.54323	0.57341	0.50222	1.20795	0.46758	0.83168
579265.014141456.4	579265	4141456	1.36356	0.51539	0.45468	1.03856	0.4255	0.72917
578385.014141476.4	578385	4141476	0.11627	0.07354	0.07796	0.04334	0.08796	0.05971
578405.014141476.4	578405	4141476	0.12653	0.08107	0.08602	0.04649	0.09795	0.06522
578425.014141476.4	578425	4141476	0.13834	0.0899	0.09545	0.05005	0.10984	0.0716
578445.014141476.4	578445	4141476	0.15188	0.10026	0.10648	0.05404	0.12403	0.079
578465.014141476.4	578465	4141476	0.16811	0.11297	0.11996	0.0587	0.14177	0.08797
578485.014141476.4	578485	4141476	0.18781	0.12882	0.13667	0.0642	0.16437	0.09899
578505.014141476.4	578505	4141476	0.21011	0.14742	0.15601	0.07023	0.19145	0.11171
578525.014141476.4	578525	4141476	0.23969	0.17296	0.18234	0.07798	0.22977	0.12889
578545.014141476.4	578545	4141476	0.2706	0.20127	0.21063	0.08571	0.2734	0.14754
578565.014141476.4	578565	4141476	0.31273	0.24195	0.25046	0.09586	0.33854	0.17383
578585.014141476.4	578585	4141476	0.36663	0.2983	0.30357	0.1082	0.43297	0.20936
578605.014141476.4	578605	4141476	0.43718	0.3804	0.37695	0.12339	0.5783	0.25973
578625.014141476.4	578625	4141476	0.53221	0.50841	0.48336	0.14239	0.82041	0.336
578645.014141476.4	578645	4141476	0.66717	0.72963	0.65154	0.16709	1.27196	0.46398
579065.014141476.4	579065	4141476	9.50507	2.39096	1.62067	15.1429	1.48148	7.10941
579085.014141476.4	579085	4141476	6.64294	1.85152	1.35038	9.2859	1.23776	4.65578
579105.014141476.4	579105	4141476	4.97304	1.49086	1.14208	6.03968	1.04858	3.23761
579125.014141476.4	579125	4141476	3.90278	1.23525	0.97961	4.21413	0.90155	2.39631
579145.014141476.4	579145	4141476	3.16816	1.046	0.85098	3.12652	0.78581	1.86641
579165.014141476.4	579165	4141476	2.63345	0.89975	0.74657	2.42491	0.6922	1.50676
579185.014141476.4	579185	4141476	2.22265	0.78172	0.65899	1.93606	0.61378	1.24475
579205.014141476.4	579205	4141476	1.90684	0.68723	0.58673	1.59013	0.54921	1.05166
579225.014141476.4	579225	4141476	1.65755	0.61006	0.52625	1.33436	0.4952	0.9039
578385.014141496.4	578385	4141496	0.11939	0.0758	0.08042	0.0444	0.09095	0.06141
578405.014141496.4	578405	4141496	0.13014	0.0837	0.08894	0.04771	0.10146	0.06719
578425.014141496.4	578425	4141496	0.14232	0.09285	0.09879	0.05137	0.11379	0.0738
578445.014141496.4	578445	4141496	0.15642	0.10366	0.1104	0.05551	0.12859	0.08152
578465.014141496.4	578465	4141496	0.17312	0.11678	0.12448	0.06029	0.14687	0.09076
578485.014141496.4	578485	4141496	0.19337	0.1331	0.14194	0.06593	0.17008	0.1021
578505.014141496.4	578505	4141496	0.21638	0.15227	0.16227	0.07214	0.1979	0.11523
578525.014141496.4	578525	4141496	0.24721	0.17877	0.19028	0.08021	0.23746	0.13308
578545.014141496.4	578545	4141496	0.27887	0.20752	0.21996	0.08811	0.28149	0.15209
578565.014141496.4	578565	4141496	0.32089	0.24757	0.26067	0.09822	0.34499	0.17807
578585.014141496.4	578585	4141496	0.3748	0.30262	0.31508	0.11057	0.43605	0.21299
578605.014141496.4	578605	4141496	0.44464	0.38102	0.38924	0.12565	0.57269	0.26146
578625.014141496.4	578625	4141496	0.53795	0.5007	0.49502	0.14442	0.79533	0.33333
578645.014141496.4	578645	4141496	0.67152	0.70854	0.66063	0.16912	1.21501	0.45436
579085.014141496.4	579085	4141496	5.77272	1.69323	1.23824	8.00584	1.16188	4.08364
579105.014141496.4	579105	4141496	4.42224	1.37621	1.05203	5.22114	0.98772	2.86028
579125.014141496.4	579125	4141496	3.51474	1.14543	0.90453	3.69047	0.85092	2.14264
579145.014141496.4	579145	4141496	2.87885	0.97331	0.78757	2.78236	0.74339	1.68995
579165.014141496.4	579165	4141496	2.41041	0.84004	0.69275	2.19006	0.65661	1.37938
579185.014141496.4	579185	4141496	2.04809	0.73258	0.61346	1.77182	0.58412	1.15066
579205.014141496.4	579205	4141496	1.76491	0.64556	0.54729	1.46791	0.52366	0.97827
578385.014141516.4	578385	4141516	0.12219	0.07788	0.08271	0.04534	0.0938	0.06297
578405.014141516.4	578405	4141516	0.13367	0.08636	0.0919	0.04886	0.10513	0.06916
578425.014141516.4	578425	4141516	0.14669	0.09619	0.10257	0.05277	0.11845	0.07624
578445.014141516.4	578445	4141516	0.16138	0.10754	0.11486	0.05707	0.13404	0.08433
578465.014141516.4	578465	4141516	0.17879	0.12131	0.12978	0.06203	0.15331	0.09401
578485.014141516.4	578485	4141516	0.19967	0.13827	0.14816	0.06783	0.17751	0.10578
578505.014141516.4	578505	4141516	0.22377	0.15849	0.16996	0.07431	0.20694	0.1196
578525.014141516.4	578525	4141516	0.25644	0.18673	0.20047	0.08281	0.24924	0.13859
578545.014141516.4	578545	4141516	0.28888	0.21641	0.23192	0.09088	0.29474	0.1582
578565.014141516.4	578565	4141516	0.3332	0.25874	0.27653	0.1015	0.36193	0.18566
578585.014141516.4	578585	4141516	0.38826	0.31493	0.33467	0.11405	0.45479	0.22135
578605.014141516.4	578605	4141516	0.4593	0.39379	0.41406	0.12934	0.59157	0.27025
578625.014141516.4	578625	4141516	0.55438	0.51208	0.52799	0.14842	0.80941	0.34165
578645.014141516.4	578645	4141516	0.68811	0.70863	0.70321	0.17311	1.19992	0.45679
579085.014141516.4	579085	4141516	4.86554	1.51544	1.1108	6.58901	1.08196	3.45604
579105.014141516.4	579105	4141516	3.82748	1.24615	0.95036	4.40958	0.92438	2.47847

579125.014141516.4	579125	4141516	3.09522	1.04525	0.82209	3.19925	0.79998	1.89561
579145.014141516.4	579145	4141516	2.56408	0.89278	0.71863	2.45707	0.70067	1.51623
579165.014141516.4	579165	4141516	2.16558	0.77382	0.63416	1.96064	0.62009	1.2503
578385.014141536.4	578385	4141536	0.12554	0.08045	0.08561	0.0464	0.0974	0.06485
578405.014141536.4	578405	4141536	0.13723	0.08916	0.09511	0.04996	0.10911	0.07118
578425.014141536.4	578425	4141536	0.15094	0.0996	0.10651	0.05406	0.12335	0.07869
578445.014141536.4	578445	4141536	0.16694	0.11207	0.12016	0.05872	0.14065	0.08753
578465.014141536.4	578465	4141536	0.18526	0.12673	0.13621	0.06391	0.16134	0.0978
578485.014141536.4	578485	4141536	0.20714	0.14474	0.15596	0.06993	0.18727	0.11024
578505.014141536.4	578505	4141536	0.2325	0.16634	0.17963	0.07669	0.21903	0.12494
578525.014141536.4	578525	4141536	0.26813	0.19757	0.21412	0.08588	0.26644	0.14585
578545.014141536.4	578545	4141536	0.30127	0.22864	0.24775	0.09402	0.31456	0.16627
578565.014141536.4	578565	4141536	0.34894	0.2751	0.29829	0.10533	0.38929	0.19627
578585.014141536.4	578585	4141536	0.40779	0.33658	0.36458	0.11858	0.49235	0.23514
578605.014141536.4	578605	4141536	0.48251	0.42164	0.45503	0.13442	0.64208	0.28768
578625.014141536.4	578625	4141536	0.5831	0.54917	0.58781	0.15431	0.88002	0.36448
578645.014141536.4	578645	4141536	0.72024	0.75103	0.79029	0.17914	1.28393	0.4827
578665.014141536.4	578665	4141536	0.91713	1.10911	1.12598	0.21109	2.06255	0.68658
579105.014141536.4	579105	4141536	3.21761	1.10171	0.84189	3.6705	0.86013	2.1158
579125.014141536.4	579125	4141536	2.65737	0.93509	0.73404	2.74397	0.74764	1.65628
579185.014141536.4	579185	4141536	1.64879	0.61893	0.51148	1.43362	0.52043	0.94965
578385.014141556.4	578385	4141556	0.1294	0.08348	0.08916	0.04754	0.10174	0.06702
578405.014141556.4	578405	4141556	0.14165	0.09273	0.09931	0.05124	0.11428	0.07371
578425.014141556.4	578425	4141556	0.15584	0.10368	0.11137	0.05544	0.12938	0.08154
578445.014141556.4	578445	4141556	0.17263	0.11696	0.12605	0.06027	0.14801	0.09091
578465.014141556.4	578465	4141556	0.1925	0.13311	0.14396	0.06583	0.17111	0.10215
578485.014141556.4	578485	4141556	0.21563	0.15255	0.16555	0.07211	0.19949	0.11548
578505.014141556.4	578505	4141556	0.24305	0.17643	0.19214	0.0793	0.23519	0.13161
578525.014141556.4	578525	4141556	0.27971	0.20951	0.22923	0.08859	0.28619	0.15358
578545.014141556.4	578545	4141556	0.31669	0.24519	0.2689	0.09751	0.34277	0.17682
578565.014141556.4	578565	4141556	0.36787	0.29705	0.32684	0.10937	0.42818	0.20999
578585.014141556.4	578585	4141556	0.43201	0.36718	0.405	0.12344	0.54896	0.25388
578605.014141556.4	578605	4141556	0.5156	0.46758	0.51625	0.14065	0.73119	0.31526
578625.014141556.4	578625	4141556	0.6255	0.61686	0.67968	0.16157	1.01956	0.40425
578645.014141556.4	578645	4141556	0.77593	0.85674	0.93648	0.18762	1.51784	0.54361
578665.014141556.4	578665	4141556	0.98993	1.28022	1.37108	0.22054	2.4738	0.78381
578685.014141556.4	578685	4141556	1.31531	2.14859	2.18497	0.26357	4.58749	1.2682
579165.014141556.4	579165	4141556	1.65277	0.62986	0.51093	1.50977	0.5439	0.98819
579185.014141556.4	579185	4141556	1.44437	0.55871	0.45909	1.2603	0.48689	0.84563
579205.014141556.4	579205	4141556	1.27325	0.49925	0.41478	1.06934	0.4386	0.73331
578385.014141576.4	578385	4141576	0.134	0.08722	0.09363	0.04882	0.10713	0.06964
578405.014141576.4	578405	4141576	0.14691	0.09712	0.1046	0.05266	0.12072	0.07675
578425.014141576.4	578425	4141576	0.16202	0.10899	0.11781	0.05706	0.13731	0.08517
578445.014141576.4	578445	4141576	0.17983	0.12338	0.13389	0.0621	0.15779	0.09524
578465.014141576.4	578465	4141576	0.20059	0.14068	0.15328	0.06779	0.18292	0.10717
578485.014141576.4	578485	4141576	0.2255	0.16216	0.17748	0.07441	0.21487	0.12176
578505.014141576.4	578505	4141576	0.25593	0.18946	0.20836	0.0822	0.25655	0.14
578525.014141576.4	578525	4141576	0.29543	0.22645	0.25047	0.09193	0.31487	0.16428
578545.014141576.4	578545	4141576	0.33797	0.26921	0.29898	0.10186	0.38457	0.19178
578565.014141576.4	578565	4141576	0.39415	0.3293	0.36734	0.11437	0.48653	0.22967
578585.014141576.4	578585	4141576	0.46569	0.41267	0.4619	0.12936	0.63477	0.28109
578605.014141576.4	578605	4141576	0.55935	0.53414	0.59841	0.14763	0.86271	0.35426
578625.014141576.4	578625	4141576	0.68573	0.72207	0.80508	0.17024	1.23766	0.46474
578645.014141576.4	578645	4141576	0.86392	1.03841	1.13731	0.19893	1.91221	0.64636
578665.014141576.4	578665	4141576	1.1175	1.60783	1.6845	0.23449	3.2071	0.96617
578685.014141576.4	578685	4141576	1.50409	2.71983	2.61946	0.2802	5.77343	1.57581
578705.014141576.4	578705	4141576	2.14634	4.53896	4.14235	0.34137	9.37059	2.53515
579145.014141576.4	579145	4141576	1.61096	0.62915	0.50082	1.55291	0.5661	1.0081
579165.014141576.4	579165	4141576	1.41333	0.55838	0.45091	1.28903	0.50423	0.85854
579185.014141576.4	579185	4141576	1.25013	0.49944	0.40803	1.08916	0.45225	0.74263
579205.014141576.4	579205	4141576	1.11314	0.44912	0.37098	0.93347	0.40811	0.64924
579225.014141576.4	579225	4141576	0.99729	0.40607	0.33875	0.80955	0.37029	0.57305
579245.014141576.4	579245	4141576	0.89825	0.36857	0.31057	0.70908	0.33763	0.50927
579265.014141576.4	579265	4141576	0.81366	0.33669	0.28573	0.62644	0.30914	0.45688
578385.014141596.4	578385	4141596	0.13939	0.09172	0.0991	0.05023	0.11367	0.07274
578405.014141596.4	578405	4141596	0.15354	0.10277	0.11149	0.05436	0.12907	0.0806
578425.014141596.4	578425	4141596	0.16962	0.11571	0.12604	0.05893	0.14742	0.08969
578445.014141596.4	578445	4141596	0.1889	0.13168	0.14408	0.06425	0.17053	0.10074
578465.014141596.4	578465	4141596	0.21153	0.15109	0.16611	0.07029	0.19926	0.11397
578485.014141596.4	578485	4141596	0.23875	0.17537	0.19379	0.0773	0.23608	0.13025
578505.014141596.4	578505	4141596	0.27288	0.20712	0.23014	0.08575	0.28562	0.15118
578525.014141596.4	578525	4141596	0.31587	0.24921	0.27849	0.09593	0.35346	0.17841
578545.014141596.4	578545	4141596	0.36496	0.30091	0.33771	0.10688	0.4398	0.21117

578565.014141596.4	578565	4141596	0.43017	0.37453	0.42181	0.12068	0.56761	0.25688
578585.014141596.4	578585	4141596	0.51285	0.47709	0.53766	0.13697	0.75375	0.31915
578605.014141596.4	578605	4141596	0.62148	0.62778	0.70421	0.15667	1.04047	0.40858
578625.014141596.4	578625	4141596	0.77031	0.86324	0.95432	0.18118	1.50985	0.54521
578645.014141596.4	578645	4141596	0.98162	1.25169	1.34103	0.21212	2.31467	0.7657
578665.014141596.4	578665	4141596	1.29687	1.91723	1.9496	0.25217	3.70846	1.13499
578685.014141596.4	578685	4141596	1.78117	2.96972	2.86722	0.30375	5.78453	1.70394
578705.014141596.4	578705	4141596	2.55027	4.27542	4.1072	0.3701	7.83722	2.40189
578725.014141596.4	578725	4141596	3.8835	5.67035	5.65296	0.46379	8.92247	3.17347
578745.014141596.4	578745	4141596	6.18161	7.04203	7.42608	0.60016	8.48261	3.95545
579105.014141596.4	579105	4141596	1.74263	0.69479	0.5334	1.8987	0.66756	1.1926
579145.014141596.4	579145	4141596	1.34768	0.54796	0.43417	1.28031	0.51912	0.85122
579165.014141596.4	579165	4141596	1.19847	0.49102	0.39438	1.08131	0.46352	0.73556
579185.014141596.4	579185	4141596	1.07235	0.44251	0.3597	0.92645	0.4167	0.64323
579205.014141596.4	579205	4141596	0.96466	0.40086	0.32931	0.80328	0.37683	0.56808
579225.014141596.4	579225	4141596	0.87217	0.36466	0.30257	0.70354	0.34262	0.50561
579245.014141596.4	579245	4141596	0.79217	0.33304	0.27895	0.62161	0.31301	0.45304
579265.014141596.4	579265	4141596	0.7224	0.30566	0.2579	0.55314	0.28712	0.40906
579285.014141596.4	579285	4141596	0.6603	0.28013	0.23911	0.49479	0.26438	0.36898
579305.014141596.4	579305	4141596	0.60749	0.25911	0.22247	0.44681	0.24448	0.33687
579325.014141596.4	579325	4141596	0.56012	0.2401	0.2074	0.40481	0.22669	0.30844
579345.014141596.4	579345	4141596	0.51809	0.22353	0.19375	0.36835	0.21074	0.28433
578385.014141616.4	578385	4141616	0.14555	0.097	0.10556	0.05175	0.12137	0.07632
578405.014141616.4	578405	4141616	0.16109	0.10941	0.11961	0.05618	0.1389	0.08506
578425.014141616.4	578425	4141616	0.17918	0.12431	0.13655	0.06119	0.16036	0.09539
578445.014141616.4	578445	4141616	0.20028	0.14229	0.15707	0.06683	0.18681	0.10768
578465.014141616.4	578465	4141616	0.22542	0.16454	0.18255	0.07331	0.22029	0.12264
578485.014141616.4	578485	4141616	0.25583	0.1926	0.21478	0.08085	0.26359	0.1412
578505.014141616.4	578505	4141616	0.29383	0.22931	0.25703	0.08986	0.32182	0.16506
578525.014141616.4	578525	4141616	0.34386	0.28008	0.31554	0.10119	0.40489	0.19746
578545.014141616.4	578545	4141616	0.39891	0.34078	0.3847	0.11279	0.50738	0.23534
578565.014141616.4	578565	4141616	0.47528	0.43026	0.48584	0.12803	0.66341	0.29018
578585.014141616.4	578585	4141616	0.57273	0.55502	0.62395	0.14599	0.88847	0.36503
578605.014141616.4	578605	4141616	0.70314	0.73818	0.82044	0.168	1.22891	0.47269
578625.014141616.4	578625	4141616	0.88287	1.01531	1.10477	0.19539	1.75469	0.63237
578645.014141616.4	578645	4141616	1.13431	1.43408	1.51261	0.2293	2.54958	0.869
578665.014141616.4	578665	4141616	1.50857	2.0611	2.09989	0.27362	3.6842	1.21721
578685.014141616.4	578685	4141616	2.08271	2.90713	2.90264	0.33257	5.00988	1.68217
578705.014141616.4	578705	4141616	2.97178	3.87606	3.90072	0.41148	6.0745	2.22012
578725.014141616.4	578725	4141616	4.32966	4.85895	5.01802	0.51811	6.4783	2.77916
578745.014141616.4	578745	4141616	6.39959	5.89001	6.22821	0.67303	6.37504	3.38731
579065.014141616.4	579065	4141616	1.84379	0.75608	0.54845	2.25993	0.80337	1.3754
579085.014141616.4	579085	4141616	1.60517	0.66487	0.49538	1.79756	0.69091	1.13424
579105.014141616.4	579105	4141616	1.4137	0.59034	0.44931	1.47051	0.60204	0.95621
579125.014141616.4	579125	4141616	1.25592	0.52843	0.40899	1.22736	0.53012	0.82019
579165.014141616.4	579165	4141616	1.01144	0.42937	0.34257	0.89498	0.42204	0.62373
579185.014141616.4	579185	4141616	0.91482	0.39007	0.31497	0.77787	0.38048	0.5527
579205.014141616.4	579205	4141616	0.83123	0.35562	0.2905	0.68298	0.34508	0.49299
579225.014141616.4	579225	4141616	0.75839	0.32549	0.26872	0.60486	0.31465	0.44228
579245.014141616.4	579245	4141616	0.69442	0.2989	0.24922	0.53951	0.28821	0.39933
579265.014141616.4	579265	4141616	0.63795	0.27552	0.2317	0.48423	0.26506	0.36266
579285.014141616.4	579285	4141616	0.58553	0.25326	0.21545	0.43516	0.24421	0.32862
579305.014141616.4	579305	4141616	0.54199	0.23517	0.20147	0.39544	0.22643	0.30158
579325.014141616.4	579325	4141616	0.5033	0.21906	0.18882	0.36121	0.21063	0.27798
579345.014141616.4	579345	4141616	0.46799	0.20487	0.17705	0.33065	0.1962	0.25773
578385.014141636.4	578385	4141636	0.15318	0.10359	0.11359	0.05358	0.13094	0.08075
578405.014141636.4	578405	4141636	0.17015	0.11747	0.12943	0.05828	0.15078	0.09041
578425.014141636.4	578425	4141636	0.19012	0.13433	0.14873	0.06364	0.17536	0.10196
578445.014141636.4	578445	4141636	0.21398	0.15517	0.17267	0.06981	0.20638	0.11603
578465.014141636.4	578465	4141636	0.2426	0.18117	0.20257	0.07692	0.24594	0.1333
578485.014141636.4	578485	4141636	0.27674	0.21362	0.23988	0.08502	0.29646	0.15448
578505.014141636.4	578505	4141636	0.31964	0.25626	0.28882	0.09474	0.36445	0.18185
578525.014141636.4	578525	4141636	0.37416	0.31326	0.35385	0.10645	0.45755	0.21779
578545.014141636.4	578545	4141636	0.44077	0.38744	0.43752	0.11985	0.58179	0.26367
578565.014141636.4	578565	4141636	0.52882	0.49128	0.55274	0.13645	0.75942	0.32679
578585.014141636.4	578585	4141636	0.64646	0.63849	0.71219	0.15704	1.01531	0.4147
578605.014141636.4	578605	4141636	0.80202	0.84512	0.92894	0.18191	1.37739	0.53594
578625.014141636.4	578625	4141636	1.01307	1.13654	1.2242	0.2125	1.88316	0.70424
578645.014141636.4	578645	4141636	1.3119	1.54498	1.62664	0.25167	2.56055	0.93716
578665.014141636.4	578665	4141636	1.73942	2.07861	2.15108	0.30209	3.35218	1.23927
578685.014141636.4	578685	4141636	2.37462	2.72587	2.80828	0.37052	4.10557	1.60802
578705.014141636.4	578705	4141636	3.31038	3.43172	3.56266	0.46407	4.59979	2.01977
578725.014141636.4	578725	4141636	4.643	4.1312	4.33057	0.59085	4.73182	2.44483

579045.014141636.4	579045	4141636	1.68157	0.72311	0.49326	2.11191	0.83151	1.27788
579065.014141636.4	579065	4141636	1.46507	0.63243	0.4495	1.67053	0.70776	1.05338
579085.014141636.4	579085	4141636	1.29374	0.56094	0.41115	1.36435	0.61189	0.89141
579105.014141636.4	579105	4141636	1.15331	0.5022	0.37726	1.142	0.53571	0.7678
579125.014141636.4	579125	4141636	1.03675	0.45232	0.34721	0.97364	0.47409	0.66926
579165.014141636.4	579165	4141636	0.85276	0.37369	0.2962	0.73468	0.38043	0.52585
579185.014141636.4	579185	4141636	0.77928	0.34171	0.2747	0.6486	0.3445	0.47018
579205.014141636.4	579205	4141636	0.71457	0.31362	0.25524	0.57669	0.31361	0.42361
579225.014141636.4	579225	4141636	0.6574	0.28868	0.23768	0.51631	0.28691	0.38363
579245.014141636.4	579245	4141636	0.60657	0.26675	0.22176	0.46494	0.26362	0.34944
579265.014141636.4	579265	4141636	0.5611	0.24681	0.20735	0.42095	0.24321	0.31911
579285.014141636.4	579285	4141636	0.5194	0.22872	0.19406	0.38199	0.22499	0.29218
579305.014141636.4	579305	4141636	0.4832	0.21316	0.18217	0.34919	0.20902	0.2695
579325.014141636.4	579325	4141636	0.45045	0.19911	0.17129	0.32039	0.19474	0.24935
579345.014141636.4	579345	4141636	0.42102	0.18655	0.16131	0.2953	0.18191	0.23162
578385.014141656.4	578385	4141656	0.1626	0.11172	0.1234	0.0558	0.14266	0.08619
578405.014141656.4	578405	4141656	0.18142	0.12743	0.14141	0.06085	0.1653	0.097
578425.014141656.4	578425	4141656	0.20327	0.14629	0.16307	0.06651	0.19296	0.10978
578445.014141656.4	578445	4141656	0.22986	0.17001	0.19033	0.07314	0.22842	0.12562
578465.014141656.4	578465	4141656	0.26301	0.2006	0.22547	0.08109	0.27501	0.14574
578485.014141656.4	578485	4141656	0.30228	0.23846	0.26878	0.09005	0.33378	0.17021
578505.014141656.4	578505	4141656	0.35333	0.28943	0.32682	0.10118	0.4143	0.20267
578525.014141656.4	578525	4141656	0.41354	0.35284	0.39815	0.11349	0.51618	0.24233
578545.014141656.4	578545	4141656	0.49135	0.43818	0.4929	0.12851	0.65514	0.29491
578565.014141656.4	578565	4141656	0.59337	0.55437	0.61953	0.14699	0.84566	0.36543
578585.014141656.4	578585	4141656	0.72805	0.71254	0.78803	0.16974	1.10453	0.46012
578605.014141656.4	578605	4141656	0.90861	0.92735	1.01124	0.19805	1.44993	0.58715
578625.014141656.4	578625	4141656	1.15712	1.21668	1.30532	0.23431	1.89446	0.75682
578645.014141656.4	578645	4141656	1.49266	1.58052	1.67174	0.27947	2.40463	0.96922
578665.014141656.4	578665	4141656	1.95936	2.01509	2.11445	0.33838	2.91236	1.22457
578685.014141656.4	578685	4141656	2.63447	2.51568	2.63317	0.42108	3.33278	1.5259
578705.014141656.4	578705	4141656	3.54124	3.00617	3.14901	0.52876	3.53025	1.83506
578725.014141656.4	578725	4141656	4.81392	3.50977	3.63255	0.68454	3.60003	2.1767
579005.014141656.4	579005	4141656	1.81166	0.81193	0.48137	2.50269	1.0264	1.47287
579025.014141656.4	579025	4141656	1.54523	0.69159	0.43849	1.92618	0.84499	1.17505
579045.014141656.4	579045	4141656	1.34139	0.60051	0.40199	1.53236	0.71251	0.96867
579065.014141656.4	579065	4141656	1.18252	0.53026	0.37023	1.25213	0.6119	0.82002
579085.014141656.4	579085	4141656	1.054	0.47357	0.34216	1.04725	0.53317	0.70707
579105.014141656.4	579105	4141656	0.94874	0.42699	0.31712	0.89332	0.47014	0.61918
579125.014141656.4	579125	4141656	0.86072	0.38742	0.29458	0.77433	0.41862	0.54896
579145.014141656.4	579145	4141656	0.78583	0.35355	0.27423	0.67986	0.37588	0.49034
579185.014141656.4	579185	4141656	0.66438	0.29847	0.239	0.53898	0.30925	0.39885
579205.014141656.4	579205	4141656	0.61408	0.27573	0.22365	0.48484	0.28278	0.36301
579225.014141656.4	579225	4141656	0.56922	0.25544	0.20961	0.43862	0.25976	0.33187
579245.014141656.4	579245	4141656	0.52891	0.23743	0.19673	0.39867	0.23956	0.30511
579265.014141656.4	579265	4141656	0.49228	0.22039	0.18499	0.36415	0.22184	0.27974
579285.014141656.4	579285	4141656	0.4591	0.2056	0.17413	0.33329	0.20601	0.25838
579305.014141656.4	579305	4141656	0.42976	0.19268	0.16419	0.30715	0.19194	0.24005
579325.014141656.4	579325	4141656	0.40201	0.18036	0.1549	0.28289	0.17919	0.22279
579345.014141656.4	579345	4141656	0.3771	0.16938	0.14636	0.26176	0.16774	0.20763
578385.014141676.4	578385	4141676	0.17389	0.12137	0.13488	0.05843	0.15632	0.09265
578405.014141676.4	578405	4141676	0.19449	0.13886	0.15494	0.06378	0.18157	0.10456
578425.014141676.4	578425	4141676	0.21899	0.16028	0.1795	0.06992	0.21297	0.11895
578445.014141676.4	578445	4141676	0.24909	0.18737	0.21052	0.07719	0.25328	0.13689
578465.014141676.4	578465	4141676	0.28682	0.22233	0.2504	0.08594	0.30601	0.15972
578485.014141676.4	578485	4141676	0.33185	0.2656	0.29944	0.09589	0.37213	0.18755
578505.014141676.4	578505	4141676	0.39068	0.32352	0.36459	0.10834	0.46146	0.22434
578525.014141676.4	578525	4141676	0.46056	0.39506	0.44393	0.12224	0.57263	0.26908
578545.014141676.4	578545	4141676	0.55045	0.48919	0.54683	0.13921	0.71906	0.32723
578565.014141676.4	578565	4141676	0.66693	0.61292	0.67973	0.16001	0.90999	0.40283
578585.014141676.4	578585	4141676	0.81974	0.77499	0.85056	0.18581	1.15476	0.50098
578605.014141676.4	578605	4141676	1.02049	0.9825	1.06549	0.21784	1.45501	0.62592
578625.014141676.4	578625	4141676	1.29132	1.24442	1.33338	0.25912	1.80506	0.78365
578645.014141676.4	578645	4141676	1.65855	1.55985	1.65444	0.31323	2.17199	0.97537
578665.014141676.4	578665	4141676	2.15064	1.91197	2.0138	0.38428	2.49323	1.19445
578685.014141676.4	578685	4141676	2.79295	2.26861	2.37652	0.4768	2.6999	1.42697
578705.014141676.4	578705	4141676	3.64503	2.62491	2.71297	0.6057	2.80494	1.67831
578985.014141676.4	578985	4141676	1.68399	0.77093	0.43086	2.18917	1.01068	1.33041
579005.014141676.4	579005	4141676	1.43412	0.65463	0.3916	1.71241	0.82808	1.06992
579025.014141676.4	579025	4141676	1.24095	0.56667	0.35916	1.37659	0.69598	0.8851
579045.014141676.4	579045	4141676	1.08905	0.49871	0.33159	1.13414	0.59624	0.75046
579065.014141676.4	579065	4141676	0.96751	0.44382	0.30775	0.95233	0.51901	0.64659
579085.014141676.4	579085	4141676	0.86919	0.39984	0.28666	0.81321	0.45731	0.5671

579105.014141676.4	579105	4141676	0.78843	0.36271	0.26783	0.70599	0.40722	0.50284
579125.014141676.4	579125	4141676	0.72071	0.33129	0.2508	0.62135	0.36575	0.45015
579145.014141676.4	579145	4141676	0.66277	0.30444	0.23525	0.55272	0.33082	0.40682
579165.014141676.4	579165	4141676	0.61229	0.28102	0.22095	0.49569	0.30097	0.37064
579185.014141676.4	579185	4141676	0.568	0.26036	0.20784	0.44797	0.27538	0.33888
579205.014141676.4	579205	4141676	0.52871	0.24199	0.1958	0.40737	0.2532	0.31113
579225.014141676.4	579225	4141676	0.49334	0.22554	0.18465	0.37213	0.23373	0.28667
579245.014141676.4	579245	4141676	0.46129	0.21072	0.17429	0.34122	0.21649	0.2655
579265.014141676.4	579265	4141676	0.43226	0.19731	0.16472	0.31415	0.20123	0.24637
579285.014141676.4	579285	4141676	0.40584	0.18482	0.15589	0.2903	0.18767	0.22856
579305.014141676.4	579305	4141676	0.38068	0.17313	0.14755	0.26827	0.17533	0.21238
579325.014141676.4	579325	4141676	0.35903	0.16329	0.14	0.24976	0.16441	0.19896
579345.014141676.4	579345	4141676	0.33885	0.15444	0.13288	0.23264	0.15442	0.18704
578385.014141696.4	578385	4141696	0.18675	0.13216	0.1475	0.06139	0.17119	0.09988
578405.014141696.4	578405	4141696	0.20978	0.15184	0.16999	0.06721	0.19945	0.11319
578425.014141696.4	578425	4141696	0.2381	0.17658	0.19823	0.07414	0.23539	0.12972
578445.014141696.4	578445	4141696	0.27321	0.20795	0.23389	0.08242	0.28139	0.15042
578465.014141696.4	578465	4141696	0.31494	0.2463	0.27719	0.09184	0.33812	0.17539
578485.014141696.4	578485	4141696	0.36558	0.29401	0.33061	0.10278	0.40913	0.20607
578505.014141696.4	578505	4141696	0.43178	0.3571	0.40057	0.11658	0.50302	0.24625
578525.014141696.4	578525	4141696	0.51341	0.43618	0.4871	0.13279	0.62031	0.29607
578565.014141696.4	578565	4141696	0.74497	0.66102	0.72732	0.17561	0.94597	0.43593
578585.014141696.4	578585	4141696	0.91315	0.81879	0.89212	0.20502	1.16306	0.53355
578605.014141696.4	578605	4141696	1.131	1.01148	1.09069	0.24195	1.41077	0.65309
578625.014141696.4	578625	4141696	1.41308	1.23762	1.32146	0.28878	1.67073	0.7949
578645.014141696.4	578645	4141696	1.78804	1.49773	1.5837	0.35149	1.92171	0.96221
578665.014141696.4	578665	4141696	2.26497	1.76858	1.85174	0.43277	2.11689	1.14446
578685.014141696.4	578685	4141696	2.8597	2.0311	2.09649	0.53955	2.23556	1.33551
578945.014141696.4	578945	4141696	1.85246	0.84396	0.44577	2.46207	1.11388	1.48858
578965.014141696.4	578965	4141696	1.55997	0.70617	0.39619	1.91879	0.91134	1.1894
578985.014141696.4	578985	4141696	1.33419	0.60443	0.35698	1.51756	0.761	0.9681
579005.014141696.4	579005	4141696	1.15589	0.52579	0.3254	1.22822	0.64706	0.8051
579025.014141696.4	579025	4141696	1.01208	0.463	0.29949	1.0185	0.55903	0.68325
579045.014141696.4	579045	4141696	0.89633	0.41251	0.27771	0.86063	0.48946	0.59028
579065.014141696.4	579065	4141696	0.80251	0.37161	0.25897	0.73787	0.43327	0.51799
579085.014141696.4	579085	4141696	0.72586	0.33723	0.24256	0.64148	0.38721	0.45982
579105.014141696.4	579105	4141696	0.66237	0.30835	0.22792	0.56491	0.34881	0.4126
579125.014141696.4	579125	4141696	0.609	0.28362	0.21472	0.50341	0.31645	0.37274
579145.014141696.4	579145	4141696	0.5632	0.26238	0.20262	0.45268	0.28867	0.34022
579165.014141696.4	579165	4141696	0.52336	0.24369	0.19148	0.41025	0.26466	0.31263
579185.014141696.4	579185	4141696	0.48807	0.22711	0.18113	0.37402	0.24367	0.28826
579205.014141696.4	579205	4141696	0.45694	0.21229	0.17162	0.34323	0.22542	0.26685
579225.014141696.4	579225	4141696	0.42876	0.19894	0.16273	0.31618	0.2092	0.24788
579245.014141696.4	579245	4141696	0.40321	0.18666	0.15445	0.29241	0.1948	0.23038
579265.014141696.4	579265	4141696	0.37977	0.17579	0.14667	0.27111	0.18183	0.21569
579285.014141696.4	579285	4141696	0.35834	0.16569	0.13943	0.25217	0.17021	0.20191
579305.014141696.4	579305	4141696	0.33832	0.15586	0.13267	0.23519	0.15976	0.18843
579325.014141696.4	579325	4141696	0.32038	0.14774	0.12631	0.21981	0.15023	0.17763
579345.014141696.4	579345	4141696	0.30345	0.14002	0.12034	0.20581	0.14154	0.16762
578385.014141716.4	578385	4141716	0.20168	0.14426	0.16137	0.06489	0.18729	0.10806
578405.014141716.4	578405	4141716	0.22805	0.16664	0.18679	0.07143	0.21903	0.12315
578425.014141716.4	578425	4141716	0.26057	0.1947	0.21855	0.07925	0.25907	0.14187
578445.014141716.4	578445	4141716	0.29975	0.22913	0.25728	0.08834	0.30844	0.1646
578465.014141716.4	578465	4141716	0.34572	0.27039	0.30331	0.09858	0.36781	0.19153
578485.014141716.4	578485	4141716	0.4028	0.32214	0.36052	0.11086	0.44212	0.225
578505.014141716.4	578505	4141716	0.47746	0.38969	0.43437	0.12653	0.5383	0.26844
578525.014141716.4	578525	4141716	0.57058	0.47362	0.52492	0.14546	0.65609	0.32208
578605.014141716.4	578605	4141716	1.22537	1.01269	1.08382	0.26887	1.33159	0.66705
578625.014141716.4	578625	4141716	1.51308	1.20624	1.27741	0.32316	1.52426	0.79551
578645.014141716.4	578645	4141716	1.87432	1.41347	1.47901	0.39379	1.69316	0.9392
578665.014141716.4	578665	4141716	2.30706	1.61436	1.66418	0.48321	1.81221	1.08911
578685.014141716.4	578685	4141716	2.82768	1.80666	1.81735	0.60312	1.89644	1.2498
578905.014141716.4	578905	4141716	2.03636	0.85535	0.49261	2.72789	1.04096	1.606
578925.014141716.4	578925	4141716	1.70849	0.72047	0.42763	2.19462	0.85831	1.31123
578945.014141716.4	578945	4141716	1.44867	0.62148	0.37612	1.7391	0.73878	1.07182
578965.014141716.4	578965	4141716	1.2434	0.54156	0.33514	1.38264	0.64335	0.88124
578985.014141716.4	578985	4141716	1.0794	0.47656	0.30242	1.11805	0.56421	0.73511
579005.014141716.4	579005	4141716	0.94657	0.42284	0.27605	0.92541	0.49841	0.62416
579025.014141716.4	579025	4141716	0.83779	0.37899	0.25442	0.7825	0.44334	0.54029
579045.014141716.4	579045	4141716	0.74841	0.34222	0.23639	0.67263	0.39722	0.474
579065.014141716.4	579065	4141716	0.67479	0.31109	0.22105	0.58571	0.35831	0.42031
579085.014141716.4	579085	4141716	0.61378	0.28517	0.20769	0.51576	0.3251	0.37728
579105.014141716.4	579105	4141716	0.56266	0.26284	0.19583	0.45888	0.29644	0.34238

579125.014141716.4	579125	4141716	0.51971	0.2435	0.18526	0.41292	0.27187	0.31238
579145.014141716.4	579145	4141716	0.48281	0.22661	0.17563	0.3747	0.25039	0.28663
579165.014141716.4	579165	4141716	0.4506	0.2117	0.16673	0.34229	0.2314	0.26537
579185.014141716.4	579185	4141716	0.42215	0.19838	0.15848	0.31453	0.2146	0.24639
579205.014141716.4	579205	4141716	0.39697	0.18641	0.15087	0.29071	0.19978	0.22962
579225.014141716.4	579225	4141716	0.37422	0.17555	0.14372	0.26973	0.18649	0.21466
579245.014141716.4	579245	4141716	0.35315	0.16495	0.13705	0.25115	0.17458	0.19995
579265.014141716.4	579265	4141716	0.33455	0.15634	0.13074	0.23447	0.16375	0.18844
579285.014141716.4	579285	4141716	0.31706	0.1481	0.1248	0.21942	0.15395	0.17752
579305.014141716.4	579305	4141716	0.30042	0.13986	0.11922	0.2055	0.14504	0.16669
579325.014141716.4	579325	4141716	0.28563	0.13293	0.11395	0.19341	0.1369	0.15768
579345.014141716.4	579345	4141716	0.2719	0.12667	0.10898	0.18209	0.12944	0.14962
578385.014141736.4	578385	4141736	0.21865	0.15738	0.17607	0.06897	0.204	0.11706
578405.014141736.4	578405	4141736	0.24905	0.18271	0.20459	0.07645	0.23922	0.13417
578425.014141736.4	578425	4141736	0.28525	0.21328	0.23883	0.08509	0.28184	0.15462
578445.014141736.4	578445	4141736	0.32752	0.24949	0.27907	0.09484	0.33234	0.17863
578465.014141736.4	578465	4141736	0.3786	0.29356	0.32761	0.10628	0.39359	0.20763
578485.014141736.4	578485	4141736	0.44241	0.34851	0.38752	0.12024	0.46926	0.24359
578505.014141736.4	578505	4141736	0.53079	0.42365	0.46517	0.13926	0.56684	0.2929
578625.014141736.4	578625	4141736	1.57655	1.15329	1.2058	0.35901	1.37853	0.78528
578645.014141736.4	578645	4141736	1.9006	1.30968	1.34889	0.43408	1.48812	0.90458
578665.014141736.4	578665	4141736	2.2788	1.45895	1.47045	0.53118	1.56981	1.031
578865.014141736.4	578865	4141736	2.25601	1.04504	0.56263	2.6069	1.38577	1.68737
578885.014141736.4	578885	4141736	1.91314	0.81613	0.4828	2.32222	0.98573	1.42851
578905.014141736.4	578905	4141736	1.61284	0.66231	0.41824	1.9558	0.75013	1.18795
578925.014141736.4	578925	4141736	1.36641	0.55805	0.36584	1.60223	0.613	0.98269
578945.014141736.4	578945	4141736	1.17046	0.48531	0.32329	1.29557	0.52998	0.81617
578965.014141736.4	578965	4141736	1.01583	0.42845	0.28895	1.05098	0.47236	0.68205
578985.014141736.4	578985	4141736	0.89145	0.38341	0.26111	0.86533	0.42597	0.57963
579005.014141736.4	579005	4141736	0.78947	0.34542	0.23849	0.7276	0.38653	0.50023
579025.014141736.4	579025	4141736	0.70473	0.3131	0.21992	0.62345	0.35219	0.4379
579045.014141736.4	579045	4141736	0.634	0.28551	0.20447	0.54198	0.32205	0.38786
579065.014141736.4	579065	4141736	0.57485	0.26236	0.19137	0.47645	0.29545	0.34771
579085.014141736.4	579085	4141736	0.52529	0.24253	0.18007	0.42317	0.27196	0.315
579105.014141736.4	579105	4141736	0.48341	0.2251	0.17012	0.37942	0.25108	0.28765
579125.014141736.4	579125	4141736	0.4481	0.20987	0.16136	0.34379	0.23276	0.26422
579145.014141736.4	579145	4141736	0.41771	0.19643	0.15343	0.31398	0.21638	0.24427
579165.014141736.4	579165	4141736	0.39118	0.18447	0.14615	0.28864	0.20166	0.22705
579185.014141736.4	579185	4141736	0.36775	0.17373	0.13941	0.26682	0.18839	0.21199
579205.014141736.4	579205	4141736	0.34704	0.16403	0.1332	0.24805	0.17653	0.19864
579225.014141736.4	579225	4141736	0.32836	0.15518	0.12739	0.23149	0.16577	0.18668
579245.014141736.4	579245	4141736	0.31135	0.147	0.12192	0.21673	0.15599	0.17554
579265.014141736.4	579265	4141736	0.29558	0.13915	0.11676	0.20345	0.14706	0.16525
579285.014141736.4	579285	4141736	0.28124	0.13233	0.11187	0.19142	0.13888	0.15641
579305.014141736.4	579305	4141736	0.26799	0.12627	0.10724	0.18045	0.13135	0.14868
579325.014141736.4	579325	4141736	0.25555	0.12031	0.10286	0.17042	0.12445	0.14113
579345.014141736.4	579345	4141736	0.24388	0.11473	0.09869	0.16114	0.11805	0.13413
578385.014141756.4	578385	4141756	0.23854	0.17189	0.19196	0.07398	0.22163	0.12723
578405.014141756.4	578405	4141756	0.27188	0.19903	0.2222	0.08218	0.25852	0.14565
578425.014141756.4	578425	4141756	0.31119	0.23128	0.25787	0.0916	0.30224	0.16738
578445.014141756.4	578445	4141756	0.35811	0.26988	0.3002	0.10259	0.35431	0.19324
578465.014141756.4	578465	4141756	0.41429	0.31604	0.35032	0.11546	0.41601	0.22403
578485.014141756.4	578485	4141756	0.48823	0.37548	0.41414	0.13243	0.49415	0.26375
578845.014141756.4	578845	4141756	2.08534	0.9866	0.54873	2.0906	1.28761	1.45219
578865.014141756.4	578865	4141756	1.80205	0.79019	0.47362	1.95445	0.95582	1.27155
578885.014141756.4	578885	4141756	1.54001	0.64403	0.41158	1.72169	0.73251	1.0852
578905.014141756.4	578905	4141756	1.31195	0.53649	0.36009	1.46178	0.58136	0.91524
578925.014141756.4	578925	4141756	1.12241	0.45674	0.31735	1.21569	0.47972	0.76835
578945.014141756.4	578945	4141756	0.97093	0.39745	0.28201	1.00206	0.41342	0.64606
578965.014141756.4	578965	4141756	0.84992	0.35285	0.25285	0.82846	0.36809	0.5491
578985.014141756.4	578985	4141756	0.75182	0.31715	0.22894	0.69437	0.33454	0.47188
579005.014141756.4	579005	4141756	0.67051	0.28763	0.20926	0.59171	0.30733	0.41152
579025.014141756.4	579025	4141756	0.60223	0.26289	0.19299	0.51195	0.28396	0.36372
579045.014141756.4	579045	4141756	0.54463	0.24201	0.17939	0.44835	0.26329	0.32528
579065.014141756.4	579065	4141756	0.49602	0.22379	0.16791	0.39674	0.24477	0.29364
579085.014141756.4	579085	4141756	0.45494	0.20796	0.15807	0.35446	0.22808	0.26735

			Phase II		Phase III		All Phases
XY	X	Y	Demolition	Construction	Demolition	Construction	Haul
578385.014141176.4	578385	4141176	0.03083	0.03021	0.05159	0.05063	0.04412
578405.014141176.4	578405	4141176	0.03344	0.03274	0.05732	0.05615	0.04631
578425.014141176.4	578425	4141176	0.03648	0.03568	0.0641	0.06267	0.04897
578445.014141176.4	578445	4141176	0.04005	0.03913	0.07223	0.07045	0.05358
578465.014141176.4	578465	4141176	0.04396	0.0429	0.08134	0.07916	0.05528
578485.014141176.4	578485	4141176	0.04857	0.04735	0.0923	0.08956	0.05974
578505.014141176.4	578505	4141176	0.05503	0.0527	0.10771	0.10219	0.06437
578525.014141176.4	578525	4141176	0.06147	0.05878	0.12337	0.11672	0.0687
578545.014141176.4	578545	4141176	0.06923	0.06734	0.14222	0.13648	0.07545
578565.014141176.4	578565	4141176	0.07812	0.07585	0.16387	0.15399	0.07951
578585.014141176.4	578585	4141176	0.08884	0.08608	0.18975	0.18006	0.08854
578605.014141176.4	578605	4141176	0.10159	0.09819	0.22019	0.20761	0.0975
578625.014141176.4	578625	4141176	0.11653	0.11232	0.25533	0.23617	0.10003
578645.014141176.4	578645	4141176	0.13445	0.12676	0.29677	0.27261	0.10823
578665.014141176.4	578665	4141176	0.15657	0.14992	0.34691	0.31642	0.11931
578685.014141176.4	578685	4141176	0.18386	0.17532	0.4077	0.37366	0.13911
578705.014141176.4	578705	4141176	0.21599	0.2051	0.47825	0.43502	0.15378
578725.014141176.4	578725	4141176	0.2544	0.24055	0.56164	0.50699	0.17076
578745.014141176.4	578745	4141176	0.30095	0.28332	0.66191	0.59274	0.19123
578765.014141176.4	578765	4141176	0.35537	0.33323	0.77819	0.69134	0.21376
578785.014141176.4	578785	4141176	0.42109	0.39336	0.91736	0.80823	0.24119
578805.014141176.4	578805	4141176	0.49989	0.46532	1.08139	0.94471	0.27378
578825.014141176.4	578825	4141176	0.59617	0.553	1.27557	1.105	0.31352
578845.014141176.4	578845	4141176	0.71429	0.66011	1.50102	1.29016	0.36071
578865.014141176.4	578865	4141176	0.85292	0.78544	1.74429	1.49027	0.41075
578885.014141176.4	578885	4141176	1.02282	0.93805	2.00874	1.7096	0.46693
578905.014141176.4	578905	4141176	1.22757	1.12081	2.27934	1.93846	0.52566
578925.014141176.4	578925	4141176	1.47394	1.33938	2.54219	2.16855	0.58609
578945.014141176.4	578945	4141176	1.76666	1.598	2.77935	2.38807	0.64609
578965.014141176.4	578965	4141176	2.09294	1.88678	2.96248	2.57418	0.70116
578985.014141176.4	578985	4141176	2.44626	2.20207	3.08032	2.71645	0.75141
579005.014141176.4	579005	4141176	2.80511	2.52816	3.12181	2.80176	0.79562
579025.014141176.4	579025	4141176	3.15983	2.86091	3.09468	2.83235	0.83925
579045.014141176.4	579045	4141176	3.47881	3.17684	3.0038	2.80606	0.88421
579065.014141176.4	579065	4141176	3.72603	3.44568	2.85864	2.72502	0.92999
579085.014141176.4	579085	4141176	3.86966	3.63555	2.67074	2.59489	0.97564
579105.014141176.4	579105	4141176	3.90188	3.7332	2.45924	2.43089	1.02388
579125.014141176.4	579125	4141176	3.82373	3.73009	2.23843	2.24592	1.07537
579145.014141176.4	579145	4141176	3.64866	3.62866	2.01886	2.05119	1.12997
579165.014141176.4	579165	4141176	3.39665	3.43974	1.80621	1.8542	1.18604
579185.014141176.4	579185	4141176	3.10687	3.19717	1.61368	1.66987	1.24982
579205.014141176.4	579205	4141176	2.79295	2.91293	1.43584	1.49526	1.3149
579225.014141176.4	579225	4141176	2.48193	2.61572	1.27718	1.33646	1.38429
578385.014141196.4	578385	4141196	0.03048	0.02988	0.05075	0.04984	0.04501
578405.014141196.4	578405	4141196	0.03299	0.03231	0.05637	0.05527	0.0472
578425.014141196.4	578425	4141196	0.03594	0.03517	0.06306	0.06172	0.04991
578445.014141196.4	578445	4141196	0.03929	0.03842	0.07085	0.06919	0.05271
578465.014141196.4	578465	4141196	0.04319	0.04218	0.08009	0.07803	0.05737
578485.014141196.4	578485	4141196	0.04863	0.04658	0.09112	0.08854	0.06134
578505.014141196.4	578505	4141196	0.05399	0.05169	0.10626	0.10095	0.0654
578525.014141196.4	578525	4141196	0.06035	0.05776	0.12223	0.11583	0.07047
578545.014141196.4	578545	4141196	0.06786	0.06608	0.1412	0.13576	0.0761
578565.014141196.4	578565	4141196	0.07677	0.07462	0.16373	0.15657	0.08682
578585.014141196.4	578585	4141196	0.08731	0.08469	0.19033	0.18092	0.09332
578605.014141196.4	578605	4141196	0.0997	0.0965	0.22142	0.2091	0.09588
578625.014141196.4	578625	4141196	0.11458	0.11062	0.25827	0.239	0.10231
578645.014141196.4	578645	4141196	0.1331	0.12809	0.30328	0.28226	0.11549
578665.014141196.4	578665	4141196	0.15602	0.14957	0.35795	0.33045	0.13104
578685.014141196.4	578685	4141196	0.1831	0.17483	0.42142	0.38595	0.14435
578705.014141196.4	578705	4141196	0.21588	0.20524	0.49695	0.45147	0.15959
578725.014141196.4	578725	4141196	0.2556	0.24189	0.58717	0.52906	0.1775
578745.014141196.4	578745	4141196	0.3039	0.28625	0.69571	0.62151	0.19909
578765.014141196.4	578765	4141196	0.36274	0.34006	0.82668	0.73193	0.22508
578785.014141196.4	578785	4141196	0.43251	0.40372	0.98008	0.86001	0.25473
578805.014141196.4	578805	4141196	0.51779	0.48137	1.16424	1.01216	0.2913
578825.014141196.4	578825	4141196	0.62122	0.57528	1.38027	1.18906	0.33439
578845.014141196.4	578845	4141196	0.74907	0.69093	1.63279	1.3946	0.38628

578865.014141196.4	578865	4141196	0.90637	0.83249	1.91706	1.62598	0.44515
578885.014141196.4	578885	4141196	1.0939	1.00042	2.21529	1.87109	0.50679
578905.014141196.4	578905	4141196	1.32435	1.20526	2.52313	2.12952	0.57206
578925.014141196.4	578925	4141196	1.60533	1.45323	2.82082	2.38934	0.63884
578945.014141196.4	578945	4141196	1.9387	1.74609	3.0817	2.6323	0.70314
578965.014141196.4	578965	4141196	2.31839	2.07985	3.27988	2.83816	0.76272
578985.014141196.4	578985	4141196	2.71804	2.43437	3.38971	2.98254	0.81236
579005.014141196.4	579005	4141196	3.13909	2.81499	3.41816	3.06792	0.85993
579025.014141196.4	579025	4141196	3.55408	3.20413	3.36714	3.08889	0.90755
579045.014141196.4	579045	4141196	3.90885	3.55898	3.23801	3.03763	0.95361
579065.014141196.4	579065	4141196	4.17645	3.85843	3.05424	2.92803	1.00244
579085.014141196.4	579085	4141196	4.30629	4.04994	2.82253	2.76097	1.04885
579105.014141196.4	579105	4141196	4.3013	4.12837	2.57055	2.55992	1.09864
579125.014141196.4	579125	4141196	4.17006	4.08941	2.31654	2.34224	1.1536
579145.014141196.4	579145	4141196	3.93755	3.9439	2.07448	2.12342	1.21595
579165.014141196.4	579165	4141196	3.62494	3.70153	1.84436	1.90662	1.28056
579185.014141196.4	579185	4141196	3.26711	3.39224	1.63183	1.70005	1.34766
579205.014141196.4	579205	4141196	2.90095	3.05281	1.44281	1.5119	1.42046
579225.014141196.4	579225	4141196	2.55068	2.71102	1.27728	1.34424	1.4998
579245.014141196.4	579245	4141196	2.232	2.38801	1.13406	1.19728	1.58745
578385.014141216.4	578385	4141216	0.03025	0.02965	0.04992	0.04904	0.04601
578405.014141216.4	578405	4141216	0.03266	0.032	0.05545	0.05439	0.04823
578425.014141216.4	578425	4141216	0.03546	0.03471	0.06194	0.06067	0.05077
578445.014141216.4	578445	4141216	0.03869	0.03785	0.0696	0.06805	0.05359
578465.014141216.4	578465	4141216	0.04249	0.04152	0.07876	0.07683	0.05844
578485.014141216.4	578485	4141216	0.04783	0.04578	0.08967	0.08724	0.06246
578505.014141216.4	578505	4141216	0.05297	0.0507	0.10459	0.0995	0.06641
578525.014141216.4	578525	4141216	0.05924	0.05781	0.12079	0.11465	0.07192
578545.014141216.4	578545	4141216	0.06659	0.06489	0.13999	0.13487	0.08195
578565.014141216.4	578565	4141216	0.07531	0.07328	0.16298	0.15617	0.08875
578585.014141216.4	578585	4141216	0.08571	0.08324	0.19043	0.18137	0.09593
578605.014141216.4	578605	4141216	0.09793	0.09493	0.22266	0.21065	0.10298
578625.014141216.4	578625	4141216	0.11294	0.1092	0.26178	0.24583	0.11179
578645.014141216.4	578645	4141216	0.13171	0.12694	0.30991	0.28863	0.12331
578665.014141216.4	578665	4141216	0.15418	0.14806	0.36665	0.3386	0.1355
578685.014141216.4	578685	4141216	0.18183	0.1739	0.43515	0.39836	0.15
578705.014141216.4	578705	4141216	0.21508	0.2048	0.51602	0.46831	0.16571
578725.014141216.4	578725	4141216	0.25583	0.24243	0.6135	0.55185	0.18459
578745.014141216.4	578745	4141216	0.30617	0.28865	0.73224	0.65256	0.20794
578765.014141216.4	578765	4141216	0.36839	0.34547	0.87721	0.77414	0.23662
578785.014141216.4	578785	4141216	0.44396	0.41423	1.0508	0.91807	0.2705
578805.014141216.4	578805	4141216	0.53516	0.49701	1.25592	1.0863	0.31035
578825.014141216.4	578825	4141216	0.64753	0.59871	1.50009	1.28446	0.35865
578845.014141216.4	578845	4141216	0.78676	0.72425	1.7855	1.51446	0.41604
578925.014141216.4	578925	4141216	1.75114	1.57899	3.14203	2.64107	0.69814
578945.014141216.4	578945	4141216	2.13017	1.90995	3.42731	2.90893	0.76603
578965.014141216.4	578965	4141216	2.5802	2.3024	3.64489	3.14073	0.83139
578985.014141216.4	578985	4141216	3.05794	2.72306	3.75418	3.29777	0.88619
579005.014141216.4	579005	4141216	3.54852	3.16467	3.75826	3.37609	0.93531
579025.014141216.4	579025	4141216	4.01289	3.60069	3.66263	3.37065	0.98097
579045.014141216.4	579045	4141216	4.41037	4.00282	3.48698	3.28845	1.02809
579065.014141216.4	579065	4141216	4.69231	4.33061	3.25364	3.1405	1.07875
579085.014141216.4	579085	4141216	4.80619	4.52732	2.97543	2.93339	1.12893
579105.014141216.4	579105	4141216	4.75328	4.58147	2.68077	2.69203	1.18247
579125.014141216.4	579125	4141216	4.55795	4.49989	2.39494	2.44159	1.24457
579145.014141216.4	579145	4141216	4.24512	4.28827	2.12403	2.19167	1.31231
579165.014141216.4	579165	4141216	3.84882	3.96841	1.86977	1.94783	1.38165
579185.014141216.4	579185	4141216	3.42176	3.58907	1.64296	1.72382	1.4574
579205.014141216.4	579205	4141216	3.00316	3.19154	1.44576	1.52478	1.54216
579225.014141216.4	579225	4141216	2.6177	2.80704	1.27647	1.35124	1.63775
579245.014141216.4	579245	4141216	2.2653	2.44289	1.12709	1.19631	1.73666
578385.014141236.4	578385	4141236	0.03004	0.02944	0.04896	0.04811	0.04658
578405.014141236.4	578405	4141236	0.03247	0.0318	0.05453	0.05352	0.05078
578425.014141236.4	578425	4141236	0.03512	0.03439	0.06085	0.05964	0.05287
578445.014141236.4	578445	4141236	0.03823	0.03741	0.06837	0.0669	0.05621
578465.014141236.4	578465	4141236	0.04186	0.04093	0.07732	0.07552	0.05983
578485.014141236.4	578485	4141236	0.04709	0.04503	0.08804	0.08578	0.06354
578505.014141236.4	578505	4141236	0.05226	0.05003	0.10323	0.09847	0.06867
578525.014141236.4	578525	4141236	0.05832	0.05694	0.11937	0.11576	0.07888
578545.014141236.4	578545	4141236	0.06529	0.06368	0.13831	0.13356	0.08361
578565.014141236.4	578565	4141236	0.07377	0.07186	0.16157	0.15519	0.0906
578585.014141236.4	578585	4141236	0.08406	0.08174	0.18995	0.18132	0.0984
578605.014141236.4	578605	4141236	0.09612	0.0933	0.22337	0.21178	0.10605

578625.014141236.4	578625	4141236	0.11086	0.10737	0.26398	0.24836	0.115
578645.014141236.4	578645	4141236	0.12929	0.12485	0.31409	0.29299	0.12665
578665.014141236.4	578665	4141236	0.15185	0.14612	0.37454	0.34621	0.13984
578685.014141236.4	578685	4141236	0.17975	0.17225	0.44797	0.41015	0.15528
578705.014141236.4	578705	4141236	0.21377	0.20394	0.53587	0.48595	0.17253
578725.014141236.4	578725	4141236	0.25569	0.24272	0.64218	0.5767	0.19299
578745.014141236.4	578745	4141236	0.30739	0.29023	0.77104	0.68555	0.2175
578765.014141236.4	578765	4141236	0.37211	0.34932	0.92988	0.81809	0.24805
578785.014141236.4	578785	4141236	0.45378	0.42346	1.12711	0.98043	0.28721
578805.014141236.4	578805	4141236	0.55223	0.51255	1.35916	1.16919	0.33206
578825.014141236.4	578825	4141236	0.67492	0.62317	1.63784	1.39317	0.38689
578945.014141236.4	578945	4141236	2.35948	2.10479	3.83761	3.23551	0.84049
578965.014141236.4	578965	4141236	2.87177	2.54821	4.05716	3.4804	0.90575
578985.014141236.4	578985	4141236	3.45397	3.05636	4.16584	3.6546	0.96607
579005.014141236.4	579005	4141236	4.02538	3.56806	4.13353	3.71905	1.01539
579025.014141236.4	579025	4141236	4.56191	4.07232	3.98752	3.68539	1.06196
579045.014141236.4	579045	4141236	5.00255	4.52501	3.7513	3.56087	1.10937
579065.014141236.4	579065	4141236	5.28736	4.87484	3.4539	3.36133	1.16002
579085.014141236.4	579085	4141236	5.38339	5.08358	3.12897	3.11254	1.21794
579105.014141236.4	579105	4141236	5.26831	5.1068	2.79078	2.82832	1.27842
579125.014141236.4	579125	4141236	4.97776	4.95484	2.46384	2.53493	1.34473
579145.014141236.4	579145	4141236	4.55841	4.65173	2.15931	2.24798	1.41635
579165.014141236.4	579165	4141236	4.07377	4.24796	1.88792	1.98276	1.49659
579185.014141236.4	579185	4141236	3.5712	3.7887	1.64881	1.74272	1.58414
579205.014141236.4	579205	4141236	3.0944	3.32389	1.44326	1.5323	1.68236
579225.014141236.4	579225	4141236	2.66927	2.88957	1.26927	1.35169	1.79486
579245.014141236.4	579245	4141236	2.28542	2.48493	1.11554	1.19041	1.90926
578385.014141256.4	578385	4141256	0.03002	0.0294	0.0481	0.04724	0.04737
578405.014141256.4	578405	4141256	0.03233	0.03166	0.05351	0.05251	0.05161
578425.014141256.4	578425	4141256	0.03586	0.03425	0.06099	0.05869	0.05494
578445.014141256.4	578445	4141256	0.03888	0.03713	0.06718	0.06578	0.05782
578465.014141256.4	578465	4141256	0.04238	0.04047	0.07588	0.07418	0.06102
578485.014141256.4	578485	4141256	0.04651	0.04444	0.08811	0.08434	0.06485
578505.014141256.4	578505	4141256	0.05151	0.05037	0.10144	0.09695	0.07017
578525.014141256.4	578525	4141256	0.05731	0.05599	0.11732	0.114	0.07986
578545.014141256.4	578545	4141256	0.06405	0.06252	0.13625	0.13187	0.08156
578565.014141256.4	578565	4141256	0.07228	0.07047	0.1597	0.1538	0.09249
578585.014141256.4	578585	4141256	0.08235	0.08018	0.1887	0.18061	0.10082
578605.014141256.4	578605	4141256	0.09441	0.09176	0.22375	0.21265	0.1097
578625.014141256.4	578625	4141256	0.10871	0.10546	0.2655	0.2504	0.11855
578645.014141256.4	578645	4141256	0.12641	0.12234	0.3168	0.29619	0.12945
578665.014141256.4	578665	4141256	0.14894	0.14366	0.38112	0.35285	0.14375
578685.014141256.4	578685	4141256	0.17668	0.16975	0.45912	0.42073	0.15986
578705.014141256.4	578705	4141256	0.21164	0.20239	0.55556	0.50365	0.17962
578725.014141256.4	578725	4141256	0.25442	0.24208	0.67139	0.60217	0.20177
578745.014141256.4	578745	4141256	0.30779	0.2912	0.81307	0.72129	0.22831
578765.014141256.4	578765	4141256	0.37514	0.35274	0.98859	0.86693	0.26172
578785.014141256.4	578785	4141256	0.4607	0.43036	1.20718	1.04572	0.30396
578805.014141256.4	578805	4141256	0.56917	0.52819	1.47717	1.26322	0.35714
578965.014141256.4	578965	4141256	3.22594	2.84425	4.54286	3.88055	0.99244
578985.014141256.4	578985	4141256	3.89954	3.42683	4.6223	4.0508	1.05086
579005.014141256.4	579005	4141256	4.6028	4.05224	4.55562	4.10967	1.10493
579025.014141256.4	579025	4141256	5.2181	4.63157	4.34007	4.0339	1.15055
579045.014141256.4	579045	4141256	5.71299	5.15005	4.03233	3.8584	1.19994
579065.014141256.4	579065	4141256	6.00226	5.5331	3.66539	3.60136	1.25425
579085.014141256.4	579085	4141256	6.04981	5.73348	3.27936	3.29574	1.31723
579105.014141256.4	579105	4141256	5.83448	5.69545	2.88521	2.95493	1.3814
579125.014141256.4	579125	4141256	5.42317	5.45295	2.5176	2.61672	1.45425
579145.014141256.4	579145	4141256	4.88502	5.04622	2.1871	2.29834	1.53627
579165.014141256.4	579165	4141256	4.29565	4.53797	1.89846	2.01079	1.62909
579185.014141256.4	579185	4141256	3.71472	3.99079	1.6503	1.7575	1.73367
579205.014141256.4	579205	4141256	3.17548	3.45022	1.43679	1.53576	1.84817
579225.014141256.4	579225	4141256	2.70054	2.95304	1.25518	1.34472	1.97496
579245.014141256.4	579245	4141256	2.29229	2.51327	1.10014	1.18008	2.11275
579265.014141256.4	579265	4141256	1.94463	2.13226	0.96676	1.03738	2.25774
578385.014141276.4	578385	4141276	0.03111	0.03047	0.04873	0.04781	0.05183
578405.014141276.4	578405	4141276	0.03237	0.03167	0.05254	0.05154	0.0525
578425.014141276.4	578425	4141276	0.03576	0.03413	0.05867	0.05752	0.05578
578445.014141276.4	578445	4141276	0.03877	0.03704	0.0673	0.0647	0.0593
578465.014141276.4	578465	4141276	0.04214	0.04025	0.07597	0.07294	0.06254
578485.014141276.4	578485	4141276	0.04613	0.04407	0.08651	0.08294	0.06644
578505.014141276.4	578505	4141276	0.05081	0.04857	0.09929	0.09499	0.07122
578525.014141276.4	578525	4141276	0.05641	0.05513	0.115	0.10979	0.0765

578545.014141276.4	578545	4141276	0.06296	0.06149	0.13394	0.12993	0.08241
578565.014141276.4	578565	4141276	0.07081	0.0691	0.15719	0.1518	0.09354
578585.014141276.4	578585	4141276	0.08058	0.07854	0.18654	0.17908	0.10261
578605.014141276.4	578605	4141276	0.09225	0.08979	0.22221	0.21187	0.11179
578625.014141276.4	578625	4141276	0.10662	0.1036	0.26641	0.25197	0.12248
578645.014141276.4	578645	4141276	0.12385	0.1201	0.31964	0.29964	0.13366
578665.014141276.4	578665	4141276	0.14569	0.14088	0.38645	0.35862	0.14774
578685.014141276.4	578685	4141276	0.17316	0.16685	0.46944	0.43085	0.16504
578705.014141276.4	578705	4141276	0.20799	0.19952	0.5728	0.51959	0.18588
578725.014141276.4	578725	4141276	0.25233	0.24077	0.7018	0.62888	0.21121
578745.014141276.4	578745	4141276	0.30698	0.29123	0.85764	0.7593	0.24025
578765.014141276.4	578765	4141276	0.37764	0.35586	1.0548	0.92188	0.27779
578785.014141276.4	578785	4141276	0.46766	0.43754	1.3003	1.1212	0.32462
578985.014141276.4	578985	4141276	4.44646	3.87689	5.14998	4.51296	1.14771
579005.014141276.4	579005	4141276	5.2754	4.60807	5.0143	4.54093	1.20003
579025.014141276.4	579025	4141276	6.0299	5.31981	4.72955	4.42803	1.25151
579045.014141276.4	579045	4141276	6.57743	5.91017	4.33093	4.18444	1.30236
579065.014141276.4	579065	4141276	6.86232	6.3323	3.88552	3.85969	1.36261
579085.014141276.4	579085	4141276	6.80798	6.48239	3.41416	3.47242	1.42455
579105.014141276.4	579105	4141276	6.46824	6.37253	2.96938	3.07655	1.49847
579125.014141276.4	579125	4141276	5.90585	6.01359	2.5636	2.69346	1.58196
579145.014141276.4	579145	4141276	5.22707	5.47815	2.20975	2.34482	1.67882
579165.014141276.4	579165	4141276	4.51284	4.83848	1.90272	2.03292	1.78565
579185.014141276.4	579185	4141276	3.83396	4.17696	1.64144	1.76166	1.90481
579205.014141276.4	579205	4141276	3.22908	3.55217	1.42101	1.52923	2.03801
579225.014141276.4	579225	4141276	2.71146	2.99612	1.2355	1.3314	2.18641
579245.014141276.4	579245	4141276	2.27624	2.51711	1.07835	1.16238	2.34804
579265.014141276.4	579265	4141276	1.92204	2.12145	0.94737	1.02052	2.53071
578385.014141296.4	578385	4141296	0.0305	0.0298	0.04669	0.04571	0.05078
578405.014141296.4	578405	4141296	0.03359	0.03286	0.05332	0.05223	0.05997
578425.014141296.4	578425	4141296	0.03585	0.03425	0.05885	0.05648	0.05691
578445.014141296.4	578445	4141296	0.03871	0.03697	0.06598	0.06335	0.06019
578465.014141296.4	578465	4141296	0.04208	0.04021	0.07464	0.07168	0.06448
578485.014141296.4	578485	4141296	0.04595	0.04494	0.08498	0.08156	0.06863
578505.014141296.4	578505	4141296	0.05043	0.04931	0.09741	0.09334	0.07299
578525.014141296.4	578525	4141296	0.05575	0.05449	0.11269	0.10775	0.07809
578545.014141296.4	578545	4141296	0.06205	0.06062	0.1314	0.12774	0.08414
578565.014141296.4	578565	4141296	0.06961	0.06797	0.15453	0.14963	0.09441
578585.014141296.4	578585	4141296	0.07882	0.0769	0.18344	0.17671	0.10425
578605.014141296.4	578605	4141296	0.09017	0.08788	0.21979	0.21032	0.1139
578625.014141296.4	578625	4141296	0.10419	0.1014	0.26536	0.25188	0.12554
578645.014141296.4	578645	4141296	0.12142	0.11796	0.32187	0.30268	0.13836
578665.014141296.4	578665	4141296	0.14239	0.13804	0.39093	0.36386	0.15242
578685.014141296.4	578685	4141296	0.16936	0.16368	0.47883	0.44048	0.1703
578705.014141296.4	578705	4141296	0.20389	0.19627	0.5898	0.5357	0.19261
578725.014141296.4	578725	4141296	0.24815	0.23766	0.72939	0.6537	0.21985
578745.014141296.4	578745	4141296	0.30513	0.29046	0.90534	0.80019	0.25333
579005.014141296.4	579005	4141296	6.10867	5.28864	5.5277	5.03451	1.30675
579025.014141296.4	579025	4141296	7.00635	6.13778	5.13934	4.85696	1.36016
579045.014141296.4	579045	4141296	7.62666	6.83126	4.63847	4.53442	1.41619
579065.014141296.4	579065	4141296	7.85571	7.25636	4.08237	4.10972	1.47559
579085.014141296.4	579085	4141296	7.69079	7.37409	3.54049	3.64914	1.54815
579105.014141296.4	579105	4141296	7.1802	7.16017	3.04439	3.19391	1.63538
579125.014141296.4	579125	4141296	6.42347	6.64334	2.60058	2.76356	1.73274
579145.014141296.4	579145	4141296	5.55207	5.92004	2.2143	2.37395	1.83946
579165.014141296.4	579165	4141296	4.70513	5.13056	1.89482	2.04271	1.96697
579185.014141296.4	579185	4141296	3.92236	4.33958	1.62275	1.75518	2.10434
579205.014141296.4	579205	4141296	3.25247	3.62512	1.39725	1.51362	2.26039
579225.014141296.4	579225	4141296	2.69735	3.01236	1.20996	1.31098	2.43653
579245.014141296.4	579245	4141296	2.23956	2.49723	1.05206	1.13888	2.62733
579265.014141296.4	579265	4141296	1.87948	2.08757	0.92318	0.99759	2.85279
579285.014141296.4	579285	4141296	1.58722	1.75416	0.81438	0.87777	3.09917
578385.014141316.4	578385	4141316	0.03152	0.03022	0.04617	0.04506	0.05208
578405.014141316.4	578405	4141316	0.03365	0.03221	0.05098	0.04981	0.05481
578425.014141316.4	578425	4141316	0.03641	0.03556	0.05858	0.0573	0.06479
578445.014141316.4	578445	4141316	0.03897	0.03808	0.06504	0.06238	0.06224
578465.014141316.4	578465	4141316	0.04208	0.0402	0.0731	0.07009	0.06505
578485.014141316.4	578485	4141316	0.04585	0.0448	0.08319	0.07979	0.06982
578505.014141316.4	578505	4141316	0.05027	0.04911	0.09551	0.09338	0.07766
578525.014141316.4	578525	4141316	0.0554	0.05413	0.11048	0.10785	0.08552
578545.014141316.4	578545	4141316	0.06143	0.06001	0.12879	0.12544	0.09095
578565.014141316.4	578565	4141316	0.06871	0.0671	0.15171	0.14728	0.09868
578585.014141316.4	578585	4141316	0.07751	0.07567	0.18042	0.17435	0.10672

578605.014141316.4	578605	4141316	0.08843	0.08627	0.217	0.20843	0.11671
578625.014141316.4	578625	4141316	0.10186	0.09928	0.26314	0.25081	0.12849
578645.014141316.4	578645	4141316	0.11872	0.11555	0.32196	0.30398	0.14267
578665.014141316.4	578665	4141316	0.13941	0.13546	0.39506	0.36901	0.15807
578685.014141316.4	578685	4141316	0.16551	0.16044	0.48732	0.4497	0.1766
578705.014141316.4	578705	4141316	0.19928	0.19253	0.60555	0.55126	0.19986
578725.014141316.4	578725	4141316	0.24325	0.23393	0.7571	0.67918	0.22934
579025.014141316.4	579025	4141316	8.20257	7.12678	5.56569	5.32361	1.47835
579045.014141316.4	579045	4141316	8.888	7.93132	4.93448	4.8941	1.5381
579065.014141316.4	579065	4141316	9.06383	8.39804	4.27739	4.37156	1.6081
579085.014141316.4	579085	4141316	8.72582	8.45168	3.65908	3.82655	1.69435
579105.014141316.4	579105	4141316	7.96896	8.07279	3.10534	3.30174	1.79589
579125.014141316.4	579125	4141316	6.95299	7.3301	2.61937	2.81724	1.90723
579145.014141316.4	579145	4141316	5.86496	6.38134	2.20853	2.39271	2.0317
579165.014141316.4	579165	4141316	4.8581	5.39953	1.87384	2.03832	2.17926
579185.014141316.4	579185	4141316	3.97859	4.47479	1.59669	1.73999	2.34437
579205.014141316.4	579205	4141316	3.24335	3.66388	1.36684	1.48969	2.52669
579225.014141316.4	579225	4141316	2.65648	2.99767	1.17932	1.28377	2.73724
579245.014141316.4	579245	4141316	2.19706	2.46838	1.02663	1.11508	2.98526
579265.014141316.4	579265	4141316	1.83395	2.04797	0.90025	0.97484	3.26954
579285.014141316.4	579285	4141316	1.54142	1.7097	0.79353	0.85608	3.58095
578385.014141336.4	578385	4141336	0.03204	0.0308	0.04695	0.04459	0.05314
578405.014141336.4	578405	4141336	0.03412	0.03274	0.05045	0.04912	0.05582
578425.014141336.4	578425	4141336	0.0365	0.03497	0.05719	0.05453	0.05893
578445.014141336.4	578445	4141336	0.03938	0.03842	0.06417	0.06268	0.06627
578465.014141336.4	578465	4141336	0.04281	0.04175	0.07279	0.07111	0.07438
578485.014141336.4	578485	4141336	0.04604	0.04493	0.08163	0.0782	0.07133
578505.014141336.4	578505	4141336	0.05022	0.04902	0.09335	0.08944	0.076
578525.014141336.4	578525	4141336	0.05524	0.05392	0.10805	0.10554	0.08732
578545.014141336.4	578545	4141336	0.0612	0.05973	0.12631	0.12318	0.09419
578565.014141336.4	578565	4141336	0.06809	0.06648	0.14861	0.14458	0.10105
578585.014141336.4	578585	4141336	0.07651	0.0747	0.17694	0.17151	0.10931
578605.014141336.4	578605	4141336	0.08694	0.08486	0.21335	0.20571	0.11957
578625.014141336.4	578625	4141336	0.09991	0.09747	0.26016	0.24906	0.13209
578645.014141336.4	578645	4141336	0.11576	0.11287	0.31922	0.30293	0.14569
578665.014141336.4	578665	4141336	0.13631	0.13273	0.39687	0.37241	0.16348
578685.014141336.4	578685	4141336	0.1616	0.1571	0.49394	0.45774	0.18314
578705.014141336.4	578705	4141336	0.19467	0.18876	0.62066	0.56685	0.20818
579025.014141336.4	579025	4141336	9.73037	8.37886	6.01799	5.84351	1.61377
579045.014141336.4	579045	4141336	10.47476	9.32101	5.23382	5.27996	1.68006
579065.014141336.4	579065	4141336	10.53436	9.81738	4.46275	4.63903	1.76367
579085.014141336.4	579085	4141336	9.92055	9.74548	3.75813	3.99307	1.865
579105.014141336.4	579105	4141336	8.81502	9.11255	3.14121	3.38822	1.98154
579125.014141336.4	579125	4141336	7.48159	8.07443	2.6206	2.85374	2.11426
579145.014141336.4	579145	4141336	6.15781	6.85701	2.19395	2.40175	2.26736
579165.014141336.4	579165	4141336	4.969	5.63992	1.84359	2.02285	2.43726
579185.014141336.4	579185	4141336	3.99137	4.56714	1.56245	1.71447	2.63561
579205.014141336.4	579205	4141336	3.20037	3.6635	1.33117	1.45836	2.85302
579225.014141336.4	579225	4141336	2.60869	2.97155	1.15031	1.25679	3.13032
579245.014141336.4	579245	4141336	2.14085	2.42095	0.99987	1.0884	3.44089
579265.014141336.4	579265	4141336	1.77604	1.99172	0.87571	0.94912	3.7981
579285.014141336.4	579285	4141336	1.49009	1.65669	0.77262	0.8334	4.20873
578385.014141356.4	578385	4141356	0.03272	0.03156	0.0469	0.0444	0.05482
578405.014141356.4	578405	4141356	0.03484	0.03354	0.05149	0.04885	0.05784
578425.014141356.4	578425	4141356	0.03724	0.03626	0.05694	0.05415	0.06126
578445.014141356.4	578445	4141356	0.0399	0.03885	0.0633	0.0603	0.06464
578465.014141356.4	578465	4141356	0.04298	0.04185	0.071	0.06777	0.06863
578485.014141356.4	578485	4141356	0.04689	0.04565	0.08113	0.07914	0.08046
578505.014141356.4	578505	4141356	0.05092	0.0496	0.0924	0.09018	0.0852
578525.014141356.4	578525	4141356	0.0554	0.054	0.10572	0.10324	0.08919
578545.014141356.4	578545	4141356	0.06114	0.05961	0.12342	0.12044	0.09627
578565.014141356.4	578565	4141356	0.06801	0.06632	0.14575	0.142	0.10434
578585.014141356.4	578585	4141356	0.076	0.07414	0.17337	0.16848	0.11257
578605.014141356.4	578605	4141356	0.08597	0.08389	0.20941	0.20263	0.12314
578625.014141356.4	578625	4141356	0.09822	0.09585	0.25577	0.246	0.1353
578645.014141356.4	578645	4141356	0.11344	0.11071	0.31579	0.30129	0.14975
578665.014141356.4	578665	4141356	0.13295	0.12969	0.39496	0.37281	0.16796
578685.014141356.4	578685	4141356	0.15791	0.15389	0.49858	0.46451	0.18985
579025.014141356.4	579025	4141356	11.72191	9.99817	6.49412	6.42278	1.77164
579045.014141356.4	579045	4141356	12.49564	11.10655	5.53076	5.68992	1.84773
579065.014141356.4	579065	4141356	12.31308	11.58306	4.62239	4.89732	1.94444
579085.014141356.4	579085	4141356	11.27416	11.29092	3.82371	4.13384	2.06266
579105.014141356.4	579105	4141356	9.69983	10.29302	3.14954	3.44871	2.20061

579125.014141356.4	579125	4141356	7.97352	8.85473	2.59962	2.86656	2.36092
579145.014141356.4	579145	4141356	6.36719	7.28431	2.15653	2.38494	2.54373
579165.014141356.4	579165	4141356	5.00907	5.81652	1.8003	1.99111	2.74883
579185.014141356.4	579185	4141356	3.94914	4.59842	1.51977	1.67744	2.99275
579205.014141356.4	579205	4141356	3.13901	3.63738	1.29568	1.42516	3.27886
579225.014141356.4	579225	4141356	2.52901	2.90458	1.11626	1.22234	3.62032
579245.014141356.4	579245	4141356	2.06408	2.34593	0.97007	1.05681	4.01939
579265.014141356.4	579265	4141356	1.70985	1.92243	0.8508	0.92176	4.49343
579285.014141356.4	579285	4141356	1.43182	1.59319	0.75099	0.80903	5.03532
579305.014141356.4	579305	4141356	1.21525	1.33894	0.66803	0.71562	5.67844
578385.014141376.4	578385	4141376	0.0335	0.03256	0.04706	0.0444	0.0561
578405.014141376.4	578405	4141376	0.03568	0.03466	0.05158	0.04988	0.06384
578425.014141376.4	578425	4141376	0.03807	0.03699	0.05682	0.05503	0.06739
578445.014141376.4	578445	4141376	0.04081	0.03964	0.0631	0.0612	0.07166
578465.014141376.4	578465	4141376	0.04383	0.04258	0.07044	0.06844	0.0757
578485.014141376.4	578485	4141376	0.04722	0.04589	0.07919	0.07706	0.07838
578505.014141376.4	578505	4141376	0.05137	0.04993	0.0904	0.08806	0.08582
578525.014141376.4	578525	4141376	0.05642	0.05484	0.1048	0.10213	0.0939
578545.014141376.4	578545	4141376	0.06147	0.05981	0.12063	0.11767	0.09841
578565.014141376.4	578565	4141376	0.06817	0.06636	0.14242	0.13884	0.10704
578585.014141376.4	578585	4141376	0.07611	0.07413	0.17001	0.16548	0.11655
578605.014141376.4	578605	4141376	0.08565	0.08348	0.20534	0.19929	0.12725
578625.014141376.4	578625	4141376	0.09731	0.0949	0.25117	0.24263	0.13961
578645.014141376.4	578645	4141376	0.11184	0.10914	0.3114	0.29875	0.15463
578665.014141376.4	578665	4141376	0.13044	0.12734	0.39198	0.37239	0.17324
578685.014141376.4	578685	4141376	0.15442	0.15075	0.49972	0.4687	0.19732
579005.014141376.4	579005	4141376	12.47216	10.25077	8.1565	7.83194	1.88915
579025.014141376.4	579025	4141376	14.30511	12.06836	6.95866	7.04004	1.94922
579045.014141376.4	579045	4141376	15.03763	13.36456	5.78331	6.089	2.0364
579065.014141376.4	579065	4141376	14.45121	13.78893	4.73662	5.12632	2.15354
579085.014141376.4	579085	4141376	12.78711	13.15215	3.85187	4.24165	2.29714
579105.014141376.4	579105	4141376	10.56951	11.60256	3.12288	3.47256	2.46013
579125.014141376.4	579125	4141376	8.35496	9.60909	2.54744	2.84376	2.65122
579145.014141376.4	579145	4141376	6.46001	7.62176	2.0985	2.34253	2.87516
579165.014141376.4	579165	4141376	4.97587	5.91568	1.74849	1.94674	3.13918
579185.014141376.4	579185	4141376	3.85989	4.56915	1.47311	1.63302	3.44996
579205.014141376.4	579205	4141376	3.03492	3.55415	1.25471	1.38332	3.81826
579225.014141376.4	579225	4141376	2.42892	2.80682	1.08082	1.18432	4.26331
579245.014141376.4	579245	4141376	1.97806	2.25465	0.94051	1.02396	4.79815
579265.014141376.4	579265	4141376	1.63369	1.83786	0.82475	0.89211	5.41887
579285.014141376.4	579285	4141376	1.37292	1.52611	0.73025	0.78498	6.18351
579305.014141376.4	579305	4141376	1.17056	1.2873	0.65174	0.6965	7.13999
578385.014141396.4	578385	4141396	0.03438	0.03336	0.0475	0.04564	0.06169
578405.014141396.4	578405	4141396	0.03654	0.03544	0.05179	0.04982	0.06493
578425.014141396.4	578425	4141396	0.03891	0.03773	0.05675	0.05469	0.0662
578445.014141396.4	578445	4141396	0.04165	0.04038	0.06277	0.06059	0.07246
578465.014141396.4	578465	4141396	0.04485	0.04347	0.07017	0.06785	0.07767
578485.014141396.4	578485	4141396	0.04837	0.04688	0.07885	0.07638	0.0828
578505.014141396.4	578505	4141396	0.05226	0.05066	0.0891	0.08649	0.08756
578525.014141396.4	578525	4141396	0.05721	0.05547	0.10286	0.09996	0.09567
578545.014141396.4	578545	4141396	0.06233	0.06048	0.11843	0.11529	0.10107
578565.014141396.4	578565	4141396	0.06868	0.06668	0.13893	0.13536	0.10909
578585.014141396.4	578585	4141396	0.07634	0.07418	0.16547	0.1612	0.11889
578605.014141396.4	578605	4141396	0.08564	0.08329	0.2001	0.19466	0.13036
578625.014141396.4	578625	4141396	0.09703	0.09446	0.24571	0.23826	0.14406
578645.014141396.4	578645	4141396	0.1111	0.10828	0.30615	0.29526	0.15996
578665.014141396.4	578665	4141396	0.12871	0.12561	0.38693	0.37014	0.17925
579005.014141396.4	579005	4141396	15.50144	12.4901	8.91519	8.77745	2.08424
579025.014141396.4	579025	4141396	17.73634	14.77581	7.38974	7.68473	2.15242
579045.014141396.4	579045	4141396	18.298	16.30447	5.98001	6.46493	2.25605
579065.014141396.4	579065	4141396	16.98863	16.56135	4.78406	5.30005	2.39585
579085.014141396.4	579085	4141396	14.37479	15.3421	3.81919	4.28758	2.56959
579105.014141396.4	579105	4141396	11.34634	13.01294	3.06091	3.45473	2.77399
579125.014141396.4	579125	4141396	8.6259	10.33527	2.48195	2.80126	3.01977
579145.014141396.4	579145	4141396	6.46383	7.87856	2.03559	2.28975	3.30562
579165.014141396.4	579165	4141396	4.85969	5.91123	1.68973	1.89035	3.63909
579185.014141396.4	579185	4141396	3.71427	4.45973	1.42172	1.57983	4.04104
579205.014141396.4	579205	4141396	2.90233	3.42511	1.21239	1.33734	4.5367
579225.014141396.4	579225	4141396	2.31399	2.68248	1.04516	1.14417	5.13644
579245.014141396.4	579245	4141396	1.88272	2.14637	0.91053	0.98942	5.86798
579265.014141396.4	579265	4141396	1.56059	1.75281	0.80085	0.86416	6.75599
579285.014141396.4	579285	4141396	1.31739	1.46062	0.71116	0.76251	7.87885
579305.014141396.4	579305	4141396	1.12829	1.23713	0.63637	0.67844	9.33737

578385.014141416.4	578385	4141416	0.03522	0.03414	0.04805	0.04593	0.0626
578405.014141416.4	578405	4141416	0.03743	0.03625	0.05222	0.04997	0.06536
578425.014141416.4	578425	4141416	0.03992	0.03864	0.05716	0.05478	0.06968
578445.014141416.4	578445	4141416	0.04274	0.04135	0.06305	0.06051	0.07407
578465.014141416.4	578465	4141416	0.04591	0.0444	0.07005	0.06735	0.07891
578485.014141416.4	578485	4141416	0.04955	0.0479	0.07856	0.07568	0.08467
578505.014141416.4	578505	4141416	0.05352	0.05175	0.08853	0.08549	0.08994
578525.014141416.4	578525	4141416	0.05819	0.05626	0.10106	0.09781	0.0966
578545.014141416.4	578545	4141416	0.0636	0.06152	0.11672	0.1132	0.10417
578565.014141416.4	578565	4141416	0.06972	0.06748	0.13598	0.13217	0.11169
578585.014141416.4	578585	4141416	0.0772	0.07478	0.16135	0.15703	0.12163
578605.014141416.4	578605	4141416	0.08621	0.08358	0.19456	0.18944	0.13347
578625.014141416.4	578625	4141416	0.09723	0.09438	0.23882	0.23227	0.14757
578645.014141416.4	578645	4141416	0.11077	0.10769	0.29813	0.28901	0.16438
578665.014141416.4	578665	4141416	0.12786	0.12453	0.37943	0.3655	0.18564
579025.014141416.4	579025	4141416	22.43208	18.428	7.76565	8.34192	2.39194
579045.014141416.4	579045	4141416	22.5534	20.26174	6.1114	6.80182	2.52131
579065.014141416.4	579065	4141416	20.00149	20.17499	4.77662	5.42001	2.69436
579085.014141416.4	579085	4141416	16.03019	18.01799	3.75745	4.29626	2.91726
579105.014141416.4	579105	4141416	11.98828	14.52437	2.9805	3.40883	3.17837
579125.014141416.4	579125	4141416	8.71584	10.93872	2.40078	2.73396	3.49217
579145.014141416.4	579145	4141416	6.31677	7.95809	1.96047	2.21707	3.85708
579165.014141416.4	579165	4141416	4.65657	5.77822	1.62562	1.82305	4.29465
579185.014141416.4	579185	4141416	3.52225	4.27155	1.36814	1.52059	4.83133
579205.014141416.4	579205	4141416	2.7384	3.2425	1.16731	1.2858	5.49866
579225.014141416.4	579225	4141416	2.18833	2.53542	1.00927	1.1023	6.35274
579245.014141416.4	579245	4141416	1.78742	2.03232	0.88168	0.95544	7.41595
579265.014141416.4	579265	4141416	1.49176	1.66961	0.77856	0.83783	8.77901
579285.014141416.4	579285	4141416	1.26394	1.39604	0.69254	0.74073	10.4502
579305.014141416.4	579305	4141416	1.09033	1.19135	0.62223	0.66217	12.9082
578385.014141436.4	578385	4141436	0.03609	0.03496	0.04887	0.04651	0.06355
578405.014141436.4	578405	4141436	0.0384	0.03715	0.05304	0.0505	0.06704
578425.014141436.4	578425	4141436	0.04098	0.03962	0.05792	0.05519	0.07108
578445.014141436.4	578445	4141436	0.04394	0.04245	0.06379	0.06085	0.07603
578465.014141436.4	578465	4141436	0.04722	0.04558	0.07065	0.0675	0.0812
578485.014141436.4	578485	4141436	0.05092	0.04912	0.07887	0.07549	0.08694
578505.014141436.4	578505	4141436	0.05493	0.05297	0.08839	0.0848	0.09205
578525.014141436.4	578525	4141436	0.05976	0.05761	0.10065	0.0968	0.09947
578545.014141436.4	578545	4141436	0.06513	0.06279	0.11543	0.11133	0.10682
578565.014141436.4	578565	4141436	0.0713	0.06877	0.13391	0.12956	0.11477
578585.014141436.4	578585	4141436	0.07882	0.07605	0.15835	0.1536	0.12543
578605.014141436.4	578605	4141436	0.08767	0.08466	0.19004	0.18475	0.1375
578625.014141436.4	578625	4141436	0.0984	0.09513	0.23239	0.22619	0.15209
578645.014141436.4	578645	4141436	0.11157	0.10803	0.28991	0.282	0.1695
579025.014141436.4	579025	4141436	29.02863	23.47962	8.0471	8.9715	2.679
579045.014141436.4	579045	4141436	28.1788	25.78846	6.16661	7.07586	2.85195
579065.014141436.4	579065	4141436	23.52994	25.05083	4.72255	5.48396	3.079
579085.014141436.4	579085	4141436	17.58847	21.22443	3.66088	4.2548	3.36625
579105.014141436.4	579105	4141436	12.33922	15.98177	2.87621	3.32462	3.70259
579125.014141436.4	579125	4141436	8.55163	11.2781	2.30421	2.63974	4.10825
579145.014141436.4	579145	4141436	6.03011	7.825	1.8801	2.13137	4.59599
579165.014141436.4	579165	4141436	4.38332	5.51448	1.55969	1.74886	5.18796
579185.014141436.4	579185	4141436	3.30321	4.0208	1.3151	1.45898	5.93494
579205.014141436.4	579205	4141436	2.57615	3.04549	1.12563	1.23659	6.90378
579225.014141436.4	579225	4141436	2.06976	2.3885	0.9763	1.06318	8.18607
579245.014141436.4	579245	4141436	1.70341	1.92782	0.85625	0.9254	9.88031
579265.014141436.4	579265	4141436	1.42892	1.59194	0.75775	0.81367	12.04191
579285.014141436.4	579285	4141436	1.21991	1.34216	0.67675	0.72284	11.18933
579305.014141436.4	579305	4141436	1.05613	1.15036	0.60902	0.6477	7.20838
579325.014141436.4	579325	4141436	0.92342	0.99763	0.55097	0.5839	8.73706
578385.014141456.4	578385	4141456	0.037	0.03583	0.05002	0.04743	0.06506
578405.014141456.4	578405	4141456	0.03938	0.03809	0.05417	0.05135	0.06848
578425.014141456.4	578425	4141456	0.04203	0.04062	0.05899	0.05593	0.07245
578445.014141456.4	578445	4141456	0.04506	0.0435	0.06474	0.0614	0.0773
578465.014141456.4	578465	4141456	0.04844	0.04672	0.07147	0.06785	0.08261
578485.014141456.4	578485	4141456	0.05231	0.05039	0.07961	0.07567	0.08878
578505.014141456.4	578505	4141456	0.05641	0.05431	0.08879	0.08457	0.09406
578525.014141456.4	578525	4141456	0.06156	0.05921	0.10108	0.09647	0.10256
578545.014141456.4	578545	4141456	0.06686	0.06429	0.11485	0.10996	0.10927
578565.014141456.4	578565	4141456	0.07339	0.07054	0.13312	0.12789	0.11891
578585.014141456.4	578585	4141456	0.08108	0.07792	0.15671	0.15108	0.13015
578605.014141456.4	578605	4141456	0.08992	0.08645	0.1868	0.18078	0.14236
578625.014141456.4	578625	4141456	0.10054	0.09675	0.22705	0.22049	0.15716

578645.014141456.4	578645	4141456	0.11355	0.1094	0.28227	0.27472	0.17561
579045.014141456.4	579045	4141456	35.56539	33.74286	6.1178	7.23618	3.26863
579065.014141456.4	579065	4141456	27.36363	31.67029	4.60589	5.46039	3.57723
579085.014141456.4	579085	4141456	18.6558	24.76749	3.51544	4.13898	3.9441
579105.014141456.4	579105	4141456	12.18738	17.05221	2.74492	3.19439	4.38857
579125.014141456.4	579125	4141456	8.09786	11.19089	2.19649	2.5222	4.93596
579145.014141456.4	579145	4141456	5.61464	7.43633	1.79617	2.03499	5.61587
579165.014141456.4	579165	4141456	4.06884	5.14047	1.49447	1.67182	6.45974
579185.014141456.4	579185	4141456	3.0835	3.74085	1.26522	1.3994	7.57522
579205.014141456.4	579205	4141456	2.42473	2.8495	1.08728	1.19083	9.08497
579225.014141456.4	579225	4141456	1.96595	2.25485	0.94699	1.02869	11.20683
579245.014141456.4	579245	4141456	1.62759	1.83177	0.8324	0.89805	9.71984
579265.014141456.4	579265	4141456	1.37454	1.5246	0.73901	0.79292	11.88449
578385.014141476.4	578385	4141476	0.03786	0.03666	0.05132	0.04855	0.06645
578405.014141476.4	578405	4141476	0.04035	0.03903	0.05556	0.05252	0.07018
578425.014141476.4	578425	4141476	0.04311	0.04165	0.06044	0.05708	0.07416
578445.014141476.4	578445	4141476	0.04616	0.04455	0.06603	0.06234	0.0785
578465.014141476.4	578465	4141476	0.04966	0.04787	0.07273	0.06866	0.08384
578485.014141476.4	578485	4141476	0.05372	0.05171	0.08088	0.07638	0.09059
578505.014141476.4	578505	4141476	0.05807	0.05584	0.09011	0.0852	0.09661
578525.014141476.4	578525	4141476	0.06351	0.06099	0.10241	0.09695	0.10606
578545.014141476.4	578545	4141476	0.06878	0.06601	0.11527	0.10944	0.11195
578565.014141476.4	578565	4141476	0.07548	0.07237	0.13283	0.12651	0.1218
578585.014141476.4	578585	4141476	0.0833	0.07982	0.15525	0.14844	0.13328
578605.014141476.4	578605	4141476	0.09248	0.08859	0.18436	0.17708	0.14689
578625.014141476.4	578625	4141476	0.10334	0.099	0.22289	0.21517	0.16296
578645.014141476.4	578645	4141476	0.11657	0.11172	0.27593	0.26763	0.18294
579065.014141476.4	579065	4141476	30.68158	40.2863	4.40004	5.30161	4.21809
579085.014141476.4	579085	4141476	18.84655	28.22192	3.34097	3.96443	4.7284
579105.014141476.4	579105	4141476	11.46876	17.35024	2.6013	3.03357	5.33359
579125.014141476.4	579125	4141476	7.38817	10.54404	2.08253	2.38799	6.08482
579145.014141476.4	579145	4141476	5.11676	6.80535	1.71046	1.93201	7.07019
579165.014141476.4	579165	4141476	3.75807	4.71692	1.43317	1.59791	8.39832
579185.014141476.4	579185	4141476	2.87349	3.45313	1.217	1.34194	10.12437
579205.014141476.4	579205	4141476	2.28385	2.66077	1.05005	1.14756	12.63702
579225.014141476.4	579225	4141476	1.86783	2.1276	0.91778	0.99591	10.23851
578385.014141496.4	578385	4141496	0.03868	0.03747	0.05273	0.04985	0.06776
578405.014141496.4	578405	4141496	0.04128	0.03994	0.05712	0.05391	0.07177
578425.014141496.4	578425	4141496	0.04413	0.04264	0.06208	0.05849	0.07587
578445.014141496.4	578445	4141496	0.0473	0.04566	0.06778	0.06379	0.08028
578465.014141496.4	578465	4141496	0.05092	0.04908	0.07451	0.07006	0.08573
578485.014141496.4	578485	4141496	0.05511	0.05304	0.08265	0.07766	0.09234
578505.014141496.4	578505	4141496	0.05963	0.05732	0.09187	0.08632	0.09862
578525.014141496.4	578525	4141496	0.06536	0.06273	0.10424	0.09795	0.10859
578545.014141496.4	578545	4141496	0.07085	0.06793	0.11688	0.11002	0.11493
578565.014141496.4	578565	4141496	0.07766	0.07436	0.13367	0.12611	0.12463
578585.014141496.4	578585	4141496	0.08569	0.08195	0.15515	0.14686	0.13651
578605.014141496.4	578605	4141496	0.09509	0.09086	0.18281	0.17383	0.15032
578625.014141496.4	578625	4141496	0.10621	0.10141	0.21931	0.20972	0.16699
578645.014141496.4	578645	4141496	0.12	0.11452	0.27035	0.26017	0.18905
579085.014141496.4	579085	4141496	17.67847	30.28587	3.14275	3.73598	5.82518
579105.014141496.4	579105	4141496	10.29725	16.5135	2.45757	2.8602	6.71596
579125.014141496.4	579125	4141496	6.60892	9.46822	1.97494	2.25642	7.81375
579145.014141496.4	579145	4141496	4.64017	6.08537	1.62994	1.83442	9.3152
579165.014141496.4	579165	4141496	3.4649	4.28438	1.373	1.52674	11.48551
579185.014141496.4	579185	4141496	2.69125	3.19722	1.17269	1.29146	12.43523
579205.014141496.4	579205	4141496	2.1593	2.49517	1.01543	1.10988	8.83073
578385.014141516.4	578385	4141516	0.03934	0.03812	0.054	0.05106	0.06812
578405.014141516.4	578405	4141516	0.04209	0.04074	0.05864	0.05533	0.07263
578425.014141516.4	578425	4141516	0.04512	0.04361	0.06387	0.06014	0.07759
578445.014141516.4	578445	4141516	0.0484	0.04673	0.06971	0.06551	0.08191
578465.014141516.4	578465	4141516	0.05215	0.05028	0.07659	0.07184	0.08739
578485.014141516.4	578485	4141516	0.05645	0.05434	0.08478	0.07939	0.09433
578505.014141516.4	578505	4141516	0.06117	0.0588	0.09415	0.08806	0.10065
578525.014141516.4	578525	4141516	0.06723	0.06451	0.10681	0.09978	0.1108
578545.014141516.4	578545	4141516	0.07286	0.06983	0.11923	0.11141	0.11765
578565.014141516.4	578565	4141516	0.08008	0.07663	0.13615	0.1273	0.12848
578585.014141516.4	578585	4141516	0.08834	0.08442	0.15701	0.14708	0.14029
578605.014141516.4	578605	4141516	0.09806	0.09356	0.18367	0.1726	0.1545
578625.014141516.4	578625	4141516	0.10967	0.10448	0.21886	0.20669	0.17249
578645.014141516.4	578645	4141516	0.1239	0.11789	0.26736	0.25414	0.19532
579085.014141516.4	579085	4141516	15.17614	29.11728	2.93354	3.47617	7.42859
579105.014141516.4	579105	4141516	8.92508	14.36991	2.3154	2.68411	8.83931

579125.014141516.4	579125	4141516	5.89154	8.20619	1.87465	2.1352	10.61909
579145.014141516.4	579145	4141516	4.22602	5.40902	1.55497	1.74724	13.0984
579165.014141516.4	579165	4141516	3.20152	3.89362	1.31505	1.46248	7.32926
578385.014141536.4	578385	4141536	0.04005	0.03882	0.05539	0.05243	0.06893
578405.014141536.4	578405	4141536	0.04281	0.04145	0.06007	0.05673	0.07312
578425.014141536.4	578425	4141536	0.04595	0.04443	0.06551	0.0617	0.07788
578445.014141536.4	578445	4141536	0.04948	0.04778	0.07178	0.06744	0.08365
578465.014141536.4	578465	4141536	0.05336	0.05146	0.07887	0.07391	0.08929
578485.014141536.4	578485	4141536	0.05779	0.05565	0.08723	0.08156	0.09598
578505.014141536.4	578505	4141536	0.06268	0.06026	0.09681	0.09031	0.10264
578525.014141536.4	578525	4141536	0.0692	0.06638	0.11014	0.10246	0.11301
578545.014141536.4	578545	4141536	0.07483	0.07172	0.12227	0.11364	0.12023
578565.014141536.4	578565	4141536	0.08249	0.07892	0.13959	0.12958	0.13186
578585.014141536.4	578585	4141536	0.09122	0.08712	0.16063	0.14908	0.14468
578605.014141536.4	578605	4141536	0.10131	0.09659	0.18685	0.17362	0.15938
578625.014141536.4	578625	4141536	0.11352	0.10803	0.22143	0.20629	0.17822
578645.014141536.4	578645	4141536	0.12807	0.12165	0.26726	0.25022	0.20104
578665.014141536.4	578665	4141536	0.14573	0.13819	0.33061	0.31187	0.22995
579105.014141536.4	579105	4141536	7.64452	11.4531	2.17404	2.51482	12.29417
579125.014141536.4	579125	4141536	5.23463	6.97556	1.77454	2.02185	11.55093
579185.014141536.4	579185	4141536	2.31415	2.69597	1.07879	1.19682	5.10338
578385.014141556.4	578385	4141556	0.04078	0.03953	0.05681	0.05381	0.06971
578405.014141556.4	578405	4141556	0.04362	0.04223	0.06164	0.05825	0.07383
578425.014141556.4	578425	4141556	0.0468	0.04526	0.06717	0.06331	0.07842
578445.014141556.4	578445	4141556	0.05042	0.04869	0.07362	0.0692	0.08391
578465.014141556.4	578465	4141556	0.05453	0.05258	0.08113	0.07603	0.09032
578485.014141556.4	578485	4141556	0.05909	0.05689	0.08973	0.08384	0.09697
578505.014141556.4	578505	4141556	0.06423	0.06174	0.09974	0.09292	0.10418
578525.014141556.4	578525	4141556	0.07074	0.06786	0.1129	0.10481	0.11424
578545.014141556.4	578545	4141556	0.07682	0.07361	0.1258	0.11652	0.12192
578565.014141556.4	578565	4141556	0.08476	0.08107	0.14336	0.13242	0.13368
578585.014141556.4	578585	4141556	0.09392	0.08965	0.16477	0.15187	0.14732
578605.014141556.4	578605	4141556	0.10479	0.09983	0.19185	0.17656	0.16357
578625.014141556.4	578625	4141556	0.11754	0.11175	0.22613	0.20808	0.18283
578645.014141556.4	578645	4141556	0.13278	0.12595	0.27102	0.24981	0.20652
578665.014141556.4	578665	4141556	0.15105	0.14298	0.33142	0.30681	0.23626
578685.014141556.4	578685	4141556	0.17346	0.16385	0.41689	0.389	0.27488
579165.014141556.4	579165	4141556	2.60423	3.07292	1.1889	1.33919	4.62689
579185.014141556.4	579185	4141556	2.07259	2.39266	1.02368	1.14593	5.14094
579205.014141556.4	579205	4141556	1.68885	1.91839	0.8907	0.99208	4.80389
578385.014141576.4	578385	4141576	0.04159	0.0403	0.05828	0.05521	0.07104
578405.014141576.4	578405	4141576	0.0445	0.04307	0.06326	0.05978	0.07475
578425.014141576.4	578425	4141576	0.04779	0.04619	0.06901	0.06503	0.0793
578445.014141576.4	578445	4141576	0.05152	0.04972	0.07566	0.0711	0.08469
578465.014141576.4	578465	4141576	0.05566	0.05364	0.08326	0.078	0.09037
578485.014141576.4	578485	4141576	0.0604	0.05812	0.09219	0.08608	0.09714
578505.014141576.4	578505	4141576	0.06588	0.06328	0.10285	0.0957	0.10538
578525.014141576.4	578525	4141576	0.07259	0.06959	0.11637	0.10782	0.11554
578545.014141576.4	578545	4141576	0.07926	0.07586	0.13038	0.12041	0.12449
578565.014141576.4	578565	4141576	0.08747	0.08357	0.14836	0.13649	0.13613
578585.014141576.4	578585	4141576	0.09706	0.09254	0.17037	0.15614	0.14984
578605.014141576.4	578605	4141576	0.10839	0.10312	0.19787	0.18071	0.1663
578625.014141576.4	578625	4141576	0.12195	0.11574	0.23298	0.21211	0.18659
578645.014141576.4	578645	4141576	0.1385	0.1311	0.2793	0.25374	0.21229
578665.014141576.4	578665	4141576	0.15802	0.14918	0.33974	0.30854	0.24353
578685.014141576.4	578685	4141576	0.18169	0.17107	0.42275	0.38487	0.28374
578705.014141576.4	578705	4141576	0.21118	0.19828	0.54399	0.49862	0.3383
579145.014141576.4	579145	4141576	2.82046	3.33813	1.30628	1.5004	5.61801
579165.014141576.4	579165	4141576	2.218	2.57184	1.11266	1.26796	5.27214
579185.014141576.4	579185	4141576	1.78988	2.04531	0.95949	1.08688	4.08808
579205.014141576.4	579205	4141576	1.47472	1.664	0.83576	0.94141	3.32515
579225.014141576.4	579225	4141576	1.23608	1.38035	0.73447	0.82319	2.83411
579245.014141576.4	579245	4141576	1.051	1.16183	0.65042	0.72501	2.51729
579265.014141576.4	579265	4141576	0.90469	0.99406	0.58009	0.64451	2.38564
578385.014141596.4	578385	4141596	0.04248	0.04112	0.05976	0.05655	0.07183
578405.014141596.4	578405	4141596	0.04557	0.04405	0.06507	0.0614	0.07618
578425.014141596.4	578425	4141596	0.04894	0.04725	0.07097	0.06679	0.08063
578445.014141596.4	578445	4141596	0.05281	0.05091	0.07791	0.07309	0.08598
578465.014141596.4	578465	4141596	0.05714	0.055	0.08586	0.08028	0.09179
578485.014141596.4	578485	4141596	0.06208	0.05965	0.09517	0.08867	0.0984
578505.014141596.4	578505	4141596	0.06792	0.06515	0.10653	0.09884	0.10706
578525.014141596.4	578525	4141596	0.07481	0.0716	0.12039	0.11118	0.11678
578545.014141596.4	578545	4141596	0.08203	0.07837	0.1355	0.12461	0.12638

578565.014141596.4	578565	4141596	0.09092	0.08667	0.15483	0.14167	0.13891
578585.014141596.4	578585	4141596	0.10111	0.09616	0.17802	0.16207	0.15308
578605.014141596.4	578605	4141596	0.11307	0.10728	0.20663	0.18712	0.16962
578625.014141596.4	578625	4141596	0.12745	0.12059	0.24308	0.21891	0.19031
578645.014141596.4	578645	4141596	0.14493	0.13672	0.29051	0.26015	0.21659
578665.014141596.4	578665	4141596	0.16658	0.15661	0.35441	0.31565	0.25027
578685.014141596.4	578685	4141596	0.19297	0.18076	0.44119	0.39121	0.29399
578705.014141596.4	578705	4141596	0.2246	0.20965	0.56117	0.49656	0.3512
578725.014141596.4	578725	4141596	0.26593	0.24721	0.74809	0.66336	0.43587
578745.014141596.4	578745	4141596	0.32016	0.29629	1.06094	0.95118	0.56795
579105.014141596.4	579105	4141596	3.67207	4.33754	1.71446	2.0431	5.98581
579145.014141596.4	579145	4141596	2.23523	2.57916	1.19893	1.39708	4.40017
579165.014141596.4	579165	4141596	1.80756	2.06216	1.02462	1.1835	3.51011
579185.014141596.4	579185	4141596	1.49018	1.68339	0.88584	1.01564	2.91758
579205.014141596.4	579205	4141596	1.24878	1.39875	0.7735	0.88122	2.51707
579225.014141596.4	579225	4141596	1.0612	1.17918	0.68126	0.77153	2.24982
579245.014141596.4	579245	4141596	0.91271	1.00663	0.60459	0.68086	2.09174
579265.014141596.4	579265	4141596	0.79298	0.87033	0.54016	0.60594	2.05122
579285.014141596.4	579285	4141596	0.69417	0.75472	0.48445	0.53983	2.06123
579305.014141596.4	579305	4141596	0.61499	0.66551	0.4385	0.48667	2.27078
579325.014141596.4	579325	4141596	0.54769	0.5903	0.39834	0.44047	2.66522
579345.014141596.4	579345	4141596	0.49062	0.52839	0.36347	0.40153	3.503
578385.014141616.4	578385	4141616	0.04342	0.04198	0.06123	0.0578	0.07214
578405.014141616.4	578405	4141616	0.04669	0.04507	0.06685	0.0629	0.07682
578425.014141616.4	578425	4141616	0.05033	0.04852	0.07323	0.06868	0.08175
578445.014141616.4	578445	4141616	0.05438	0.05233	0.08048	0.07521	0.08716
578465.014141616.4	578465	4141616	0.05895	0.05663	0.08887	0.08275	0.09311
578485.014141616.4	578485	4141616	0.06417	0.06153	0.09871	0.09153	0.1
578505.014141616.4	578505	4141616	0.07029	0.06726	0.1106	0.10208	0.1082
578525.014141616.4	578525	4141616	0.07783	0.07428	0.12573	0.11538	0.11843
578545.014141616.4	578545	4141616	0.08531	0.08128	0.14137	0.1291	0.12822
578565.014141616.4	578565	4141616	0.09494	0.09022	0.16222	0.14721	0.14096
578585.014141616.4	578585	4141616	0.10596	0.10042	0.18715	0.1687	0.15561
578605.014141616.4	578605	4141616	0.11905	0.11249	0.21824	0.19527	0.17325
578625.014141616.4	578625	4141616	0.1348	0.12696	0.25773	0.22871	0.19491
578645.014141616.4	578645	4141616	0.15355	0.14412	0.3079	0.27078	0.22146
578665.014141616.4	578665	4141616	0.17705	0.16549	0.37577	0.32706	0.25627
578685.014141616.4	578685	4141616	0.20679	0.19238	0.4703	0.40456	0.30323
578705.014141616.4	578705	4141616	0.24415	0.22595	0.60477	0.51364	0.36758
578725.014141616.4	578725	4141616	0.29066	0.26753	0.80202	0.67252	0.45737
578745.014141616.4	578745	4141616	0.35187	0.32187	1.12227	0.93058	0.59332
579065.014141616.4	579065	4141616	4.04374	5.30463	2.31651	2.91257	4.59366
579085.014141616.4	579085	4141616	3.15796	3.873	1.85693	2.28707	4.99566
579105.014141616.4	579105	4141616	2.52967	2.9808	1.52263	1.84512	4.74904
579125.014141616.4	579125	4141616	2.05943	2.3819	1.27174	1.5217	3.75138
579165.014141616.4	579165	4141616	1.42159	1.60698	0.92647	1.08442	2.58828
579185.014141616.4	579185	4141616	1.20269	1.35046	0.8045	0.93429	2.26095
579205.014141616.4	579205	4141616	1.02951	1.14729	0.70526	0.81273	2.02609
579225.014141616.4	579225	4141616	0.89052	0.98528	0.6235	0.71292	1.86865
579245.014141616.4	579245	4141616	0.77714	0.85412	0.55515	0.63055	1.78987
579265.014141616.4	579265	4141616	0.68361	0.74733	0.49749	0.56189	1.79045
579285.014141616.4	579285	4141616	0.60298	0.65363	0.44663	0.501	1.8237
579305.014141616.4	579305	4141616	0.53873	0.58161	0.40513	0.45237	2.01898
579325.014141616.4	579325	4141616	0.48448	0.52109	0.36939	0.41074	2.38216
579345.014141616.4	579345	4141616	0.43732	0.47038	0.33806	0.37541	3.10615
578385.014141636.4	578385	4141636	0.04456	0.04301	0.06294	0.05916	0.07257
578405.014141636.4	578405	4141636	0.04798	0.04624	0.0688	0.06445	0.07729
578425.014141636.4	578425	4141636	0.05182	0.04986	0.07553	0.07048	0.08228
578445.014141636.4	578445	4141636	0.05618	0.05395	0.08332	0.07743	0.088
578465.014141636.4	578465	4141636	0.06112	0.05857	0.09237	0.08545	0.0944
578485.014141636.4	578485	4141636	0.06664	0.06373	0.10276	0.09461	0.10112
578505.014141636.4	578505	4141636	0.07312	0.06978	0.11534	0.1056	0.10938
578525.014141636.4	578525	4141636	0.08077	0.07688	0.13068	0.11888	0.11908
578545.014141636.4	578545	4141636	0.08929	0.08477	0.14839	0.13409	0.12969
578565.014141636.4	578565	4141636	0.09959	0.09427	0.17066	0.15301	0.14257
578585.014141636.4	578585	4141636	0.11202	0.10568	0.19872	0.17655	0.15821
578605.014141636.4	578605	4141636	0.12657	0.11898	0.23322	0.20513	0.1767
578625.014141636.4	578625	4141636	0.14385	0.13471	0.27654	0.24048	0.19902
578645.014141636.4	578645	4141636	0.1652	0.15403	0.3336	0.28622	0.22739
578665.014141636.4	578665	4141636	0.19152	0.1777	0.40964	0.34593	0.26378
578685.014141636.4	578685	4141636	0.22558	0.20809	0.51772	0.42881	0.31358
578705.014141636.4	578705	4141636	0.26935	0.24682	0.67443	0.54567	0.38222
578725.014141636.4	578725	4141636	0.32377	0.29469	0.90273	0.71075	0.47486

579045.014141636.4	579045	4141636	3.25925	4.60764	2.44211	3.19915	5.41084
579065.014141636.4	579065	4141636	2.54355	3.37133	1.94265	2.4794	5.14307
579085.014141636.4	579085	4141636	2.0725	2.60214	1.58298	1.97975	3.97965
579105.014141636.4	579105	4141636	1.73592	2.08545	1.31486	1.61692	3.22069
579125.014141636.4	579125	4141636	1.47589	1.71661	1.11	1.34421	2.68182
579165.014141636.4	579165	4141636	1.09272	1.23396	0.8218	0.97354	2.03625
579185.014141636.4	579185	4141636	0.95187	1.06326	0.71884	0.84188	1.81861
579205.014141636.4	579205	4141636	0.83375	0.92407	0.63388	0.73576	1.67752
579225.014141636.4	579225	4141636	0.73496	0.80846	0.56322	0.64833	1.59122
579245.014141636.4	579245	4141636	0.65165	0.71306	0.50379	0.57595	1.56353
579265.014141636.4	579265	4141636	0.5811	0.6314	0.45334	0.51437	1.58363
579285.014141636.4	579285	4141636	0.51957	0.56155	0.40918	0.4616	1.65998
579305.014141636.4	579305	4141636	0.46847	0.50447	0.37216	0.41772	1.84259
579325.014141636.4	579325	4141636	0.42428	0.45535	0.33994	0.3798	2.15202
579345.014141636.4	579345	4141636	0.38633	0.41333	0.31201	0.34711	2.69513
578385.014141656.4	578385	4141656	0.04596	0.04427	0.06501	0.06077	0.07328
578405.014141656.4	578405	4141656	0.04959	0.04768	0.07122	0.0663	0.07783
578425.014141656.4	578425	4141656	0.05359	0.05143	0.0782	0.07248	0.08265
578445.014141656.4	578445	4141656	0.05821	0.05575	0.08645	0.07973	0.0884
578465.014141656.4	578465	4141656	0.06365	0.06082	0.09641	0.08842	0.09523
578485.014141656.4	578485	4141656	0.06965	0.0664	0.10772	0.0982	0.1024
578505.014141656.4	578505	4141656	0.07698	0.07318	0.12193	0.11037	0.1111
578525.014141656.4	578525	4141656	0.08487	0.08047	0.13778	0.12382	0.12035
578545.014141656.4	578545	4141656	0.09429	0.08913	0.15738	0.14023	0.13135
578565.014141656.4	578565	4141656	0.10559	0.09948	0.18188	0.16047	0.14455
578585.014141656.4	578585	4141656	0.11913	0.11182	0.2126	0.18546	0.16042
578605.014141656.4	578605	4141656	0.1355	0.12666	0.25166	0.21668	0.17975
578625.014141656.4	578625	4141656	0.15583	0.14496	0.30307	0.25692	0.20412
578645.014141656.4	578645	4141656	0.18019	0.16678	0.36914	0.30741	0.23386
578665.014141656.4	578665	4141656	0.21068	0.1939	0.4589	0.37413	0.2722
578685.014141656.4	578685	4141656	0.25163	0.22996	0.59164	0.46987	0.32569
578705.014141656.4	578705	4141656	0.30126	0.27347	0.77506	0.59759	0.39311
578725.014141656.4	578725	4141656	0.36769	0.33122	1.05988	0.78939	0.48656
579005.014141656.4	579005	4141656	3.92585	5.42864	3.06877	4.28886	4.08709
579025.014141656.4	579025	4141656	2.81105	3.917	2.39578	3.24406	5.57925
579045.014141656.4	579045	4141656	2.14278	2.89432	1.91926	2.52714	4.21592
579065.014141656.4	579065	4141656	1.71368	2.24295	1.57079	2.0218	3.37035
579085.014141656.4	579085	4141656	1.42717	1.80095	1.30776	1.65067	2.78654
579105.014141656.4	579105	4141656	1.22353	1.48934	1.10559	1.37205	2.36869
579125.014141656.4	579125	4141656	1.06797	1.25882	0.94657	1.15828	2.06217
579145.014141656.4	579145	4141656	0.94232	1.08403	0.81973	0.98963	1.82724
579185.014141656.4	579185	4141656	0.74637	0.83313	0.63244	0.74554	1.5173
579205.014141656.4	579205	4141656	0.66788	0.73887	0.56192	0.65627	1.4347
579225.014141656.4	579225	4141656	0.59979	0.65863	0.50261	0.58206	1.3926
579245.014141656.4	579245	4141656	0.54037	0.59049	0.45217	0.52032	1.3982
579265.014141656.4	579265	4141656	0.48866	0.52861	0.40869	0.46589	1.42331
579285.014141656.4	579285	4141656	0.44282	0.47726	0.37115	0.4206	1.51668
579305.014141656.4	579305	4141656	0.40418	0.43413	0.33931	0.38244	1.6973
579325.014141656.4	579325	4141656	0.36844	0.39453	0.31053	0.34829	1.95728
579345.014141656.4	579345	4141656	0.33764	0.36051	0.2856	0.31889	2.39732
578385.014141676.4	578385	4141676	0.04764	0.04578	0.06749	0.06265	0.07378
578405.014141676.4	578405	4141676	0.05143	0.04933	0.07397	0.06834	0.07828
578425.014141676.4	578425	4141676	0.05572	0.05333	0.08145	0.07486	0.08292
578445.014141676.4	578445	4141676	0.06071	0.05797	0.09036	0.08257	0.08889
578465.014141676.4	578465	4141676	0.06663	0.06346	0.10121	0.09186	0.096
578485.014141676.4	578485	4141676	0.07321	0.06955	0.11364	0.1024	0.10337
578505.014141676.4	578505	4141676	0.08131	0.07699	0.12941	0.11562	0.11238
578525.014141676.4	578525	4141676	0.09013	0.08508	0.14721	0.13035	0.12201
578545.014141676.4	578545	4141676	0.10066	0.0947	0.16929	0.14836	0.13344
578565.014141676.4	578565	4141676	0.11327	0.10616	0.19688	0.17051	0.14706
578585.014141676.4	578585	4141676	0.12852	0.11994	0.23191	0.19812	0.16353
578605.014141676.4	578605	4141676	0.14692	0.13649	0.27656	0.23261	0.18342
578625.014141676.4	578625	4141676	0.16996	0.15709	0.33605	0.27759	0.20853
578645.014141676.4	578645	4141676	0.19922	0.18305	0.41728	0.3375	0.24073
578665.014141676.4	578665	4141676	0.23614	0.21558	0.52917	0.41794	0.28182
578685.014141676.4	578685	4141676	0.28175	0.25562	0.68312	0.52587	0.33311
578705.014141676.4	578705	4141676	0.34182	0.30801	0.91209	0.6834	0.40099
578985.014141676.4	578985	4141676	3.6414	4.58818	2.6889	3.80258	4.6326
579005.014141676.4	579005	4141676	2.62857	3.40734	2.1512	2.95673	4.44871
579025.014141676.4	579025	4141676	1.95899	2.54483	1.76097	2.3618	3.50347
579045.014141676.4	579045	4141676	1.52758	1.96478	1.46427	1.92475	2.87542
579065.014141676.4	579065	4141676	1.23837	1.56918	1.23486	1.59022	2.417
579085.014141676.4	579085	4141676	1.03996	1.29615	1.05421	1.33472	2.08864

579105.014141676.4	579105	4141676	0.90078	1.09281	0.90959	1.1327	1.8332
579125.014141676.4	579125	4141676	0.79729	0.9411	0.79239	0.97159	1.63488
579145.014141676.4	579145	4141676	0.71488	0.82495	0.69608	0.84249	1.48686
579165.014141676.4	579165	4141676	0.64552	0.73232	0.6158	0.7378	1.3839
579185.014141676.4	579185	4141676	0.58611	0.65588	0.54875	0.65056	1.30641
579205.014141676.4	579205	4141676	0.53408	0.59115	0.49214	0.57765	1.2565
579225.014141676.4	579225	4141676	0.4876	0.53534	0.4437	0.51614	1.23979
579245.014141676.4	579245	4141676	0.44587	0.48666	0.40192	0.46441	1.26359
579265.014141676.4	579265	4141676	0.40875	0.44381	0.36583	0.41979	1.31976
579285.014141676.4	579285	4141676	0.37568	0.40494	0.33444	0.38053	1.40742
579305.014141676.4	579305	4141676	0.34482	0.36957	0.30615	0.34616	1.54832
579325.014141676.4	579325	4141676	0.31894	0.34077	0.28229	0.31756	1.80845
579345.014141676.4	579345	4141676	0.29515	0.3155	0.26105	0.29269	2.24057
578385.014141696.4	578385	4141696	0.04955	0.04749	0.07034	0.06476	0.0742
578405.014141696.4	578405	4141696	0.05363	0.05129	0.07731	0.0708	0.0784
578425.014141696.4	578425	4141696	0.05841	0.05573	0.08568	0.07797	0.08387
578445.014141696.4	578445	4141696	0.06405	0.06094	0.09579	0.08656	0.09032
578465.014141696.4	578465	4141696	0.07034	0.06675	0.10739	0.09631	0.09699
578485.014141696.4	578485	4141696	0.07752	0.07335	0.12101	0.10763	0.10445
578505.014141696.4	578505	4141696	0.08642	0.08149	0.13848	0.12198	0.11364
578525.014141696.4	578525	4141696	0.09668	0.09082	0.15938	0.13889	0.12404
578565.014141696.4	578565	4141696	0.12282	0.11449	0.21639	0.18391	0.15006
578585.014141696.4	578585	4141696	0.14021	0.13012	0.25712	0.2153	0.16717
578605.014141696.4	578605	4141696	0.1615	0.14915	0.30999	0.2553	0.18802
578625.014141696.4	578625	4141696	0.18776	0.17252	0.37971	0.3071	0.21362
578645.014141696.4	578645	4141696	0.22204	0.20281	0.47763	0.37878	0.24693
578665.014141696.4	578665	4141696	0.26486	0.24051	0.61157	0.47561	0.28818
578685.014141696.4	578685	4141696	0.31872	0.28784	0.79874	0.61039	0.33929
578945.014141696.4	578945	4141696	4.167	4.88489	2.99937	4.32479	3.69965
578965.014141696.4	578965	4141696	3.2856	3.96174	2.28766	3.2181	4.36009
578985.014141696.4	578985	4141696	2.48545	3.07397	1.83708	2.52168	3.5008
579005.014141696.4	579005	4141696	1.87514	2.33968	1.51928	2.04719	2.88737
579025.014141696.4	579025	4141696	1.4513	1.79501	1.28504	1.70018	2.43203
579045.014141696.4	579045	4141696	1.15695	1.41887	1.10321	1.43488	2.09192
579065.014141696.4	579065	4141696	0.94779	1.16007	0.95708	1.22613	1.83553
579085.014141696.4	579085	4141696	0.79996	0.97085	0.83706	1.05636	1.63324
579105.014141696.4	579105	4141696	0.69448	0.83036	0.73741	0.91747	1.4742
579125.014141696.4	579125	4141696	0.61716	0.72379	0.65404	0.80147	1.34429
579145.014141696.4	579145	4141696	0.55701	0.64191	0.58332	0.70661	1.25044
579165.014141696.4	579165	4141696	0.50803	0.57636	0.52301	0.62731	1.18377
579185.014141696.4	579185	4141696	0.46615	0.52225	0.47113	0.55973	1.14143
579205.014141696.4	579205	4141696	0.43015	0.47648	0.42681	0.50219	1.11723
579225.014141696.4	579225	4141696	0.39768	0.43672	0.38816	0.4529	1.11888
579245.014141696.4	579245	4141696	0.36843	0.4011	0.35446	0.40977	1.14211
579265.014141696.4	579265	4141696	0.34155	0.37045	0.32479	0.37354	1.2105
579285.014141696.4	579285	4141696	0.31721	0.34243	0.29869	0.34137	1.31076
579305.014141696.4	579305	4141696	0.29491	0.31544	0.27535	0.312	1.44017
579325.014141696.4	579325	4141696	0.27479	0.29393	0.25505	0.28782	1.68396
579345.014141696.4	579345	4141696	0.2562	0.27369	0.23666	0.26621	2.06346
578385.014141716.4	578385	4141716	0.05185	0.04954	0.07383	0.06737	0.07458
578405.014141716.4	578405	4141716	0.05639	0.05376	0.08164	0.07403	0.07932
578425.014141716.4	578425	4141716	0.06175	0.05871	0.09108	0.082	0.08517
578445.014141716.4	578445	4141716	0.0679	0.06437	0.10218	0.09127	0.09135
578465.014141716.4	578465	4141716	0.07469	0.07061	0.11482	0.10171	0.09801
578485.014141716.4	578485	4141716	0.08272	0.07795	0.13021	0.11429	0.10574
578505.014141716.4	578505	4141716	0.09283	0.08714	0.15029	0.13049	0.11537
578525.014141716.4	578525	4141716	0.10483	0.09799	0.1751	0.15021	0.1266
578605.014141716.4	578605	4141716	0.1787	0.16426	0.35068	0.285	0.19256
578625.014141716.4	578625	4141716	0.20976	0.19186	0.43513	0.34849	0.21945
578645.014141716.4	578645	4141716	0.24924	0.22684	0.55089	0.43549	0.25299
578665.014141716.4	578665	4141716	0.2977	0.26979	0.70624	0.55313	0.29305
578685.014141716.4	578685	4141716	0.36111	0.32598	0.92921	0.72592	0.3437
578905.014141716.4	578905	4141716	3.63091	3.97894	3.55149	5.10931	2.88223
578925.014141716.4	578925	4141716	3.4033	3.85064	2.58735	3.61818	3.18027
578945.014141716.4	578945	4141716	2.88358	3.3608	1.97547	2.70705	3.03788
578965.014141716.4	578965	4141716	2.29612	2.75135	1.57153	2.12427	2.68092
578985.014141716.4	578985	4141716	1.78832	2.1757	1.29479	1.726	2.33041
579005.014141716.4	579005	4141716	1.4019	1.69713	1.09787	1.44175	2.03168
579025.014141716.4	579025	4141716	1.12015	1.33961	0.95094	1.23366	1.7949
579045.014141716.4	579045	4141716	0.91215	1.08185	0.83555	1.0703	1.60128
579065.014141716.4	579065	4141716	0.75722	0.89487	0.7412	0.93669	1.44227
579085.014141716.4	579085	4141716	0.64237	0.75823	0.66193	0.82696	1.31698
579105.014141716.4	579105	4141716	0.55756	0.65407	0.59383	0.73513	1.22137

579125.014141716.4	579125	4141716	0.49541	0.57434	0.53566	0.65504	1.13749
579145.014141716.4	579145	4141716	0.44781	0.51242	0.485	0.58588	1.07344
579165.014141716.4	579165	4141716	0.40965	0.4632	0.44053	0.52777	1.03513
579185.014141716.4	579185	4141716	0.37803	0.42281	0.40151	0.47678	1.01213
579205.014141716.4	579205	4141716	0.35125	0.38887	0.36744	0.43244	1.00509
579225.014141716.4	579225	4141716	0.32749	0.35948	0.33725	0.39373	1.01783
579245.014141716.4	579245	4141716	0.30603	0.33118	0.31016	0.3582	1.03993
579265.014141716.4	579265	4141716	0.2865	0.30961	0.28661	0.32923	1.10897
579285.014141716.4	579285	4141716	0.26846	0.28904	0.2653	0.30305	1.20683
579305.014141716.4	579305	4141716	0.25123	0.26839	0.24575	0.27879	1.33171
579325.014141716.4	579325	4141716	0.23636	0.25165	0.22887	0.25831	1.54286
579345.014141716.4	579345	4141716	0.2222	0.23675	0.21361	0.24025	1.87469
578385.014141736.4	578385	4141736	0.05458	0.052	0.07811	0.0706	0.07517
578405.014141736.4	578405	4141736	0.05976	0.05678	0.08708	0.07814	0.08057
578425.014141736.4	578425	4141736	0.06567	0.06221	0.09756	0.08688	0.0862
578445.014141736.4	578445	4141736	0.07223	0.06823	0.10954	0.09675	0.09229
578465.014141736.4	578465	4141736	0.07982	0.07517	0.12382	0.1084	0.09905
578485.014141736.4	578485	4141736	0.08897	0.08351	0.14161	0.12276	0.10731
578505.014141736.4	578505	4141736	0.10144	0.09516	0.16707	0.14353	0.11848
578625.014141736.4	578625	4141736	0.23457	0.21417	0.49781	0.40098	0.22478
578645.014141736.4	578645	4141736	0.2779	0.25294	0.62701	0.5034	0.25693
578665.014141736.4	578665	4141736	0.33313	0.30245	0.80473	0.64813	0.29644
578865.014141736.4	578865	4141736	2.5893	2.67343	4.26896	6.02732	1.56596
578885.014141736.4	578885	4141736	2.7828	2.96695	3.19165	4.53324	1.843
578905.014141736.4	578905	4141736	2.74475	3.01704	2.35105	3.2636	2.0508
578925.014141736.4	578925	4141736	2.4765	2.79867	1.77292	2.39112	2.102
578945.014141736.4	578945	4141736	2.07941	2.41673	1.39385	1.84722	2.01602
578965.014141736.4	578965	4141736	1.67857	1.9912	1.1362	1.48383	1.85468
578985.014141736.4	578985	4141736	1.34322	1.60633	0.95387	1.23407	1.68676
579005.014141736.4	579005	4141736	1.08579	1.28654	0.82142	1.05175	1.52846
579025.014141736.4	579025	4141736	0.89073	1.03945	0.72191	0.91472	1.38939
579045.014141736.4	579045	4141736	0.73992	0.85462	0.64384	0.80736	1.27051
579065.014141736.4	579065	4141736	0.62227	0.71762	0.58002	0.7214	1.17378
579085.014141736.4	579085	4141736	0.53153	0.61336	0.52603	0.64974	1.09541
579105.014141736.4	579105	4141736	0.46232	0.53214	0.47903	0.58757	1.03328
579125.014141736.4	579125	4141736	0.4105	0.46915	0.43829	0.5324	0.98048
579145.014141736.4	579145	4141736	0.37061	0.4199	0.4021	0.48397	0.94086
579165.014141736.4	579165	4141736	0.33905	0.38079	0.36973	0.44129	0.91787
579185.014141736.4	579185	4141736	0.3133	0.34887	0.3407	0.40351	0.90929
579205.014141736.4	579205	4141736	0.29198	0.32238	0.3149	0.36996	0.91318
579225.014141736.4	579225	4141736	0.27347	0.29963	0.29167	0.34011	0.93271
579245.014141736.4	579245	4141736	0.25702	0.27954	0.2707	0.31305	0.96927
579265.014141736.4	579265	4141736	0.24208	0.26063	0.25173	0.28867	1.02571
579285.014141736.4	579285	4141736	0.22836	0.24491	0.23458	0.26758	1.11827
579305.014141736.4	579305	4141736	0.21566	0.23135	0.21903	0.24908	1.25978
579325.014141736.4	579325	4141736	0.20385	0.21792	0.2049	0.23193	1.45368
579345.014141736.4	579345	4141736	0.19276	0.20549	0.19198	0.21642	1.76201
578385.014141756.4	578385	4141756	0.05804	0.05512	0.08367	0.0749	0.07645
578405.014141756.4	578405	4141756	0.06372	0.06033	0.09359	0.08315	0.08159
578425.014141756.4	578425	4141756	0.07016	0.06624	0.10516	0.09269	0.08727
578445.014141756.4	578445	4141756	0.07758	0.07302	0.11888	0.10391	0.09365
578465.014141756.4	578465	4141756	0.08616	0.08086	0.13527	0.11721	0.10085
578485.014141756.4	578485	4141756	0.09744	0.09107	0.15749	0.13509	0.11017
578845.014141756.4	578845	4141756	2.00086	2.04146	3.59379	4.83304	1.14715
578865.014141756.4	578865	4141756	2.17247	2.27446	2.86013	3.94341	1.31059
578885.014141756.4	578885	4141756	2.21334	2.37674	2.19301	3.01256	1.44835
578905.014141756.4	578905	4141756	2.09634	2.30935	1.67314	2.25225	1.52428
578925.014141756.4	578925	4141756	1.85165	2.09208	1.30386	1.71316	1.52462
578945.014141756.4	578945	4141756	1.55379	1.79635	1.04834	1.351	1.47022
578965.014141756.4	578965	4141756	1.27321	1.49622	0.86712	1.10552	1.39068
578985.014141756.4	578985	4141756	1.04389	1.22743	0.73569	0.92668	1.29586
579005.014141756.4	579005	4141756	0.86506	1.00505	0.63862	0.79663	1.20309
579025.014141756.4	579025	4141756	0.72485	0.83081	0.56543	0.70013	1.11918
579045.014141756.4	579045	4141756	0.61235	0.69701	0.50838	0.6262	1.04682
579065.014141756.4	579065	4141756	0.52164	0.59216	0.46213	0.56644	0.98479
579085.014141756.4	579085	4141756	0.44936	0.50966	0.42334	0.51634	0.93337

			Dust										
XY	X	Y	Demolition	Grading	New Building Construction	Renovation Building Construction	Paving	Architectural Coating	Demolition	Construction	Demolition	Construction	Haul
578385.014141176.4	578385	4141176	0.08533	0.05732	0.05823	0.03122	0.07194	0.04506	0.02527	0.02504	0.04498	0.04405	0.04865
578405.014141176.4	578405	4141176	0.09482	0.06456	0.06578	0.03399	0.0816	0.05025	0.02785	0.02748	0.04945	0.04827	0.05093
578425.014141176.4	578425	4141176	0.106	0.07328	0.07473	0.03721	0.09347	0.05643	0.03085	0.03028	0.05457	0.05315	0.05383
578445.014141176.4	578445	4141176	0.11936	0.08396	0.08555	0.04099	0.10834	0.06392	0.03427	0.03346	0.06059	0.05891	0.05756
578465.014141176.4	578465	4141176	0.13467	0.09656	0.09822	0.0452	0.12631	0.07263	0.03799	0.03692	0.0674	0.06544	0.06011
578485.014141176.4	578485	4141176	0.15334	0.11236	0.114	0.05021	0.14918	0.08338	0.04217	0.04084	0.07563	0.07336	0.06347
578505.014141176.4	578505	4141176	0.17672	0.13256	0.13418	0.05629	0.17859	0.09696	0.04692	0.04532	0.08586	0.08324	0.06809
578525.014141176.4	578525	4141176	0.20488	0.15729	0.15932	0.06341	0.21493	0.11339	0.05215	0.0503	0.0981	0.09504	0.07232
578545.014141176.4	578545	4141176	0.24027	0.18846	0.19176	0.07211	0.26054	0.13399	0.05814	0.05609	0.11339	0.10977	0.07788
578565.014141176.4	578565	4141176	0.28295	0.22584	0.23176	0.08235	0.31488	0.15854	0.06479	0.06258	0.13171	0.12709	0.08259
578585.014141176.4	578585	4141176	0.33596	0.27185	0.28218	0.0949	0.38111	0.18876	0.0726	0.07026	0.15431	0.14813	0.08858
578605.014141176.4	578605	4141176	0.40032	0.32751	0.34422	0.11008	0.46076	0.22537	0.08184	0.07933	0.18149	0.1729	0.09515
578625.014141176.4	578625	4141176	0.47651	0.39382	0.41877	0.12804	0.55568	0.269	0.09278	0.09004	0.21323	0.20124	0.10173
578645.014141176.4	578645	4141176	0.56777	0.47453	0.50984	0.14955	0.67222	0.32209	0.10625	0.1031	0.25029	0.23381	0.1094
578665.014141176.4	578665	4141176	0.67974	0.57613	0.62431	0.17563	0.82081	0.38876	0.12344	0.11967	0.2939	0.27184	0.11979
578685.014141176.4	578685	4141176	0.81877	0.70557	0.7702	0.2072	1.01377	0.47315	0.14548	0.14055	0.34497	0.31632	0.13221
578705.014141176.4	578705	4141176	0.98701	0.86633	0.95164	0.24407	1.25804	0.57697	0.1726	0.16581	0.40266	0.36667	0.14496
578725.014141176.4	578725	4141176	1.1962	1.07042	1.18365	0.2882	1.57258	0.7074	0.20614	0.19645	0.46958	0.42501	0.15938
578745.014141176.4	578745	4141176	1.46222	1.33199	1.48644	0.34242	1.97587	0.87304	0.24743	0.23358	0.54971	0.49431	0.17644
578765.014141176.4	578765	4141176	1.7928	1.6524	1.86747	0.40773	2.45809	1.07489	0.2959	0.27685	0.64438	0.5752	0.19576
578785.014141176.4	578785	4141176	2.21647	2.04188	2.34683	0.48911	3.01309	1.32086	0.35326	0.3282	0.76147	0.67385	0.21942
578805.014141176.4	578805	4141176	2.75295	2.48989	2.91632	0.58991	3.59358	1.6077	0.42	0.3887	0.90676	0.79471	0.24841
578825.014141176.4	578825	4141176	3.42651	2.98001	3.55371	0.71647	4.14024	1.93128	0.49888	0.46125	1.09084	0.94591	0.28508
578845.014141176.4	578845	4141176	4.2373	3.47563	4.20279	0.87545	4.57296	2.2778	0.59358	0.54903	1.32391	1.13466	0.33108
578865.014141176.4	578865	4141176	5.12336	3.90945	4.76319	1.06762	4.80089	2.61463	0.70517	0.65231	1.6044	1.35883	0.38474
578885.014141176.4	578885	4141176	6.05837	4.25757	5.18988	1.30707	4.81683	2.93856	0.84478	0.78009	1.94235	1.62664	0.44771
578905.014141176.4	578905	4141176	6.96863	4.48126	5.42326	1.59936	4.63077	3.23239	1.0207	0.939	2.32351	1.93061	0.51653
578925.014141176.4	578925	4141176	7.80605	4.57018	5.4457	1.95332	4.30121	3.49214	1.24655	1.14061	2.7232	2.25954	0.58767
578945.014141176.4	578945	4141176	8.53491	4.53048	5.26812	2.37765	3.89958	3.71728	1.53888	1.39841	3.10251	2.59293	0.65711
578965.014141176.4	578965	4141176	9.08519	4.36509	4.91004	2.86389	3.47458	3.89125	1.90282	1.71511	3.40424	2.89083	0.71904
578985.014141176.4	578985	4141176	9.43089	4.10702	4.43423	3.41046	3.07086	4.01571	2.34558	2.09549	3.59523	3.12392	0.77279
579005.014141176.4	579005	4141176	9.51876	3.78026	3.89762	3.98321	2.70134	4.07747	2.84918	2.52675	3.65179	3.2619	0.81775
579025.014141176.4	579025	4141176	9.35491	3.42537	3.3695	4.5387	2.37606	4.08034	3.39101	2.99925	3.58557	3.30093	0.85915
579045.014141176.4	579045	4141176	8.92618	3.06163	2.88556	4.97906	2.08651	4.00442	3.90751	3.47472	3.41211	3.23898	0.89977
579065.014141176.4	579065	4141176	8.25683	2.70343	2.46226	5.20158	1.82565	3.83169	4.31829	3.89699	3.15805	3.08583	0.94131
579085.014141176.4	579085	4141176	7.41025	2.36081	2.10017	5.14811	1.58985	3.55902	4.55108	4.2014	2.85445	2.86029	0.98391
579105.014141176.4	579105	4141176	6.49656	2.04821	1.79789	4.84825	1.38235	3.21661	4.5818	4.35014	2.53922	2.59449	1.03031
579125.014141176.4	579125	4141176	5.60397	1.77069	1.54487	4.37777	1.20321	2.84059	4.41753	4.32373	2.23847	2.3163	1.08108
579145.014141176.4	579145	4141176	4.79093	1.52886	1.33051	3.8304	1.05096	2.46639	4.09663	4.13185	1.96715	2.04802	1.13575
579165.014141176.4	579165	4141176	4.07988	1.31972	1.14635	3.28263	0.92235	2.11825	3.67373	3.80743	1.72917	1.80282	1.19232
579185.014141176.4	579185	4141176	3.49133	1.14515	0.99175	2.79974	0.81708	1.81958	3.22565	3.41713	1.53044	1.59474	1.25614
579205.014141176.4	579205	4141176	2.99262	0.99577	0.85957	2.38394	0.72847	1.56308	2.78938	2.99855	1.35852	1.41581	1.32103
579225.014141176.4	579225	4141176	2.57435	0.8698	0.74911	2.03945	0.65435	1.3486	2.40374	2.60095	1.21025	1.26434	1.3895
578385.014141196.4	578385	4141196	0.08384	0.05622	0.05673	0.031	0.0709	0.0443	0.02439	0.02428	0.04423	0.0435	0.04988
578405.014141196.4	578405	4141196	0.09315	0.06338	0.06426	0.03372	0.08047	0.04941	0.02678	0.02657	0.0488	0.04778	0.05215
578425.014141196.4	578425	4141196	0.10416	0.07202	0.07322	0.03686	0.09222	0.05551	0.02962	0.02926	0.05401	0.0527	0.05515
578445.014141196.4	578445	4141196	0.11701	0.08235	0.08381	0.04044	0.10659	0.06272	0.03287	0.0323	0.05993	0.05832	0.05809
578465.014141196.4	578465	4141196	0.13232	0.09503	0.09663	0.04462	0.12459	0.07146	0.0366	0.03577	0.06684	0.06491	0.06144
578485.014141196.4	578485	4141196	0.15084	0.11084	0.11243	0.04953	0.14746	0.08219	0.04084	0.03972	0.07508	0.07281	0.06522
578505.014141196.4	578505	4141196	0.17344	0.13064	0.13217	0.05534	0.17657	0.09544	0.04562	0.04417	0.08497	0.08233	0.06932
578525.014141196.4	578525	4141196	0.20155	0.15581	0.15744	0.06235	0.21385	0.11208	0.05103	0.04925	0.09713	0.09411	0.07424
578545.014141196.4	578545	4141196	0.23642	0.18728	0.18973	0.07078	0.2607	0.13273	0.05712	0.05504	0.11209	0.10853	0.07952
578565.014141196.4	578565	4141196	0.27992	0.22647	0.23103	0.08101	0.31878	0.15824	0.06402	0.0617	0.13057	0.12611	0.08503
578585.014141196.4	578585	4141196	0.33374	0.27465	0.28315	0.09341	0.38956	0.1895	0.07191	0.06938	0.15323	0.14735	0.09094
578605.014141196.4	578605	4141196	0.3993	0.33303	0.34765	0.10835	0.47478	0.22737	0.08099	0.07829	0.18058	0.17251	0.09724
578625.014141196.4	578625	4141196	0.47924	0.40447	0.42759	0.12654	0.57904	0.2737	0.09184	0.08895	0.2135	0.2021	0.10411
578645.014141196.4	578645	4141196	0.57848	0.49459	0.52902	0.14911	0.71162	0.33222	0.10548	0.10227	0.25348	0.23738	0.11387
578665.014141196.4	578665	4141196	0.70102	0.60883	0.65787	0.17671	0.88209	0.40609	0.12278	0.11903	0.30109	0.27879	0.12507
578685.014141196.4	578685	4141196	0.84757	0.74979	0.81691	0.20894	1.09601	0.49667	0.14404	0.13939	0.35515	0.32559	0.13692
578705.014141196.4	578705	4141196	1.02881	0.92942	1.01997	0.24737	1.37377	0.6111	0.17091	0.16466	0.41768	0.37976	0.15037
578725.014141196.4	578725	4141196	1.25675	1.16056	1.28342	0.29362	1.73624	0.75686	0.20475	0.19587	0.49069	0.44306	0.1658
578745.014141196.4	578745	4141196	1.54833	1.45827	1.62946	0.35033	2.20277	0.94294	0.24698	0.23407	0.5778	0.51813	0.18393
578765.014141196.4	578765	4141196	1.92532	1.83499	2.08112	0.42096	2.77774	1.17728	0.29885	0.28036	0.68403	0.60856	0.20572
578785.014141196.4	578785	4141196	2.40381	2.28486	2.64021	0.50774	3.42352	1.45796	0.36004	0.33479	0.81277	0.7166	0.23137
578805.014141196.4	578805	4141196	3.02182	2.80612	3.31061	0.61765	4.09795	1.78819	0.43294	0.40016	0.97527	0.85098	0.26361
578825.014141196.4	578825	4141196	3.79364	3.36465	4.04598	0.75572	4.70813	2.15416	0.51878	0.47827	1.18006	1.01798	0.3039
578845.014141196.4	578845	4141196	4.72402	3.92053	4.78228	0.93138	5.16449	2.54226	0.62227	0.57354	1.44154	1.22797	0.35503

578865.014141196.4	578865	4141196	5.76679	4.41266	5.42177	1.15273	5.38159	2.92773	0.74879	0.69018	1.7681	1.48623	0.41743
578885.014141196.4	578885	4141196	6.82179	4.77243	5.85942	1.42252	5.31775	3.27841	0.90279	0.83115	2.15175	1.78707	0.48787
578905.014141196.4	578905	4141196	7.84137	4.98604	6.06569	1.75597	5.03081	3.59533	1.09997	1.00918	2.58718	2.13109	0.56496
578925.014141196.4	578925	4141196	8.76607	5.04373	6.02468	2.16253	4.60137	3.87391	1.35646	1.23752	3.04112	2.50287	0.64364
578945.014141196.4	578945	4141196	9.54578	4.95173	5.75155	2.64841	4.11394	4.10945	1.68922	1.52966	3.45996	2.87308	0.71798
578965.014141196.4	578965	4141196	10.13508	4.73126	5.29222	3.21639	3.63152	4.29665	2.11236	1.89541	3.78517	3.20212	0.78361
578985.014141196.4	578985	4141196	10.45113	4.40023	4.70131	3.84253	3.17759	4.4138	2.61711	2.32591	3.96221	3.44027	0.83676
579005.014141196.4	579005	4141196	10.51042	4.01785	4.07908	4.52156	2.77933	4.47932	3.20779	2.828	3.99217	3.57558	0.8831
579025.014141196.4	579025	4141196	10.27414	3.61281	3.48608	5.17533	2.42961	4.47758	3.84137	3.37853	3.88157	3.59454	0.92668
579045.014141196.4	579045	4141196	9.69623	3.19516	2.94817	5.65215	2.11274	4.36693	4.41925	3.91397	3.64574	3.48959	0.96776
579065.014141196.4	579065	4141196	8.8602	2.79503	2.49269	5.8505	1.83224	4.146	4.86306	4.38329	3.3339	3.28896	1.01227
579085.014141196.4	579085	4141196	7.82404	2.41225	2.10436	5.6927	1.57969	3.8	5.07052	4.69063	2.97427	3.00886	1.05644
579105.014141196.4	579105	4141196	6.74677	2.06897	1.78434	5.25271	1.36264	3.38174	5.03403	4.80605	2.61584	2.69478	1.1051
579125.014141196.4	579125	4141196	5.7359	1.77118	1.52036	4.64721	1.18082	2.94185	4.77792	4.71789	2.2869	2.38072	1.15975
579145.014141196.4	579145	4141196	4.85494	1.51944	1.30143	4.00134	1.03162	2.5253	4.36444	4.45221	2.0018	2.0923	1.22189
579165.014141196.4	579165	4141196	4.10109	1.30478	1.1154	3.38705	0.90751	2.14897	3.85712	4.04709	1.75508	1.83528	1.28661
579185.014141196.4	579185	4141196	3.47038	1.12377	0.95868	2.85026	0.80447	1.82529	3.33213	3.57109	1.54391	1.6144	1.35377
579205.014141196.4	579205	4141196	2.95103	0.9734	0.8294	2.40666	0.71927	1.55693	2.85148	3.0936	1.3645	1.42934	1.42623
579225.014141196.4	579225	4141196	2.52105	0.84862	0.72415	2.04481	0.64798	1.33601	2.44258	2.65911	1.20967	1.27286	1.50463
579245.014141196.4	579245	4141196	2.16385	0.74534	0.63958	1.74836	0.58754	1.15392	2.10823	2.28915	1.07398	1.13775	1.59017
578385.014141216.4	578385	4141216	0.08258	0.05509	0.05514	0.0309	0.06971	0.04361	0.02383	0.02375	0.04325	0.04277	0.05125
578405.014141216.4	578405	4141216	0.09167	0.06216	0.06258	0.03357	0.07924	0.04863	0.02596	0.02585	0.04794	0.04714	0.05359
578425.014141216.4	578425	4141216	0.10236	0.07061	0.07142	0.03662	0.09077	0.05457	0.02853	0.02833	0.05322	0.05208	0.05628
578445.014141216.4	578445	4141216	0.11496	0.0808	0.08195	0.04012	0.10492	0.06165	0.03157	0.03123	0.05922	0.05773	0.05924
578465.014141216.4	578465	4141216	0.13003	0.09336	0.09475	0.04421	0.12273	0.07027	0.03517	0.03461	0.06619	0.06434	0.06281
578485.014141216.4	578485	4141216	0.14816	0.10895	0.11043	0.04897	0.14532	0.08083	0.03932	0.03848	0.07437	0.07214	0.06662
578505.014141216.4	578505	4141216	0.1701	0.1284	0.12985	0.05455	0.17411	0.0938	0.04404	0.04286	0.08407	0.08144	0.0705
578525.014141216.4	578525	4141216	0.19799	0.15385	0.15516	0.06141	0.21205	0.11055	0.04957	0.04801	0.09617	0.09316	0.07607
578545.014141216.4	578545	4141216	0.2325	0.18575	0.18748	0.06963	0.26024	0.13133	0.05579	0.05384	0.11093	0.10739	0.08155
578565.014141216.4	578565	4141216	0.27591	0.22609	0.2293	0.07963	0.32112	0.15735	0.06286	0.06054	0.12925	0.12489	0.08717
578585.014141216.4	578585	4141216	0.33046	0.27658	0.28311	0.09187	0.39688	0.18975	0.07094	0.06829	0.15198	0.14635	0.09339
578605.014141216.4	578605	4141216	0.39775	0.33852	0.35074	0.10669	0.48921	0.22941	0.08013	0.07723	0.17968	0.17207	0.1
578625.014141216.4	578625	4141216	0.48228	0.41638	0.43723	0.1252	0.60522	0.27924	0.09116	0.08803	0.214	0.20322	0.10803
578645.014141216.4	578645	4141216	0.58868	0.51577	0.5487	0.14846	0.75449	0.34279	0.10487	0.10146	0.25635	0.24077	0.11803
578665.014141216.4	578665	4141216	0.71731	0.63928	0.68777	0.17635	0.9424	0.4215	0.12153	0.11772	0.30606	0.28402	0.12902
578685.014141216.4	578685	4141216	0.87653	0.79755	0.86636	0.21017	1.18752	0.52175	0.14263	0.1381	0.36479	0.33461	0.14184
578705.014141216.4	578705	4141216	1.07219	0.99911	1.09435	0.25023	1.50536	0.64834	0.16906	0.16326	0.4325	0.39286	0.15607
578725.014141216.4	578725	4141216	1.32056	1.26184	1.39445	0.29869	1.92535	0.81175	0.20282	0.19476	0.51216	0.46145	0.17256
578745.014141216.4	578745	4141216	1.64318	1.60521	1.79543	0.35853	2.47315	1.02347	0.24592	0.23408	0.60792	0.54359	0.19221
578765.014141216.4	578765	4141216	2.06751	2.04457	2.32652	0.4337	3.15375	1.29319	0.30011	0.2826	0.72548	0.64331	0.21608
578785.014141216.4	578785	4141216	2.62015	2.57696	2.99595	0.52795	3.92478	1.62121	0.36607	0.3411	0.87046	0.7644	0.24495
578805.014141216.4	578805	4141216	3.32985	3.18178	3.784	0.64644	4.70456	2.00007	0.44463	0.41092	1.05107	0.9129	0.28039
578825.014141216.4	578825	4141216	4.22792	3.82742	4.64546	0.79834	5.39328	2.41969	0.53886	0.49567	1.28207	1.09982	0.3256
578845.014141216.4	578845	4141216	5.30627	4.45395	5.48515	0.99332	5.86784	2.85675	0.65268	0.59947	1.57799	1.33524	0.38305
578925.014141216.4	578925	4141216	9.87473	5.57244	6.66966	2.40071	4.90621	4.30742	1.47845	1.34473	3.40924	2.78134	0.70735
578945.014141216.4	578945	4141216	10.69828	5.41127	6.2729	2.9568	4.32255	4.55037	1.85678	1.67543	3.86901	3.191	0.78601
578965.014141216.4	578965	4141216	11.35002	5.13212	5.69927	3.6318	3.7868	4.7612	2.35626	2.104	4.2224	3.55919	0.85598
578985.014141216.4	578985	4141216	11.68912	4.73714	4.99551	4.38753	3.29426	4.89588	2.95847	2.61313	4.39331	3.81555	0.9116
579005.014141216.4	579005	4141216	11.68972	4.28176	4.2671	5.1933	2.85707	4.95789	3.65047	3.19687	4.37835	3.93733	0.95786
579025.014141216.4	579025	4141216	11.29838	3.79936	3.58377	5.93318	2.46724	4.92346	4.36779	3.8183	4.19363	3.91193	0.99905
579045.014141216.4	579045	4141216	10.53425	3.32309	2.99195	6.44768	2.12297	4.77096	5.01704	4.42484	3.88458	3.75436	1.04117
579065.014141216.4	579065	4141216	9.47767	2.87322	2.50177	6.58878	1.82255	4.48206	5.48381	4.93791	3.5035	3.49314	1.08791
579085.014141216.4	579085	4141216	8.23246	2.45277	2.09334	6.29506	1.55987	4.05319	5.65855	5.25063	3.08878	3.15588	1.13609
579105.014141216.4	579105	4141216	6.97968	2.08074	1.75943	5.68107	1.33919	3.54906	5.53523	5.32276	2.68914	2.7924	1.18901
579125.014141216.4	579125	4141216	5.85463	1.76658	1.48878	4.92508	1.16024	3.04304	5.16943	5.1605	2.33652	2.44577	1.25082
579145.014141216.4	579145	4141216	4.89122	1.50269	1.26467	4.16093	1.01447	2.57475	4.63506	4.79102	2.03294	2.13316	1.31849
579165.014141216.4	579165	4141216	4.08226	1.2808	1.07719	3.46589	0.89394	2.1632	4.02166	4.27779	1.77174	1.85968	1.38779
579185.014141216.4	579185	4141216	3.42507	1.09878	0.92435	2.88625	0.79517	1.82211	3.42771	3.71781	1.55194	1.63103	1.46322
579205.014141216.4	579205	4141216	2.89273	0.95028	0.80169	2.41879	0.71341	1.54531	2.90972	3.18438	1.36566	1.4409	1.54723
579225.014141216.4	579225	4141216	2.45896	0.82911	0.70438	2.04269	0.64456	1.32099	2.4842	2.71931	1.205	1.27977	1.6414
579245.014141216.4	579245	4141216	2.09765	0.7282	0.62616	1.72954	0.58439	1.13405	2.13143	2.32343	1.06111	1.13597	1.73841
578385.014141236.4	578385	4141236	0.08144	0.05385	0.05346	0.03083	0.06822	0.04292	0.02354	0.02346	0.042	0.04178	0.05185
578405.014141236.4	578405	4141236	0.09048	0.06096	0.06086	0.03354	0.07788	0.04795	0.02551	0.02542	0.04683	0.04631	0.05511
578425.014141236.4	578425	4141236	0.10083	0.06922	0.0695	0.03653	0.08924	0.05373	0.02777	0.02766	0.05218	0.05131	0.05765
578445.014141236.4	578445	4141236	0.11314	0.07924	0.07992	0.03997	0.1032	0.06067	0.03053	0.03034	0.05829	0.05702	0.06067
578465.014141236.4	578465	4141236	0.12784	0.09153	0.09254	0.04396	0.12067	0.06909	0.03384	0.03352	0.06531	0.06363	0.06409
578485.014141236.4	578485	4141236	0.14554	0.10683	0.10804	0.04859	0.14287	0.07941	0.03777	0.03723	0.0735	0.07138	0.06789
578505.014141236.4	578505	4141236	0.16767	0.12668	0.12783	0.05419	0.17216	0.09262	0.04248	0.04166	0.08344	0.0809	0.07319
578525.014141236.4	578525	4141236	0.19492	0.15186	0.15291	0.06083	0.21017	0.10915	0.04794	0.04672	0.0954	0.09241	0.07859
578545.014141236.4	578545	4141236	0.22822	0.18346	0.18454	0.06863	0.25851	0.12956	0.05408	0.05241	0.10969	0.10616	0.0834
578565.014141236.4	578565	4141236	0.27107	0.22456	0.22647	0.07832	0.32164	0.15585	0.06125	0.05911	0.12775	0.12347	0.0892
578585.014141236.4	578585	4141236	0.32619	0.27744	0.28189	0.09039	0.40263	0.18944	0.06957	0.06696	0.15056	0.14513	0.0959
578605.014141236.4	578605	4141236	0.39488	0.3431	0.35255	0.10503	0.50268	0.23094	0.07896	0.07596	0.17852	0.17132	0.10289

578625.014141236.4	578625	4141236	0.48215	0.42636	0.4441	0.12337	0.62941	0.28349	0.09005	0.08672	0.21348	0.20336	0.11113
578645.014141236.4	578645	4141236	0.59332	0.53359	0.56359	0.14664	0.79381	0.35106	0.10362	0.09997	0.25716	0.24241	0.1213
578665.014141236.4	578665	4141236	0.73128	0.67028	0.71696	0.17531	1.00627	0.43689	0.12019	0.1162	0.30993	0.28849	0.13302
578685.014141236.4	578685	4141236	0.90352	0.84753	0.91659	0.21047	1.28687	0.54752	0.14103	0.13648	0.37314	0.34282	0.14673
578705.014141236.4	578705	4141236	1.11795	1.07745	1.17666	0.25273	1.6576	0.68982	0.16728	0.16175	0.44728	0.40616	0.16224
578725.014141236.4	578725	4141236	1.39135	1.38002	1.52291	0.30394	2.15179	0.87532	0.20096	0.19357	0.53492	0.48104	0.18018
578745.014141236.4	578745	4141236	1.7466	1.77613	1.98757	0.36668	2.79612	1.11614	0.24416	0.23346	0.63962	0.57033	0.20117
578765.014141236.4	578765	4141236	2.22099	2.28768	2.61127	0.4459	3.60125	1.4259	0.29968	0.28355	0.76877	0.67946	0.22693
578785.014141236.4	578785	4141236	2.86243	2.92289	3.42042	0.54833	4.53038	1.81216	0.37023	0.34616	0.93274	0.81577	0.25957
578805.014141236.4	578805	4141236	3.68975	3.6359	4.36324	0.67718	5.44644	2.25351	0.45513	0.42114	1.13629	0.9821	0.29935
578825.014141236.4	578825	4141236	4.74638	4.38918	5.3829	0.84486	6.22689	2.73887	0.55871	0.51331	1.39922	1.19309	0.35071
578945.014141236.4	578945	4141236	12.072	5.93523	6.85766	3.32879	4.53856	5.07086	2.05717	1.84875	4.35602	3.56751	0.86539
578965.014141236.4	578965	4141236	12.72402	5.55468	6.11295	4.10621	3.92599	5.27879	2.62868	2.33574	4.71306	3.95907	0.93481
578985.014141236.4	578985	4141236	13.11785	5.09354	5.28578	5.03722	3.398	5.4462	3.35807	2.94641	4.87462	4.2385	0.99334
579005.014141236.4	579005	4141236	13.03091	4.55003	4.43385	5.99846	2.91537	5.49978	4.16868	3.62438	4.7952	4.33549	1.03809
579025.014141236.4	579025	4141236	12.46939	3.99035	3.66395	6.86368	2.48916	5.44004	5.00083	4.34297	4.52696	4.26084	1.07902
579045.014141236.4	579045	4141236	11.44965	3.44462	3.01436	7.40122	2.1168	5.22745	5.72357	5.02619	4.12771	4.03408	1.1215
579065.014141236.4	579065	4141236	10.09915	2.93526	2.48701	7.43114	1.79835	4.84182	6.19474	5.57423	3.66377	3.69573	1.16893
579085.014141236.4	579085	4141236	8.63024	2.48234	2.06734	6.96103	1.53487	4.32056	6.32838	5.89836	3.19868	3.30126	1.225
579105.014141236.4	579105	4141236	7.19388	2.08482	1.72456	6.13406	1.31716	3.71988	6.09297	5.91426	2.76137	2.88904	1.28511
579125.014141236.4	579125	4141236	5.9303	1.75085	1.44628	5.18788	1.14155	3.13038	5.57432	5.63816	2.37879	2.50331	1.35148
579145.014141236.4	579145	4141236	4.87853	1.47554	1.21973	4.28945	0.99964	2.60454	4.89107	5.13303	2.05372	2.16449	1.42308
579165.014141236.4	579165	4141236	4.03568	1.25316	1.038	3.52765	0.88483	2.16737	4.17598	4.50818	1.78323	1.88145	1.50281
579185.014141236.4	579185	4141236	3.35893	1.07278	0.89285	2.90776	0.78957	1.81161	3.5163	3.85978	1.55446	1.64549	1.58949
579205.014141236.4	579205	4141236	2.81691	0.92723	0.77873	2.41436	0.7095	1.52659	2.96159	3.26764	1.35938	1.44788	1.68652
579225.014141236.4	579225	4141236	2.38303	0.81007	0.68983	2.02185	0.64137	1.29872	2.51629	2.76921	1.19122	1.27912	1.79728
579245.014141236.4	579245	4141236	2.02681	0.71297	0.61835	1.69624	0.58089	1.10989	2.14476	2.34898	1.04048	1.12648	1.90995
578385.014141256.4	578385	4141256	0.08091	0.0528	0.05214	0.03092	0.0667	0.04244	0.02374	0.02357	0.04062	0.04061	0.05282
578405.014141256.4	578405	4141256	0.08956	0.05971	0.05917	0.03356	0.07625	0.04731	0.02543	0.02529	0.04544	0.0452	0.056
578425.014141256.4	578425	4141256	0.09979	0.06798	0.06769	0.03658	0.08772	0.05309	0.02746	0.02737	0.05093	0.05037	0.05936
578445.014141256.4	578445	4141256	0.11171	0.07775	0.07782	0.03997	0.10145	0.05985	0.02988	0.02978	0.05711	0.05614	0.06228
578465.014141256.4	578465	4141256	0.12595	0.08971	0.09015	0.04387	0.11851	0.06801	0.03283	0.03267	0.06419	0.06276	0.06549
578485.014141256.4	578485	4141256	0.14329	0.10474	0.10546	0.04845	0.14036	0.07813	0.03644	0.03616	0.07247	0.07055	0.06949
578505.014141256.4	578505	4141256	0.16499	0.1243	0.12506	0.05395	0.16933	0.09113	0.04089	0.04042	0.08247	0.08004	0.07505
578525.014141256.4	578525	4141256	0.19139	0.14898	0.14962	0.06036	0.20684	0.10726	0.04609	0.04529	0.09426	0.09131	0.08024
578545.014141256.4	578545	4141256	0.22394	0.1805	0.18093	0.06791	0.25559	0.12753	0.05212	0.05087	0.10839	0.10488	0.0852
578565.014141256.4	578565	4141256	0.26606	0.22214	0.22279	0.0773	0.32059	0.15397	0.05927	0.0575	0.12622	0.12199	0.09129
578585.014141256.4	578585	4141256	0.32095	0.27684	0.2791	0.08907	0.40613	0.18839	0.06771	0.06536	0.14891	0.14364	0.09837
578605.014141256.4	578605	4141256	0.39131	0.34691	0.35329	0.10363	0.5154	0.23218	0.07744	0.07452	0.17734	0.17045	0.1061
578625.014141256.4	578625	4141256	0.48015	0.4353	0.44919	0.12156	0.65301	0.28719	0.08858	0.08517	0.21252	0.20304	0.11444
578645.014141256.4	578645	4141256	0.5942	0.54956	0.57533	0.14432	0.83197	0.35813	0.10192	0.09809	0.25672	0.24297	0.12442
578665.014141256.4	578665	4141256	0.74165	0.70093	0.7441	0.17355	1.07256	0.45177	0.11856	0.11431	0.31239	0.29191	0.13698
578685.014141256.4	578685	4141256	0.92665	0.89862	0.96581	0.20964	1.39284	0.57332	0.13907	0.13437	0.37964	0.34976	0.15143
578705.014141256.4	578705	4141256	1.16389	1.16395	1.26549	0.25444	1.83143	0.7351	0.16539	0.15991	0.46121	0.41911	0.16864
578725.014141256.4	578725	4141256	1.46545	1.51434	1.66677	0.30847	2.41752	0.94675	0.19877	0.19187	0.55747	0.5007	0.18814
578745.014141256.4	578745	4141256	1.8618	1.97904	2.21466	0.37502	3.19003	1.2252	0.2421	0.23244	0.67337	0.59883	0.21111
578765.014141256.4	578765	4141256	2.39721	2.5827	2.95807	0.4591	4.15664	1.5856	0.29865	0.28404	0.81655	0.71919	0.23926
578785.014141256.4	578785	4141256	3.1298	3.3314	3.92541	0.56792	5.26228	2.03468	0.37176	0.34928	0.99831	0.86965	0.27496
578805.014141256.4	578805	4141256	4.11835	4.19431	5.08528	0.7108	6.36859	2.5621	0.46446	0.43098	1.23342	1.06046	0.32111
578965.014141256.4	578965	4141256	14.37734	6.02933	6.55762	4.68896	4.06333	5.89444	2.96034	2.61563	5.28911	4.43033	1.02518
578985.014141256.4	578985	4141256	14.73406	5.45139	5.54587	5.79293	3.47168	6.05728	3.80926	3.31922	5.39841	4.70369	1.07997
579005.014141256.4	579005	4141256	14.61258	4.83358	4.58291	7.00506	2.95569	6.1389	4.79984	4.13966	5.25391	4.7844	1.12731
579025.014141256.4	579025	4141256	13.79823	4.1795	3.71609	8.01267	2.49053	6.03815	5.76023	4.96652	4.87611	4.6393	1.16649
579045.014141256.4	579045	4141256	12.45601	3.56074	3.01486	8.56429	2.09762	5.75402	6.57161	5.74595	4.37555	4.33068	1.21096
579065.014141256.4	579065	4141256	10.76117	2.99336	2.45965	8.43007	1.77157	5.25329	7.04526	6.34238	3.82748	3.90845	1.2624
579085.014141256.4	579085	4141256	8.99957	2.49865	2.02522	7.68675	1.50951	4.59856	7.08822	6.64788	3.30157	3.4419	1.32431
579105.014141256.4	579105	4141256	7.33914	2.07106	1.6731	6.57275	1.29581	3.87121	6.68352	6.56299	2.81882	2.97113	1.38863
579125.014141256.4	579125	4141256	5.94635	1.72304	1.39446	5.41774	1.12653	3.19577	5.98029	6.14458	2.40958	2.54989	1.46175
579145.014141256.4	579145	4141256	4.83322	1.44465	1.17423	4.39743	0.99068	2.62273	5.14192	5.49042	2.06967	2.19344	1.54354
579165.014141256.4	579165	4141256	3.96075	1.22369	1.00179	3.56745	0.87955	2.16061	4.31877	4.73574	1.78773	1.89999	1.63536
579185.014141256.4	579185	4141256	3.27523	1.04779	0.86772	2.91207	0.78643	1.79426	3.60063	3.99846	1.55019	1.657	1.73835
579205.014141256.4	579205	4141256	2.73038	0.90627	0.76313	2.39281	0.70634	1.50234	3.00928	3.34585	1.3452	1.4494	1.85119
579225.014141256.4	579225	4141256	2.29945	0.79256	0.68132	1.98108	0.63689	1.26998	2.53396	2.80494	1.1675	1.26869	1.97636
579245.014141256.4	579245	4141256	1.95933	0.70062	0.61603	1.65129	0.57613	1.08354	2.14463	2.36356	1.01294	1.10853	2.11232
579265.014141256.4	579265	4141256	1.6914	0.62553	0.56226	1.38499	0.52261	0.93264	1.81581	1.99784	0.879	0.9657	2.25477
578385.014141276.4	578385	4141276	0.08171	0.05253	0.05185	0.03136	0.06573	0.04261	0.02458	0.02432	0.0395	0.03956	0.05624
578405.014141276.4	578405	4141276	0.08926	0.05867	0.05793	0.03371	0.07457	0.04689	0.02585	0.02559	0.04393	0.04389	0.05696
578425.014141276.4	578425	4141276	0.09902	0.06664	0.06593	0.03665	0.08583	0.05245	0.02759	0.0274	0.04936	0.04908	0.06017
578445.014141276.4	578445	4141276	0.11085	0.07645	0.0759	0.0401	0.0997	0.05924	0.02975	0.02967	0.05569	0.05505	0.06415
578465.014141276.4	578465	4141276	0.12467	0.08811	0.08787	0.04397	0.11647	0.0672	0.03234	0.03226	0.06283	0.06174	0.0674
578485.014141276.4	578485	4141276	0.14157	0.1028	0.10284	0.04851	0.13789	0.07708	0.03556	0.03545	0.0712	0.06958	0.07147
578505.014141276.4	578505	4141276	0.16224	0.12145	0.12164	0.05381	0.1657	0.08944	0.03951	0.03931	0.08103	0.07883	0.07608
578525.014141276.4	578525	4141276	0.18807	0.14574	0.14581	0.06012	0.20275	0.1053	0.04437	0.04395	0.09286	0.09006	0.08166

578545.014141276.4	578545	4141276	0.22004	0.17711	0.17682	0.06755	0.25171	0.12541	0.05014	0.04937	0.107	0.10357	0.08711
578565.014141276.4	578565	4141276	0.26085	0.21856	0.21792	0.07656	0.31739	0.15158	0.05703	0.05577	0.12449	0.12032	0.09325
578585.014141276.4	578585	4141276	0.31492	0.27448	0.27443	0.08799	0.40662	0.18648	0.0654	0.06352	0.14695	0.14181	0.10069
578605.014141276.4	578605	4141276	0.3848	0.34731	0.35004	0.10209	0.52292	0.23151	0.07513	0.07258	0.17517	0.16859	0.10871
578625.014141276.4	578625	4141276	0.47679	0.44312	0.45238	0.12005	0.67586	0.2904	0.08666	0.08343	0.21131	0.20236	0.11804
578645.014141276.4	578645	4141276	0.59439	0.56643	0.58684	0.14243	0.87361	0.36585	0.10007	0.0962	0.25631	0.24349	0.12831
578665.014141276.4	578665	4141276	0.74839	0.73132	0.76903	0.17141	1.14188	0.46633	0.11652	0.11209	0.3136	0.29436	0.14103
578685.014141276.4	578685	4141276	0.94713	0.95287	1.01585	0.20824	1.50986	0.60051	0.13692	0.13197	0.38487	0.35597	0.15633
578705.014141276.4	578705	4141276	1.20494	1.25511	1.35567	0.25459	2.02266	0.78204	0.16284	0.15725	0.4726	0.43038	0.17472
578725.014141276.4	578725	4141276	1.54444	1.6704	1.83129	0.31254	2.73632	1.0291	0.19654	0.18982	0.58006	0.52082	0.19671
578745.014141276.4	578745	4141276	1.98838	2.22036	2.4829	0.3831	3.67274	1.35373	0.23966	0.23082	0.70842	0.62861	0.2219
578765.014141276.4	578765	4141276	2.60283	2.94733	3.38875	0.47359	4.85912	1.78146	0.29731	0.28421	0.86966	0.76322	0.25341
578785.014141276.4	578785	4141276	3.45231	3.84491	4.56788	0.59042	6.19736	2.31232	0.37284	0.35229	1.07383	0.9313	0.2931
578985.014141276.4	578985	4141276	16.69925	5.84243	5.79584	6.74655	3.52742	6.79074	4.3659	3.77416	5.99529	5.24358	1.17769
579005.014141276.4	579005	4141276	16.41737	5.10785	4.68105	8.23357	2.96204	6.86585	5.53737	4.73355	5.73587	5.27104	1.22165
579025.014141276.4	579025	4141276	15.35335	4.37786	3.74615	9.4893	2.47917	6.76306	6.70427	5.73562	5.24954	5.059	1.26598
579045.014141276.4	579045	4141276	13.56465	3.67264	2.99352	10.00533	2.07246	6.37423	7.60316	6.6207	4.62837	4.64538	1.3122
579065.014141276.4	579065	4141276	11.44897	3.04482	2.41775	9.60799	1.7482	5.72231	8.06108	7.27157	3.9925	4.12848	1.37021
579085.014141276.4	579085	4141276	9.29347	2.49406	1.9631	8.44234	1.4861	4.86898	7.93109	7.49948	3.387	3.56696	1.43197
579105.014141276.4	579105	4141276	7.42783	2.04692	1.61373	7.0004	1.28178	4.00942	7.32017	7.2948	2.86853	3.04591	1.50631
579125.014141276.4	579125	4141276	5.92121	1.69085	1.34214	5.62443	1.1188	3.24785	6.39797	6.69862	2.4355	2.59387	1.59008
579145.014141276.4	579145	4141276	4.76004	1.41342	1.13362	4.48442	0.98698	2.63114	5.39103	5.86783	2.08088	2.22215	1.68633
579165.014141276.4	579165	4141276	3.86223	1.19494	0.97293	3.58203	0.87638	2.14363	4.4528	4.96137	1.78402	1.91504	1.79184
579185.014141276.4	579185	4141276	3.16888	1.02277	0.84961	2.88396	0.7821	1.7642	3.66641	4.11777	1.53304	1.65847	1.90918
579205.014141276.4	579205	4141276	2.63271	0.88645	0.75414	2.3446	0.70082	1.46897	3.03734	3.40358	1.31869	1.43901	2.04051
579225.014141276.4	579225	4141276	2.21883	0.77788	0.67862	1.9251	0.6303	1.23788	2.53399	2.82494	1.13515	1.2478	2.18727
579245.014141276.4	579245	4141276	1.89918	0.69041	0.61684	1.59527	0.56881	1.05498	2.11988	2.35582	0.97834	1.07966	2.34743
579265.014141276.4	579265	4141276	1.65487	0.62	0.56528	1.33779	0.51586	0.91083	1.77692	1.97438	0.84741	0.93453	2.52683
578385.014141296.4	578385	4141296	0.08203	0.05172	0.05157	0.03159	0.06389	0.04235	0.02554	0.02501	0.03798	0.03795	0.05517
578405.014141296.4	578405	4141296	0.0906	0.05866	0.05808	0.03427	0.07375	0.04728	0.02699	0.02659	0.04281	0.04281	0.06045
578425.014141296.4	578425	4141296	0.09914	0.06574	0.06494	0.03689	0.08408	0.05218	0.02832	0.02797	0.04775	0.04766	0.06145
578445.014141296.4	578445	4141296	0.11032	0.07508	0.07418	0.04022	0.09755	0.05863	0.03017	0.02991	0.05391	0.05358	0.06495
578465.014141296.4	578465	4141296	0.12401	0.08674	0.08588	0.04416	0.11441	0.06661	0.03248	0.03235	0.06118	0.06047	0.06936
578485.014141296.4	578485	4141296	0.14052	0.10112	0.10042	0.04871	0.13552	0.07631	0.03532	0.03525	0.06963	0.06841	0.07378
578505.014141296.4	578505	4141296	0.16053	0.11916	0.11859	0.05396	0.16255	0.08828	0.03879	0.03872	0.07948	0.07764	0.07822
578525.014141296.4	578525	4141296	0.18546	0.14261	0.14194	0.06016	0.19852	0.10358	0.04312	0.04297	0.09124	0.08872	0.08346
578545.014141296.4	578545	4141296	0.21664	0.1734	0.17226	0.06748	0.24692	0.12329	0.04843	0.04807	0.10538	0.10212	0.08912
578565.014141296.4	578565	4141296	0.25645	0.21457	0.21264	0.07631	0.31302	0.14919	0.05492	0.0542	0.12275	0.11869	0.0955
578585.014141296.4	578585	4141296	0.30849	0.27029	0.26785	0.08722	0.40368	0.18372	0.06284	0.06159	0.14464	0.13962	0.10282
578605.014141296.4	578605	4141296	0.37773	0.34577	0.34449	0.10099	0.52715	0.22997	0.07244	0.07051	0.17274	0.16641	0.11137
578625.014141296.4	578625	4141296	0.4703	0.4473	0.45078	0.11856	0.6935	0.29167	0.084	0.08125	0.20906	0.20062	0.12129
578645.014141296.4	578645	4141296	0.59291	0.58266	0.59616	0.141	0.91642	0.37342	0.09776	0.09417	0.25555	0.24358	0.13262
578665.014141296.4	578665	4141296	0.75224	0.76216	0.79211	0.1694	1.21595	0.48118	0.11405	0.10967	0.31396	0.29612	0.14546
578685.014141296.4	578685	4141296	0.96448	1.01066	1.06639	0.20657	1.63986	0.62944	0.1344	0.12929	0.38883	0.36139	0.16155
578705.014141296.4	578705	4141296	1.24525	1.35768	1.45386	0.25431	2.24568	0.83471	0.16014	0.15433	0.48291	0.44133	0.18124
578725.014141296.4	578725	4141296	1.61953	1.8433	2.00839	0.31475	3.1047	1.11924	0.19332	0.18661	0.59972	0.53912	0.20498
578745.014141296.4	578745	4141296	2.12904	2.51278	2.80576	0.39113	4.27611	1.50841	0.23703	0.22867	0.74483	0.65993	0.23372
579005.014141296.4	579005	4141296	18.59458	5.39819	4.74258	9.83801	2.94971	7.75305	6.45606	5.4634	6.25974	5.82006	1.32726
579025.014141296.4	579025	4141296	17.09521	4.5631	3.72874	11.36143	2.45206	7.61681	7.84074	6.64979	5.62392	5.50191	1.37319
579045.014141296.4	579045	4141296	14.74921	3.77238	2.9436	11.78932	2.04737	7.10217	8.85122	7.67782	4.87649	4.9696	1.42504
579065.014141296.4	579065	4141296	12.042	3.06314	2.34234	10.91106	1.72368	6.20392	9.21359	8.33419	4.12681	4.32475	1.48316
579085.014141296.4	579085	4141296	9.52709	2.4781	1.89219	9.23599	1.4728	5.1421	8.88831	8.50149	3.4647	3.68545	1.55596
579105.014141296.4	579105	4141296	7.45907	2.01615	1.55283	7.40763	1.27603	4.13298	8.00629	8.12891	2.91167	3.11626	1.6437
579125.014141296.4	579125	4141296	5.85086	1.65614	1.29445	5.79519	1.11594	3.2826	6.82158	7.30178	2.45373	2.63486	1.74126
579145.014141296.4	579145	4141296	4.63414	1.37779	1.09857	4.512	0.98238	2.61279	5.60681	6.23255	2.07489	2.23858	1.84759
579165.014141296.4	579165	4141296	3.73567	1.16612	0.95261	3.55397	0.87114	2.11018	4.56304	5.16723	1.76564	1.9193	1.9734
579185.014141296.4	579185	4141296	3.0512	0.99951	0.83962	2.82437	0.77475	1.72392	3.71028	4.21397	1.5025	1.64753	2.10907
579205.014141296.4	579205	4141296	2.5368	0.86918	0.75114	2.2759	0.69204	1.43035	3.04128	3.43794	1.28126	1.41549	2.26338
579225.014141296.4	579225	4141296	2.14932	0.76602	0.6794	1.85874	0.62089	1.20447	2.5076	2.82131	1.09567	1.21517	2.43808
579245.014141296.4	579245	4141296	1.85374	0.68255	0.61864	1.53574	0.55926	1.02715	2.06817	2.32263	0.94038	1.04163	2.62813
579265.014141296.4	579265	4141296	1.63068	0.61549	0.56698	1.28973	0.50717	0.8897	1.71251	1.92357	0.81495	0.89668	2.85013
579285.014141296.4	579285	4141296	1.45509	0.55938	0.52117	1.09772	0.46231	0.77984	1.42092	1.59473	0.71305	0.77564	3.09021
578385.014141316.4	578385	4141316	0.08379	0.05196	0.05272	0.03218	0.06302	0.04286	0.02704	0.02627	0.03703	0.03668	0.05631
578405.014141316.4	578405	4141316	0.09114	0.0579	0.05811	0.03451	0.07171	0.04707	0.02822	0.0275	0.0412	0.041	0.05918
578425.014141316.4	578425	4141316	0.10107	0.06604	0.06569	0.03758	0.08346	0.05281	0.02985	0.02925	0.04664	0.04653	0.06491
578445.014141316.4	578445	4141316	0.11109	0.07453	0.07371	0.0406	0.09596	0.05865	0.03132	0.03084	0.05228	0.05211	0.06714
578465.014141316.4	578465	4141316	0.12374	0.08534	0.08427	0.04432	0.11194	0.06604	0.03325	0.03285	0.05917	0.05878	0.07012
578485.014141316.4	578485	4141316	0.13973	0.09935	0.09812	0.04885	0.13266	0.07551	0.03574	0.03549	0.06756	0.06677	0.07492
578505.014141316.4	578505	4141316	0.15949	0.11712	0.11583	0.05418	0.15942	0.08737	0.03884	0.03869	0.07755	0.07617	0.08032
578525.014141316.4	578525	4141316	0.18378	0.1399	0.13841	0.06039	0.1945	0.10226	0.04266	0.04256	0.08934	0.08725	0.08565
578545.014141316.4	578545	4141316	0.21405	0.16979	0.1677	0.06766	0.24175	0.12141	0.04738	0.04725	0.10345	0.10054	0.09139
578565.014141316.4	578565	4141316	0.25294	0.21035	0.20709	0.07643	0.30755	0.1469	0.05331	0.053	0.1208	0.11698	0.09801
578585.014141316.4	578585	4141316	0.30357	0.26589	0.26112	0.08711	0.39952	0.18119	0.06066	0.06001	0.14248	0.13763	0.10552

578605.014141316.4	578605	4141316	0.37149	0.34302	0.33755	0.10056	0.52876	0.22812	0.06982	0.06861	0.17037	0.16423	0.11444
578625.014141316.4	578625	4141316	0.4629	0.4489	0.44564	0.11759	0.70711	0.29181	0.08101	0.07902	0.20637	0.19836	0.12465
578645.014141316.4	578645	4141316	0.5878	0.59513	0.59957	0.13973	0.95489	0.37906	0.09474	0.09181	0.25356	0.24243	0.13676
578665.014141316.4	578665	4141316	0.75464	0.79449	0.81389	0.16809	1.29725	0.49713	0.1112	0.10725	0.314	0.29752	0.15061
578685.014141316.4	578685	4141316	0.97874	1.07286	1.11723	0.20509	1.78605	0.66077	0.13138	0.12644	0.39166	0.36608	0.16728
578705.014141316.4	578705	4141316	1.28239	1.47196	1.55839	0.25364	2.50463	0.89334	0.15689	0.151	0.49144	0.45137	0.18807
578725.014141316.4	578725	4141316	1.69705	2.04689	2.21174	0.31656	3.55463	1.22513	0.18978	0.18296	0.61829	0.55736	0.21384
579025.014141316.4	579025	4141316	19.05813	4.73726	3.66403	13.81034	2.42312	8.65617	9.23373	7.75479	5.99429	5.96753	1.48999
579045.014141316.4	579045	4141316	15.93677	3.84413	2.85499	13.97688	2.02537	7.93998	10.34008	8.93347	5.09934	5.28422	1.54632
579065.014141316.4	579065	4141316	12.6043	3.07226	2.25781	12.41458	1.71337	6.74587	10.59637	9.63892	4.25656	4.52084	1.61567
579085.014141316.4	579085	4141316	9.69265	2.4542	1.81949	10.05278	1.46959	5.41419	9.97835	9.69706	3.53594	3.80001	1.70249
579105.014141316.4	579105	4141316	7.41648	1.97899	1.49574	7.76181	1.27417	4.22912	8.73025	9.07272	2.94255	3.17918	1.80468
579125.014141316.4	579125	4141316	5.7168	1.6171	1.25455	5.89165	1.11182	3.28485	7.22517	7.93397	2.4543	2.66446	1.91642
579145.014141316.4	579145	4141316	4.48109	1.34397	1.07531	4.49027	0.97555	2.57707	5.8023	6.59582	2.05524	2.2469	2.04059
579165.014141316.4	579165	4141316	3.59236	1.13856	0.94141	3.48177	0.86138	2.06188	4.64129	5.34262	1.73074	1.90865	2.18667
579185.014141316.4	579185	4141316	2.9387	0.97971	0.83669	2.7434	0.7637	1.67906	3.72961	4.28595	1.46056	1.62294	2.35022
579205.014141316.4	579205	4141316	2.45477	0.85497	0.75149	2.19587	0.67994	1.39047	3.01342	3.4429	1.23576	1.37823	2.53172
579225.014141316.4	579225	4141316	2.09739	0.75661	0.68051	1.78893	0.60902	1.17196	2.44787	2.78631	1.05255	1.1717	2.74177
579245.014141316.4	579245	4141316	1.82985	0.67782	0.61996	1.48349	0.54933	1.00443	1.99694	2.27007	0.90554	1.00018	2.98826
579265.014141316.4	579265	4141316	1.6225	0.6128	0.56686	1.25037	0.4987	0.87315	1.63636	1.85656	0.78813	0.85941	3.26843
579285.014141316.4	579285	4141316	1.45464	0.55734	0.51924	1.06957	0.45516	0.76792	1.35099	1.52424	0.6942	0.74513	3.57281
578385.014141336.4	578385	4141336	0.08642	0.05292	0.05492	0.03295	0.06291	0.04384	0.02881	0.02778	0.03661	0.03573	0.05763
578405.014141336.4	578405	4141336	0.09342	0.05847	0.05991	0.03518	0.07104	0.0478	0.03001	0.029	0.04036	0.03971	0.06034
578425.014141336.4	578425	4141336	0.10191	0.06539	0.06615	0.03782	0.08123	0.05268	0.03137	0.0304	0.04496	0.04453	0.06361
578445.014141336.4	578445	4141336	0.11271	0.07443	0.07444	0.0411	0.09451	0.05899	0.03305	0.0322	0.05077	0.05051	0.0689
578465.014141336.4	578465	4141336	0.12616	0.08589	0.08529	0.0451	0.11158	0.06687	0.03511	0.03436	0.05794	0.05762	0.07388
578485.014141336.4	578485	4141336	0.14012	0.09828	0.09705	0.04912	0.13025	0.07523	0.03702	0.03643	0.06546	0.06498	0.07657
578505.014141336.4	578505	4141336	0.15885	0.11518	0.11349	0.0543	0.15591	0.08651	0.03969	0.03925	0.07512	0.07422	0.08138
578525.014141336.4	578525	4141336	0.18262	0.13738	0.13521	0.06056	0.19023	0.1011	0.04309	0.04279	0.08692	0.08536	0.08744
578545.014141336.4	578545	4141336	0.21262	0.16681	0.16385	0.06801	0.23693	0.12005	0.04734	0.04715	0.10123	0.09882	0.09385
578565.014141336.4	578565	4141336	0.25013	0.20599	0.20148	0.07669	0.30097	0.14471	0.05254	0.05239	0.1184	0.115	0.10051
578585.014141336.4	578585	4141336	0.29935	0.26069	0.25373	0.08728	0.39285	0.17845	0.05915	0.0589	0.13991	0.13539	0.1083
578605.014141336.4	578605	4141336	0.36553	0.33832	0.3286	0.10051	0.52584	0.22547	0.06759	0.06702	0.16753	0.16167	0.11753
578625.014141336.4	578625	4141336	0.45592	0.44841	0.43765	0.11728	0.71661	0.2912	0.07821	0.07706	0.20347	0.19584	0.12836
578645.014141336.4	578645	4141336	0.5789	0.60209	0.595	0.13854	0.98511	0.38189	0.09122	0.08923	0.25	0.23972	0.14054
578665.014141336.4	578665	4141336	0.75281	0.8242	0.8289	0.16707	1.3787	0.51184	0.10773	0.10465	0.31256	0.29748	0.15582
578685.014141336.4	578685	4141336	0.98847	1.13817	1.16525	0.20387	1.94796	0.6939	0.1277	0.12341	0.39291	0.36948	0.17336
578705.014141336.4	578705	4141336	1.31758	1.60316	1.67232	0.25324	2.81418	0.96104	0.15312	0.14758	0.49867	0.46087	0.19561
579025.014141336.4	579025	4141336	21.35402	4.91984	3.56883	17.19573	2.41127	10.01567	11.01586	9.15299	6.37234	6.46989	1.62388
579045.014141336.4	579045	4141336	17.18614	3.90828	2.75064	16.77039	2.0198	8.97672	12.20268	10.51379	5.31678	5.6067	1.68762
579065.014141336.4	579065	4141336	13.08923	3.0684	2.16753	14.10127	1.71309	7.33736	12.2485	11.24777	4.37506	4.71079	1.77123
579085.014141336.4	579085	4141336	9.74332	2.41818	1.74929	10.81971	1.46857	5.65379	11.19078	11.10985	3.58894	3.90163	1.87363
579105.014141336.4	579105	4141336	7.27336	1.93354	1.44725	7.99963	1.26868	4.27387	9.46129	10.11765	2.94965	3.22543	1.99136
579125.014141336.4	579125	4141336	5.5322	1.57711	1.22746	5.90132	1.10279	3.25428	7.60033	8.59129	2.43501	2.68101	2.12464
579145.014141336.4	579145	4141336	4.31738	1.31383	1.06437	4.42369	0.96423	2.52842	5.9766	6.95341	2.02085	2.24386	2.27726
579165.014141336.4	579165	4141336	3.45463	1.11458	0.93777	3.38208	0.84691	2.00738	4.68677	5.48641	1.68228	1.88193	2.44654
579185.014141336.4	579185	4141336	2.84238	0.96299	0.83661	2.64886	0.74871	1.63243	3.70851	4.31932	1.40905	1.58173	2.64411
579205.014141336.4	579205	4141336	2.39448	0.84351	0.75142	2.1133	0.66535	1.35209	2.94496	3.4096	1.18668	1.32842	2.8626
579225.014141336.4	579225	4141336	2.07072	0.75065	0.6804	1.72854	0.59713	1.14553	2.36423	2.72821	1.01373	1.1245	3.13903
579245.014141336.4	579245	4141336	1.81976	0.67379	0.61784	1.43728	0.53919	0.98448	1.90484	2.18986	0.87583	0.95757	3.44903
579265.014141336.4	579265	4141336	1.61979	0.60927	0.56268	1.21683	0.49021	0.85823	1.55205	1.77087	0.76756	0.82489	3.80309
579285.014141336.4	579285	4141336	1.45475	0.554	0.51373	1.04824	0.44848	0.75773	1.28722	1.45009	0.68248	0.72105	4.20552
578385.014141356.4	578385	4141356	0.08982	0.05466	0.05801	0.03397	0.06383	0.04532	0.03072	0.02946	0.03685	0.03535	0.05947
578405.014141356.4	578405	4141356	0.09687	0.06007	0.06299	0.03617	0.07156	0.04923	0.03208	0.03079	0.04027	0.03903	0.06268
578425.014141356.4	578425	4141356	0.10526	0.06674	0.06907	0.03875	0.0813	0.05398	0.03357	0.03227	0.04449	0.04355	0.06638
578445.014141356.4	578445	4141356	0.11509	0.07486	0.07641	0.04173	0.09336	0.05965	0.03516	0.0339	0.04959	0.04888	0.06977
578465.014141356.4	578465	4141356	0.12712	0.08511	0.08576	0.04531	0.10877	0.06673	0.03699	0.0358	0.05588	0.05537	0.07396
578485.014141356.4	578485	4141356	0.1431	0.09903	0.09879	0.04994	0.12983	0.07621	0.03938	0.03827	0.06412	0.0636	0.07984
578505.014141356.4	578505	4141356	0.16106	0.11534	0.11411	0.05497	0.15484	0.08711	0.04181	0.04086	0.07339	0.07271	0.08463
578525.014141356.4	578525	4141356	0.18257	0.13563	0.13336	0.06076	0.18647	0.10045	0.04458	0.04383	0.08429	0.08322	0.0893
578545.014141356.4	578545	4141356	0.21155	0.16397	0.1605	0.06817	0.23158	0.11878	0.04835	0.0478	0.09837	0.09657	0.09592
578565.014141356.4	578565	4141356	0.24885	0.20265	0.19725	0.0771	0.29504	0.14325	0.05308	0.05271	0.11576	0.11297	0.10344
578585.014141356.4	578585	4141356	0.29637	0.25572	0.247	0.08763	0.38509	0.17604	0.05888	0.05864	0.13699	0.133	0.11137
578605.014141356.4	578605	4141356	0.36083	0.33291	0.31937	0.1008	0.51982	0.22275	0.06644	0.06618	0.16438	0.15896	0.12099
578625.014141356.4	578625	4141356	0.44857	0.44466	0.42604	0.11721	0.71885	0.2891	0.07604	0.07555	0.19975	0.1926	0.13204
578645.014141356.4	578645	4141356	0.57067	0.60718	0.58658	0.13817	1.01221	0.38422	0.08823	0.0872	0.24624	0.23669	0.14494
578665.014141356.4	578665	4141356	0.74524	0.84775	0.83255	0.16598	1.4532	0.52344	0.10387	0.10194	0.30886	0.29524	0.16074
578685.014141356.4	578685	4141356	0.99424	1.20723	1.20889	0.20316	2.12862	0.72937	0.12367	0.12052	0.39267	0.37154	0.17998
579025.014141356.4	579025	4141356	24.06713	5.115	3.44703	22.09395	2.41924	11.89568	13.33958	10.95776	6.75653	7.00972	1.77975
579045.014141356.4	579045	4141356	18.45996	3.96215	2.63662	20.35593	2.02505	10.27703	14.55472	12.53406	5.52456	5.93279	1.85436
579065.014141356.4	579065	4141356	13.41246	3.0441	2.07737	15.8676	1.7121	7.93278	14.19886	13.22956	4.46703	4.88173	1.95221
579085.014141356.4	579085	4141356	9.6325	2.36733	1.68874	11.41722	1.46065	5.81654	12.50359	12.76717	3.60979	3.97939	2.07251
579105.014141356.4	579105	4141356	7.03896	1.88302	1.41331	8.08183	1.25499	4.25875	10.17658	11.26851	2.92847	3.2516	2.21235

579125.014141356.4	579125	4141356	5.30834	1.53645	1.21234	5.81384	1.08555	3.18989	7.91935	9.24736	2.39061	2.67614	2.37364
579145.014141356.4	579145	4141356	4.13911	1.28292	1.05871	4.29456	0.94477	2.45865	6.07433	7.24498	1.96269	2.21314	2.55669
579165.014141356.4	579165	4141356	3.33204	1.09271	0.93551	3.26054	0.82734	1.94777	4.66999	5.56805	1.62074	1.83293	2.76233
579185.014141356.4	579185	4141356	2.7689	0.94833	0.8343	2.54774	0.73069	1.58537	3.6287	4.29484	1.35227	1.52362	3.00703
579205.014141356.4	579205	4141356	2.36088	0.83503	0.74849	2.039	0.65066	1.31893	2.8407	3.34076	1.142	1.2728	3.29529
579225.014141356.4	579225	4141356	2.05423	0.74382	0.67481	1.66941	0.58444	1.11891	2.24563	2.62418	0.97919	1.07371	3.63938
579245.014141356.4	579245	4141356	1.8123	0.66797	0.61051	1.39528	0.52896	0.96485	1.80052	2.08244	0.8529	0.91788	4.04115
579265.014141356.4	579265	4141356	1.61475	0.60381	0.55414	1.18994	0.48209	0.84452	1.47585	1.68004	0.75499	0.79817	4.51419
579285.014141356.4	579285	4141356	1.44748	0.54798	0.50451	1.03149	0.44194	0.7475	1.23922	1.38282	0.67711	0.70545	5.05425
579305.014141356.4	579305	4141356	1.30376	0.49932	0.46055	0.90737	0.40703	0.66831	1.06745	1.16718	0.61433	0.6336	5.6972
578385.014141376.4	578385	4141376	0.09356	0.0569	0.06147	0.03517	0.06569	0.04714	0.03253	0.03111	0.03781	0.0356	0.06121
578405.014141376.4	578405	4141376	0.10085	0.06227	0.06675	0.03739	0.07311	0.05105	0.03413	0.03261	0.04094	0.03892	0.06476
578425.014141376.4	578425	4141376	0.10921	0.06868	0.07285	0.03991	0.08225	0.05565	0.03582	0.03422	0.04472	0.04295	0.06822
578445.014141376.4	578445	4141376	0.11916	0.07665	0.08026	0.04287	0.0939	0.06127	0.03765	0.036	0.04943	0.04794	0.07212
578465.014141376.4	578465	4141376	0.1308	0.0864	0.08916	0.04627	0.10846	0.06802	0.0396	0.03793	0.05514	0.05396	0.07612
578485.014141376.4	578485	4141376	0.14471	0.09853	0.10016	0.05026	0.12692	0.07628	0.04171	0.04007	0.06212	0.0612	0.08033
578505.014141376.4	578505	4141376	0.16268	0.11473	0.11503	0.0553	0.15187	0.08716	0.04429	0.04273	0.07111	0.0703	0.08593
578525.014141376.4	578525	4141376	0.18591	0.13641	0.13526	0.06162	0.18579	0.1015	0.04745	0.04601	0.0826	0.08163	0.09267
578545.014141376.4	578545	4141376	0.21184	0.1621	0.15905	0.06836	0.22694	0.11813	0.05056	0.04934	0.09537	0.09405	0.09807
578565.014141376.4	578565	4141376	0.24806	0.19958	0.19404	0.07729	0.28854	0.14195	0.05489	0.05392	0.11248	0.11035	0.10602
578585.014141376.4	578585	4141376	0.29508	0.25193	0.24234	0.08808	0.3778	0.17445	0.06023	0.05951	0.13382	0.13054	0.11484
578605.014141376.4	578605	4141376	0.35753	0.32764	0.31136	0.10123	0.51177	0.22031	0.06692	0.06644	0.16084	0.15609	0.12481
578625.014141376.4	578625	4141376	0.44282	0.44011	0.41439	0.11754	0.71699	0.28694	0.07547	0.07511	0.19575	0.18923	0.13629
578645.014141376.4	578645	4141376	0.56286	0.60979	0.57438	0.13829	1.03349	0.38565	0.08651	0.08606	0.24193	0.23314	0.14985
578665.014141376.4	578665	4141376	0.73734	0.87044	0.83014	0.1657	1.52928	0.53515	0.10097	0.10007	0.3046	0.29228	0.16644
578685.014141376.4	578685	4141376	0.99385	1.27728	1.24223	0.20259	2.32419	0.76574	0.11975	0.11796	0.3901	0.37135	0.18687
579005.014141376.4	579005	4141376	34.12261	6.86371	4.48021	26.50327	2.94616	15.09333	13.56742	10.82717	8.70775	8.76505	1.89945
579025.014141376.4	579025	4141376	27.13486	5.29608	3.2886	29.44452	2.42862	14.59061	16.34675	13.25921	7.11129	7.55631	1.95522
579045.014141376.4	579045	4141376	19.54002	3.97724	2.51203	24.73448	2.02096	11.80953	17.47383	15.07237	5.68249	6.22523	2.04268
579065.014141376.4	579065	4141376	13.47407	2.99337	1.99793	17.46854	1.69921	8.44031	16.47509	15.68057	4.51371	5.01812	2.1624
579085.014141376.4	579085	4141376	9.36203	2.3055	1.64593	11.74295	1.44098	5.87402	13.89913	14.72826	3.59286	4.02944	2.3092
579105.014141376.4	579105	4141376	6.72684	1.82761	1.39236	7.98635	1.22987	4.18013	10.82353	12.50239	2.872	3.24692	2.47548
579125.014141376.4	579125	4141376	5.05892	1.49333	1.20202	5.63133	1.05839	3.09304	8.12226	9.83893	2.31622	2.63642	2.66896
579145.014141376.4	579145	4141376	3.97246	1.25248	1.05206	4.12774	0.91878	2.37739	6.06947	7.43781	1.88647	2.1521	2.89456
579165.014141376.4	579165	4141376	3.2387	1.07334	0.92945	3.13274	0.80501	1.88804	4.57841	5.57405	1.55442	1.76435	3.16027
579185.014141376.4	579185	4141376	2.72065	0.93522	0.82649	2.44812	0.7119	1.53975	3.48875	4.20593	1.29866	1.45532	3.47438
579205.014141376.4	579205	4141376	2.33693	0.82512	0.73873	1.96394	0.63538	1.28425	2.69076	3.21058	1.10295	1.21344	3.84895
579225.014141376.4	579225	4141376	2.03986	0.73512	0.66355	1.61587	0.57223	1.09295	2.11621	2.48925	0.95397	1.02841	4.30262
579245.014141376.4	579245	4141376	1.79993	0.65967	0.59851	1.36028	0.51935	0.94614	1.70888	1.96999	0.83949	0.88835	4.84826
579265.014141376.4	579265	4141376	1.59884	0.59479	0.54169	1.16673	0.47414	0.82982	1.41999	1.59811	0.74918	0.78142	5.48615
579285.014141376.4	579285	4141376	1.42935	0.53914	0.49236	1.01795	0.43537	0.73664	1.21511	1.33632	0.67704	0.6997	6.26858
579305.014141376.4	579305	4141376	1.28408	0.49075	0.44921	0.89931	0.40149	0.65975	1.06355	1.14792	0.6173	0.63506	7.25502
578385.014141396.4	578385	4141396	0.09749	0.05955	0.06492	0.03659	0.06848	0.04921	0.0341	0.03261	0.03951	0.03656	0.06293
578405.014141396.4	578405	4141396	0.10489	0.06481	0.07047	0.03879	0.07549	0.05308	0.0359	0.03426	0.04231	0.03942	0.06607
578425.014141396.4	578425	4141396	0.11329	0.07102	0.0768	0.04125	0.08402	0.05757	0.0378	0.03602	0.04567	0.04293	0.06935
578445.014141396.4	578445	4141396	0.12331	0.07874	0.0844	0.04414	0.09498	0.06305	0.0399	0.03798	0.04991	0.04739	0.07333
578465.014141396.4	578465	4141396	0.13551	0.08858	0.09382	0.04763	0.10933	0.06992	0.04226	0.0402	0.05532	0.05309	0.0781
578485.014141396.4	578485	4141396	0.14971	0.10061	0.105	0.0516	0.12738	0.07817	0.04473	0.04258	0.06187	0.05999	0.08291
578505.014141396.4	578505	4141396	0.16644	0.11555	0.1186	0.0562	0.15036	0.08822	0.04733	0.04514	0.06983	0.0683	0.0878
578525.014141396.4	578525	4141396	0.18891	0.1364	0.13771	0.06226	0.18303	0.10204	0.05061	0.04842	0.08055	0.0792	0.09469
578545.014141396.4	578545	4141396	0.21452	0.16175	0.16066	0.06893	0.22376	0.11849	0.05386	0.05178	0.09291	0.09158	0.10072
578565.014141396.4	578565	4141396	0.24861	0.19724	0.19298	0.07746	0.28223	0.1411	0.05791	0.05602	0.10902	0.10732	0.10844
578585.014141396.4	578585	4141396	0.2936	0.24747	0.23841	0.08806	0.36799	0.17241	0.06288	0.06124	0.12964	0.1271	0.11756
578605.014141396.4	578605	4141396	0.3541	0.32134	0.30412	0.10125	0.49961	0.2173	0.06904	0.06774	0.15619	0.15235	0.1282
578625.014141396.4	578625	4141396	0.43752	0.43414	0.40335	0.11776	0.70916	0.28416	0.07685	0.07591	0.19088	0.18527	0.14065
578645.014141396.4	578645	4141396	0.55551	0.61026	0.56048	0.13865	1.04777	0.38629	0.08686	0.08622	0.23687	0.229	0.15524
578665.014141396.4	578665	4141396	0.72736	0.89	0.81984	0.16566	1.60088	0.54565	0.09984	0.09932	0.29899	0.28798	0.1726
579005.014141396.4	579005	4141396	41.34368	7.35067	4.25822	38.84734	2.96677	19.67498	16.98474	13.2623	9.34901	9.69346	2.0907
579025.014141396.4	579025	4141396	30.51311	5.45493	3.11466	41.3275	2.42346	18.82499	20.32959	16.26302	7.41775	8.09381	2.15672
579045.014141396.4	579045	4141396	20.28229	3.95289	2.40188	29.67574	1.99904	13.49897	21.16473	18.36318	5.78114	6.47605	2.26314
579065.014141396.4	579065	4141396	13.18739	2.91177	1.93753	18.52052	1.66705	8.72362	19.08758	18.73805	4.49612	5.10147	2.40785
579085.014141396.4	579085	4141396	8.90878	2.22677	1.61534	11.6886	1.40437	5.78988	15.27251	16.99495	3.51982	4.0276	2.58661
579105.014141396.4	579105	4141396	6.379	1.76901	1.37617	7.75634	1.19405	4.05606	11.33921	13.78293	2.78202	3.20301	2.7956
579125.014141396.4	579125	4141396	4.84096	1.45403	1.19056	5.42481	1.02628	2.99207	8.22062	10.36872	2.22841	2.56876	3.04484
579145.014141396.4	579145	4141396	3.84794	1.2262	1.04001	3.95956	0.89097	2.29841	5.97544	7.54239	1.80859	2.07069	3.33419
579165.014141396.4	579165	4141396	3.17008	1.05435	0.91504	2.99687	0.78147	1.82499	4.3949	5.47643	1.49111	1.68151	3.67315
579185.014141396.4	579185	4141396	2.68169	0.92024	0.81038	2.34502	0.69282	1.49107	3.29038	4.03519	1.25321	1.38414	4.08432
579205.014141396.4	579205	4141396	2.31074	0.81231	0.72214	1.89219	0.62051	1.24859	2.52744	3.03777	1.07508	1.16154	4.59405
579225.014141396.4	579225	4141396	2.0147	0.72267	0.64669	1.56749	0.56028	1.06633	2.00397	2.34632	0.9393	0.99551	5.21761
579245.014141396.4	579245	4141396	1.77201	0.6471	0.58191	1.32852	0.50943	0.92577	1.64616	1.87204	0.83379	0.87142	5.98731
579265.014141396.4	579265	4141396	1.56924	0.58262	0.526	1.14656	0.46577	0.81417	1.39549	1.54541	0.74925	0.77663	6.93558
579285.014141396.4	579285	4141396	1.39876	0.52742	0.47779	1.00385	0.42796	0.72364	1.21235	1.31574	0.67967	0.70215	8.14765
579305.014141396.4	579305	4141396	1.25328	0.47951	0.43572	0.88753	0.39458	0.64796	1.06958	1.1454	0.6202	0.64068	9.77189

578385.014141416.4	578385	4141416	0.10104	0.06215	0.0677	0.03806	0.0717	0.05126	0.0352	0.03375	0.04165	0.03812	0.06401
578405.014141416.4	578405	4141416	0.10884	0.0676	0.07379	0.04035	0.07871	0.05529	0.03724	0.03561	0.04437	0.04071	0.06722
578425.014141416.4	578425	4141416	0.11785	0.07408	0.08084	0.04295	0.0873	0.06	0.03947	0.03765	0.04763	0.04392	0.07092
578445.014141416.4	578445	4141416	0.12834	0.08189	0.0891	0.04592	0.09797	0.06559	0.04191	0.03987	0.0516	0.04794	0.07512
578465.014141416.4	578465	4141416	0.14058	0.09138	0.09879	0.04932	0.11138	0.07227	0.04454	0.04229	0.05647	0.05296	0.07972
578485.014141416.4	578485	4141416	0.15523	0.10328	0.11052	0.0533	0.12877	0.08049	0.04744	0.04497	0.06256	0.05932	0.08494
578505.014141416.4	578505	4141416	0.1722	0.11788	0.12436	0.05782	0.15082	0.09038	0.05047	0.04781	0.06992	0.06706	0.09023
578525.014141416.4	578525	4141416	0.19332	0.13712	0.14214	0.06336	0.18074	0.10317	0.05389	0.05107	0.07938	0.07693	0.0965
578545.014141416.4	578545	4141416	0.21962	0.16261	0.16525	0.07009	0.22152	0.11977	0.0577	0.05478	0.09139	0.08927	0.10362
578565.014141416.4	578565	4141416	0.25204	0.19635	0.19539	0.07814	0.2772	0.1413	0.06186	0.05894	0.10631	0.10433	0.11121
578585.014141416.4	578585	4141416	0.29514	0.24459	0.2382	0.0884	0.35959	0.17145	0.06685	0.06403	0.12588	0.12361	0.12059
578605.014141416.4	578605	4141416	0.3528	0.3156	0.29998	0.10128	0.48637	0.21473	0.07282	0.07022	0.15131	0.14821	0.13161
578625.014141416.4	578625	4141416	0.4326	0.426	0.3937	0.11763	0.69382	0.28028	0.08017	0.07793	0.18492	0.18037	0.14471
578645.014141416.4	578645	4141416	0.5461	0.60465	0.54381	0.1384	1.04607	0.38371	0.08936	0.0876	0.22983	0.2232	0.16017
578665.014141416.4	578665	4141416	0.71495	0.90508	0.80282	0.16555	1.66296	0.5541	0.10129	0.10003	0.2916	0.28207	0.17901
579025.014141416.4	579025	4141416	34.02261	5.58025	2.95936	60.81527	2.39235	25.59933	25.76641	20.31372	7.65568	8.60484	2.39583
579045.014141416.4	579045	4141416	20.51998	3.88593	2.32206	34.40486	1.95555	15.06064	25.91199	22.79142	5.81079	6.67659	2.53115
579065.014141416.4	579065	4141416	12.62333	2.81052	1.89618	18.8642	1.61871	8.7446	22.08847	22.71537	4.42457	5.13787	2.71186
579085.014141416.4	579085	4141416	8.41298	2.14688	1.59013	11.43767	1.35823	5.64477	16.62473	19.72911	3.4173	3.99058	2.94132
579105.014141416.4	579105	4141416	6.059	1.71296	1.35434	7.47016	1.15231	3.91582	11.70131	15.1048	2.67584	3.12351	3.20899
579125.014141416.4	579125	4141416	4.65576	1.41552	1.1677	5.17598	0.99023	2.8751	8.14382	10.74698	2.13357	2.46804	3.52886
579145.014141416.4	579145	4141416	3.74282	1.19809	1.01539	3.75834	0.86086	2.20469	5.73057	7.46993	1.73272	1.96863	3.90183
579165.014141416.4	579165	4141416	3.10543	1.03198	0.88989	2.84678	0.75731	1.75351	4.12778	5.25473	1.43806	1.59583	4.3522
579185.014141416.4	579185	4141416	2.63141	0.9003	0.78548	2.23876	0.67353	1.43744	3.07286	3.79897	1.22062	1.32256	4.91135
579205.014141416.4	579205	4141416	2.26209	0.79306	0.69784	1.81919	0.60464	1.20794	2.38379	2.84615	1.05768	1.12362	5.61809
579225.014141416.4	579225	4141416	1.96665	0.70448	0.62401	1.52	0.5472	1.03612	1.93118	2.22443	0.93285	0.97791	6.53538
579245.014141416.4	579245	4141416	1.72371	0.62973	0.56085	1.29597	0.49805	0.90184	1.61964	1.8092	0.83302	0.86713	7.71257
579265.014141416.4	579265	4141416	1.52305	0.56656	0.50695	1.12285	0.4557	0.79455	1.39382	1.52339	0.75113	0.78016	9.25736
579285.014141416.4	579285	4141416	1.35329	0.51193	0.45999	0.98249	0.4182	0.70529	1.21678	1.31183	0.68081	0.70766	11.2853
579305.014141416.4	579305	4141416	1.21206	0.46554	0.41988	0.86857	0.38555	0.63156	1.07456	1.14975	0.62071	0.64664	14.39858
578385.014141436.4	578385	4141436	0.1044	0.06476	0.06998	0.03956	0.07535	0.05333	0.03585	0.03456	0.04414	0.04031	0.06512
578405.014141436.4	578405	4141436	0.11278	0.07064	0.07668	0.04206	0.08279	0.05767	0.03812	0.03664	0.04698	0.04282	0.06858
578425.014141436.4	578425	4141436	0.12235	0.07748	0.08441	0.04484	0.09163	0.06266	0.04061	0.03891	0.05028	0.04583	0.07246
578445.014141436.4	578445	4141436	0.13361	0.0857	0.09357	0.04801	0.10257	0.06859	0.04339	0.04144	0.05426	0.04958	0.07702
578465.014141436.4	578465	4141436	0.1465	0.09542	0.10414	0.05155	0.11585	0.07547	0.04639	0.04416	0.05894	0.05414	0.08185
578485.014141436.4	578485	4141436	0.16164	0.10727	0.11665	0.05558	0.13261	0.08373	0.04968	0.04715	0.06464	0.05986	0.08718
578505.014141436.4	578505	4141436	0.1789	0.12146	0.13105	0.06004	0.15342	0.09342	0.05313	0.05029	0.07138	0.06681	0.09256
578525.014141436.4	578525	4141436	0.2007	0.14043	0.14959	0.06558	0.18226	0.10612	0.05712	0.05394	0.08026	0.07602	0.09935
578545.014141436.4	578545	4141436	0.22668	0.16471	0.17232	0.072	0.22061	0.12203	0.06139	0.0579	0.09121	0.08743	0.10649
578565.014141436.4	578565	4141436	0.25891	0.19734	0.20183	0.07976	0.27412	0.14293	0.06609	0.06233	0.10513	0.10183	0.1145
578585.014141436.4	578585	4141436	0.30135	0.2441	0.24311	0.0897	0.35379	0.17224	0.0716	0.06764	0.12361	0.12057	0.12442
578605.014141436.4	578605	4141436	0.35686	0.31228	0.30158	0.1021	0.47552	0.2139	0.07787	0.07384	0.1476	0.14443	0.13579
578625.014141436.4	578625	4141436	0.43286	0.41893	0.38975	0.11795	0.67706	0.27736	0.08529	0.08135	0.17953	0.17559	0.14935
578645.014141436.4	578645	4141436	0.54106	0.59739	0.5318	0.13841	1.03565	0.38069	0.09429	0.09064	0.22275	0.21726	0.16566
579025.014141436.4	579025	4141436	37.09557	5.6304	2.83897	88.69138	2.32807	34.52344	33.40487	25.94367	7.78761	9.05129	2.68547
579045.014141436.4	579045	4141436	20.0706	3.7651	2.25943	37.19175	1.89017	15.75711	32.10658	29.01783	5.76307	6.81107	2.86751
579065.014141436.4	579065	4141436	11.84432	2.69305	1.85215	18.48012	1.55718	8.52374	25.49222	28.10537	4.30967	5.12227	3.10469
579085.014141436.4	579085	4141436	7.88741	2.0618	1.54944	10.98402	1.3029	5.42526	17.79802	22.97122	3.28862	3.8993	3.40085
579105.014141436.4	579105	4141436	5.75749	1.65449	1.31359	7.05862	1.10486	3.72474	11.76656	16.31165	2.55962	2.99821	3.74756
579125.014141436.4	579125	4141436	4.48111	1.37278	1.12713	4.84759	0.95092	2.72374	7.82274	10.84685	2.04159	2.34063	4.16518
579145.014141436.4	579145	4141436	3.62968	1.16409	0.97673	3.52221	0.82959	2.09288	5.36049	7.19636	1.67012	1.86444	4.66955
579165.014141436.4	579165	4141436	3.01456	1.00183	0.8535	2.68373	0.73229	1.67145	3.83573	4.93122	1.40054	1.52368	5.29158
579185.014141436.4	579185	4141436	2.54831	0.87239	0.75177	2.1304	0.65315	1.37746	2.89531	3.54821	1.20181	1.2815	6.09429
579205.014141436.4	579205	4141436	2.18376	0.76721	0.66711	1.74797	0.58758	1.16348	2.30184	2.69532	1.05084	1.10659	7.16173
579225.014141436.4	579225	4141436	1.89254	0.68046	0.59606	1.47013	0.53222	1.00108	1.90538	2.15263	0.93171	0.97551	8.61636
579245.014141436.4	579245	4141436	1.65553	0.60781	0.53574	1.25803	0.48456	0.87285	1.619	1.78617	0.8339	0.87207	10.6329
579265.014141436.4	579265	4141436	1.45947	0.54606	0.48394	1.08944	0.44282	0.76826	1.39683	1.51955	0.75084	0.78624	13.40722
579285.014141436.4	579285	4141436	1.29694	0.49358	0.43952	0.95302	0.40627	0.68198	1.2178	1.31442	0.67949	0.71317	12.61008
579305.014141436.4	579305	4141436	1.16024	0.44847	0.40088	0.84032	0.3738	0.60956	1.06927	1.1488	0.61723	0.64934	7.62974
579325.014141436.4	579325	4141436	1.04351	0.409	0.36703	0.74516	0.34477	0.54749	0.94327	1.01011	0.56196	0.59229	9.65799
578385.014141456.4	578385	4141456	0.10777	0.06741	0.07209	0.041	0.07929	0.05537	0.03618	0.0351	0.04673	0.04297	0.06643
578405.014141456.4	578405	4141456	0.1166	0.0737	0.07921	0.0437	0.08726	0.06002	0.03857	0.03732	0.0498	0.04554	0.06995
578425.014141456.4	578425	4141456	0.12669	0.08099	0.08749	0.04669	0.09663	0.06535	0.04123	0.03977	0.05329	0.04852	0.0739
578445.014141456.4	578445	4141456	0.13846	0.08965	0.0973	0.05007	0.10799	0.0716	0.0442	0.0425	0.05736	0.05209	0.0785
578465.014141456.4	578465	4141456	0.15203	0.09983	0.10875	0.05383	0.12164	0.07885	0.04748	0.04549	0.06208	0.05635	0.08351
578485.014141456.4	578485	4141456	0.16808	0.1122	0.12247	0.05814	0.13869	0.08752	0.05115	0.04883	0.06777	0.06167	0.08923
578505.014141456.4	578505	4141456	0.18599	0.1265	0.13795	0.06273	0.15901	0.09737	0.055	0.0523	0.0742	0.06792	0.09479
578525.014141456.4	578525	4141456	0.20931	0.14596	0.15835	0.06857	0.18773	0.11051	0.05965	0.0565	0.08291	0.07657	0.10236
578545.014141456.4	578545	4141456	0.23524	0.16907	0.18148	0.07476	0.22336	0.12577	0.06435	0.06075	0.09284	0.08675	0.10939
578565.014141456.4	578565	4141456	0.26898	0.20144	0.21249	0.08262	0.27545	0.1467	0.06991	0.0658	0.1062	0.10051	0.11841
578585.014141456.4	578585	4141456	0.312	0.24683	0.25389	0.09232	0.35202	0.1753	0.07621	0.07158	0.12361	0.11842	0.12893
578605.014141456.4	578605	4141456	0.36676	0.31212	0.31039	0.10418	0.4682	0.21535	0.08318	0.07808	0.146	0.14128	0.14071
578625.014141456.4	578625	4141456	0.44051	0.41438	0.39415	0.11935	0.6616	0.27635	0.09125	0.08577	0.17594	0.17131	0.15479

578645.014141456.4	578645	4141456	0.54444	0.58951	0.52836	0.13918	1.01748	0.37791	0.10079	0.0951	0.21693	0.21168	0.17199
579045.014141456.4	579045	4141456	18.61182	3.56591	2.17131	34.07634	1.80183	14.43284	40.20486	38.19864	5.62631	6.83691	3.29484
579065.014141456.4	579065	4141456	10.80892	2.5508	1.77538	17.45138	1.48177	8.06006	29.07498	35.57278	4.15136	5.02015	3.61567
579085.014141456.4	579085	4141456	7.30715	1.96406	1.47641	10.1535	1.23778	5.05273	18.4277	26.5644	3.13745	3.73302	3.99746
579105.014141456.4	579105	4141456	5.43147	1.58518	1.24656	6.45455	1.05194	3.45301	11.35631	17.1001	2.44293	2.83224	4.46077
579125.014141456.4	579125	4141456	4.26526	1.31769	1.06667	4.4382	0.90893	2.53316	7.26449	10.54644	1.96307	2.20806	5.03266
579145.014141456.4	579145	4141456	3.46166	1.11691	0.92297	3.25638	0.79648	1.96097	4.94587	6.73097	1.62491	1.77788	5.74966
579165.014141456.4	579165	4141456	2.86968	0.95968	0.80561	2.51344	0.70543	1.57867	3.60437	4.57998	1.37839	1.47792	6.66702
579185.014141456.4	579185	4141456	2.42027	0.83464	0.70933	2.02009	0.63064	1.31034	2.79941	3.35141	1.19337	1.26487	7.92052
579205.014141456.4	579205	4141456	2.07004	0.73332	0.62943	1.67105	0.56788	1.11173	2.27534	2.61	1.0484	1.10612	9.68868
579225.014141456.4	579225	4141456	1.79247	0.65019	0.56265	1.41109	0.51447	0.95868	1.90317	2.12667	0.93076	0.98164	12.31824
579245.014141456.4	579245	4141456	1.56586	0.5801	0.50551	1.20694	0.46776	0.83522	1.61616	1.77896	0.83109	0.87787	10.75559
579265.014141456.4	579265	4141456	1.38085	0.52119	0.45687	1.0444	0.42709	0.73487	1.3884	1.51505	0.74629	0.78987	13.77615
578385.014141476.4	578385	4141476	0.11105	0.06992	0.0742	0.04219	0.08303	0.05723	0.03634	0.03546	0.04904	0.04567	0.06755
578405.014141476.4	578405	4141476	0.12043	0.07671	0.08175	0.04512	0.09174	0.06224	0.03882	0.0378	0.05248	0.04854	0.07128
578425.014141476.4	578425	4141476	0.1311	0.08457	0.09053	0.04836	0.10193	0.06798	0.04157	0.04038	0.05633	0.05173	0.07539
578445.014141476.4	578445	4141476	0.14321	0.09365	0.10072	0.05192	0.11386	0.07453	0.0446	0.04321	0.06061	0.05531	0.07982
578465.014141476.4	578465	4141476	0.1575	0.10455	0.11299	0.05599	0.12844	0.08229	0.04805	0.0464	0.06562	0.05957	0.08504
578485.014141476.4	578485	4141476	0.17457	0.11786	0.12794	0.06068	0.14662	0.09163	0.05199	0.05004	0.07159	0.06477	0.09114
578505.014141476.4	578505	4141476	0.19375	0.13322	0.14507	0.06571	0.1681	0.10225	0.05622	0.0539	0.07826	0.07076	0.09729
578525.014141476.4	578525	4141476	0.21859	0.15376	0.16761	0.072	0.19779	0.11619	0.06135	0.05858	0.08711	0.07896	0.10533
578545.014141476.4	578545	4141476	0.2447	0.17648	0.1919	0.0782	0.23188	0.13129	0.06639	0.06312	0.09636	0.08791	0.11238
578565.014141476.4	578565	4141476	0.27948	0.20851	0.22493	0.08618	0.2821	0.15214	0.07255	0.06867	0.10907	0.10051	0.12182
578585.014141476.4	578585	4141476	0.32333	0.25246	0.26799	0.09577	0.35472	0.18004	0.07956	0.07498	0.1254	0.11704	0.13278
578605.014141476.4	578605	4141476	0.37975	0.316	0.3263	0.10753	0.46609	0.21928	0.08755	0.08219	0.14672	0.13885	0.14559
578625.014141476.4	578625	4141476	0.45425	0.41429	0.40963	0.12226	0.65066	0.2782	0.09669	0.0905	0.175	0.16773	0.16067
578645.014141476.4	578645	4141476	0.55761	0.58393	0.53977	0.14146	0.99615	0.3769	0.1074	0.10039	0.21383	0.20688	0.17912
579065.014141476.4	579065	4141476	9.52882	2.37567	1.64797	15.67511	1.39271	7.30608	32.07501	45.99388	3.9492	4.79428	4.28136
579085.014141476.4	579085	4141476	6.66057	1.8488	1.36914	9.04351	1.16805	4.56674	18.18858	30.21039	2.98903	3.51641	4.81493
579105.014141476.4	579105	4141476	5.01709	1.49488	1.1543	5.73799	0.99676	3.12702	10.49346	17.16497	2.34311	2.66195	5.45973
579125.014141476.4	579125	4141476	3.95096	1.24081	0.98682	3.98692	0.86476	2.31371	6.61685	9.82763	1.90359	2.09881	6.27321
579145.014141476.4	579145	4141476	3.20868	1.05107	0.85436	2.97997	0.76084	1.81353	4.61587	6.18221	1.59499	1.72363	7.3546
579165.014141476.4	579165	4141476	2.66377	0.90397	0.74719	2.34257	0.67622	1.47757	3.48475	4.30397	1.36648	1.46147	8.85916
579185.014141476.4	579185	4141476	2.24456	0.78537	0.65787	1.89925	0.60459	1.23241	2.7609	3.233	1.18636	1.26415	10.98698
579205.014141476.4	579205	4141476	1.921	0.6901	0.5843	1.57785	0.54431	1.04835	2.25862	2.56677	1.04214	1.11052	14.29695
579225.014141476.4	579225	4141476	1.66537	0.61207	0.52284	1.3337	0.49278	0.90471	1.8838	2.10531	0.92299	0.98489	11.55431
578385.014141496.4	578385	4141496	0.11437	0.07233	0.07651	0.04308	0.08642	0.0589	0.03665	0.03585	0.05089	0.04809	0.06851
578405.014141496.4	578405	4141496	0.1243	0.0796	0.08445	0.0462	0.09588	0.06425	0.03917	0.03826	0.05475	0.05139	0.07243
578425.014141496.4	578425	4141496	0.13548	0.08795	0.09362	0.04964	0.10686	0.07033	0.04194	0.0409	0.05899	0.05496	0.07664
578445.014141496.4	578445	4141496	0.1483	0.09771	0.10439	0.05348	0.11984	0.07735	0.04503	0.04384	0.06373	0.05893	0.08128
578465.014141496.4	578465	4141496	0.16331	0.10938	0.11733	0.05784	0.13558	0.08564	0.04855	0.04716	0.06918	0.06347	0.08662
578485.014141496.4	578485	4141496	0.18123	0.12364	0.1332	0.06288	0.15515	0.09563	0.05259	0.05096	0.07558	0.06884	0.09288
578505.014141496.4	578505	4141496	0.20144	0.1402	0.15162	0.06834	0.17831	0.10705	0.05699	0.05507	0.08266	0.07483	0.09934
578525.014141496.4	578525	4141496	0.22784	0.16241	0.17626	0.0752	0.21027	0.12213	0.06243	0.06012	0.09196	0.0829	0.10784
578545.014141496.4	578545	4141496	0.25517	0.18655	0.20277	0.0819	0.24605	0.13818	0.06778	0.06504	0.10136	0.09127	0.11543
578565.014141496.4	578565	4141496	0.29075	0.21934	0.23822	0.09019	0.29663	0.1596	0.07426	0.07097	0.11374	0.10272	0.12505
578585.014141496.4	578585	4141496	0.33585	0.26372	0.28475	0.10009	0.3684	0.18789	0.0818	0.07781	0.12952	0.11784	0.13651
578605.014141496.4	578605	4141496	0.39364	0.32621	0.34715	0.11197	0.47568	0.22673	0.09049	0.08565	0.14982	0.1379	0.14994
578625.014141496.4	578625	4141496	0.46983	0.42093	0.43475	0.12656	0.65046	0.28384	0.10056	0.09471	0.17659	0.1649	0.16592
578645.014141496.4	578645	4141496	0.57631	0.58444	0.56993	0.1456	0.97983	0.37935	0.11266	0.10559	0.21379	0.20261	0.18614
579085.014141496.4	579085	4141496	5.85397	1.69519	1.2323	7.80408	1.09708	4.01518	16.82991	32.96512	2.85528	3.2897	5.98221
579105.014141496.4	579105	4141496	4.46455	1.3739	1.04263	5.00226	0.94207	2.77908	9.4694	16.3376	2.26914	2.53084	6.95886
579125.014141496.4	579125	4141496	3.53538	1.14133	0.89328	3.55596	0.82042	2.08962	6.13895	8.93937	1.86486	2.038	8.21821
579145.014141496.4	579145	4141496	2.88371	0.9682	0.77517	2.71347	0.7234	1.6606	4.44012	5.73207	1.57423	1.70417	9.99332
579165.014141496.4	579165	4141496	2.40467	0.83444	0.67972	2.16013	0.64361	1.36462	3.41752	4.12262	1.35256	1.45996	12.71865
579185.014141496.4	579185	4141496	2.03627	0.72688	0.60037	1.76273	0.57574	1.14386	2.71672	3.16036	1.17397	1.26709	14.28498
579205.014141496.4	579205	4141496	1.74916	0.63973	0.53434	1.46696	0.51793	0.97459	2.20874	2.51681	1.02795	1.1102	9.86567
578385.014141516.4	578385	4141516	0.11724	0.07433	0.07858	0.04361	0.08901	0.06022	0.03725	0.03635	0.05214	0.04981	0.06896
578405.014141516.4	578405	4141516	0.12784	0.08213	0.08701	0.04693	0.09929	0.06594	0.03984	0.03885	0.05642	0.05362	0.07321
578425.014141516.4	578425	4141516	0.13983	0.09114	0.09679	0.0506	0.1113	0.07247	0.04269	0.0416	0.06116	0.05777	0.07774
578445.014141516.4	578445	4141516	0.15332	0.10149	0.10807	0.05463	0.12526	0.07989	0.04581	0.0446	0.06635	0.06227	0.08253
578465.014141516.4	578465	4141516	0.16916	0.11394	0.12168	0.05925	0.14227	0.08869	0.04936	0.048	0.07232	0.06735	0.08802
578485.014141516.4	578485	4141516	0.18793	0.12908	0.13832	0.06457	0.16331	0.09925	0.05344	0.05189	0.07923	0.07319	0.09435
578505.014141516.4	578505	4141516	0.20944	0.14699	0.15803	0.07046	0.18866	0.11157	0.05793	0.05616	0.08696	0.07966	0.10114
578525.014141516.4	578525	4141516	0.23781	0.17133	0.1849	0.07796	0.224	0.12805	0.0636	0.06151	0.09704	0.08817	0.11012
578545.014141516.4	578545	4141516	0.26635	0.19725	0.21332	0.08515	0.26274	0.14526	0.06904	0.06664	0.10685	0.0964	0.11802
578565.014141516.4	578565	4141516	0.30437	0.23326	0.25267	0.09429	0.31844	0.16874	0.07588	0.07304	0.11987	0.10763	0.12844
578585.014141516.4	578585	4141516	0.35119	0.28058	0.30366	0.10487	0.39481	0.19885	0.08371	0.0803	0.13569	0.12171	0.14034
578605.014141516.4	578605	4141516	0.41104	0.34616	0.37277	0.11744	0.50681	0.23963	0.09284	0.08872	0.15571	0.14017	0.15442
578625.014141516.4	578625	4141516	0.49038	0.44386	0.47129	0.13278	0.6852	0.29866	0.10365	0.09859	0.18193	0.16523	0.17155
578645.014141516.4	578645	4141516	0.60051	0.60574	0.62204	0.15217	1.00704	0.39357	0.11668	0.1104	0.21772	0.20043	0.19306
579085.014141516.4	579085	4141516	4.88561	1.49624	1.07893	6.50225	1.02805	3.42316	14.77987	33.68186	2.74428	3.11188	7.76296
579105.014141516.4	579105	4141516	3.80512	1.22439	0.91945	4.31764	0.88777	2.43531	8.64317	14.64465	2.21307	2.45897	9.38554

579125.014141516.4	579125	4141516	3.05742	1.02465	0.79279	3.1606	0.77567	1.87034	5.85508	8.10985	1.83304	2.01809	11.60753
579145.014141516.4	579145	4141516	2.51961	0.87371	0.69103	2.44494	0.68419	1.50141	4.29514	5.4034	1.54878	1.70001	14.96244
579165.014141516.4	579165	4141516	2.11858	0.75609	0.60818	1.95691	0.60821	1.2394	3.29283	3.95186	1.32696	1.45535	7.89679
578385.014141536.4	578385	4141536	0.12	0.07631	0.08061	0.04416	0.09146	0.06155	0.03835	0.03721	0.05322	0.051	0.06957
578405.014141536.4	578405	4141536	0.13077	0.08428	0.08918	0.04748	0.10207	0.06737	0.04093	0.0397	0.05765	0.05507	0.07367
578425.014141536.4	578425	4141536	0.14334	0.09378	0.09944	0.05128	0.11489	0.07422	0.04385	0.04251	0.06273	0.0597	0.07837
578445.014141536.4	578445	4141536	0.15795	0.10505	0.11166	0.05559	0.13032	0.08227	0.04714	0.04566	0.06851	0.0649	0.08359
578465.014141536.4	578465	4141536	0.17464	0.11827	0.12604	0.0604	0.14867	0.09157	0.05076	0.04914	0.07496	0.07062	0.08922
578485.014141536.4	578485	4141536	0.19442	0.13437	0.14361	0.06594	0.17142	0.10276	0.05489	0.0531	0.08242	0.07715	0.09565
578505.014141536.4	578505	4141536	0.21725	0.15361	0.16464	0.07216	0.19913	0.11593	0.05947	0.05748	0.09081	0.08438	0.10266
578525.014141536.4	578525	4141536	0.24834	0.18063	0.19442	0.08035	0.2391	0.13414	0.06545	0.06315	0.10201	0.09395	0.11226
578545.014141536.4	578545	4141536	0.27807	0.2083	0.22462	0.08785	0.28127	0.15243	0.07084	0.06831	0.11229	0.10254	0.12017
578565.014141536.4	578565	4141536	0.31943	0.24853	0.26866	0.09789	0.3447	0.17856	0.07798	0.07507	0.12635	0.11437	0.1313
578585.014141536.4	578585	4141536	0.37004	0.30161	0.32643	0.10949	0.43222	0.21221	0.08614	0.08276	0.14308	0.12853	0.14399
578605.014141536.4	578605	4141536	0.4337	0.37506	0.40544	0.12315	0.56023	0.25758	0.09558	0.09163	0.16357	0.14618	0.15877
578625.014141536.4	578625	4141536	0.5184	0.4853	0.52174	0.13988	0.76585	0.32397	0.10694	0.10221	0.19013	0.16976	0.17702
578645.014141536.4	578645	4141536	0.63316	0.66286	0.70193	0.16031	1.12497	0.42739	0.1204	0.11467	0.22496	0.20181	0.1993
578665.014141536.4	578665	4141536	0.79718	0.99233	1.01132	0.18599	1.86562	0.6145	0.1366	0.12955	0.27252	0.24719	0.22737
579105.014141536.4	579105	4141536	3.13092	1.0624	0.79515	3.70154	0.83288	2.10881	7.95125	12.33522	2.15212	2.4257	13.81543
579125.014141536.4	579125	4141536	2.5683	0.90028	0.69143	2.75916	0.72835	1.64422	5.46022	7.2973	1.78415	2.00256	13.24115
579185.014141536.4	579185	4141536	1.57487	0.59316	0.47873	1.422	0.50928	0.93088	2.37659	2.77734	1.10333	1.22855	5.62366
578385.014141556.4	578385	4141556	0.1223	0.07813	0.08244	0.04486	0.09388	0.06288	0.0397	0.03831	0.05432	0.05179	0.07018
578405.014141556.4	578405	4141556	0.13341	0.08645	0.0914	0.04825	0.10509	0.06893	0.04236	0.04085	0.05893	0.0561	0.0743
578425.014141556.4	578425	4141556	0.14627	0.09628	0.10203	0.05209	0.11853	0.07599	0.04533	0.04368	0.06417	0.06097	0.0789
578445.014141556.4	578445	4141556	0.16142	0.10813	0.11489	0.0565	0.13498	0.08439	0.0487	0.0469	0.07022	0.06655	0.08417
578465.014141556.4	578465	4141556	0.17927	0.12246	0.13052	0.06157	0.15523	0.09443	0.05252	0.05053	0.0772	0.07292	0.09011
578485.014141556.4	578485	4141556	0.20002	0.13965	0.14932	0.0673	0.17999	0.10629	0.05676	0.05457	0.08513	0.08009	0.09663
578505.014141556.4	578505	4141556	0.22452	0.16068	0.1724	0.07385	0.21098	0.1206	0.06154	0.05911	0.09425	0.08823	0.10392
578525.014141556.4	578525	4141556	0.25662	0.18927	0.20398	0.08217	0.25425	0.13974	0.06751	0.06475	0.10587	0.09847	0.11334
578545.014141556.4	578545	4141556	0.28963	0.22076	0.23862	0.09036	0.30359	0.16038	0.07324	0.07021	0.11737	0.10844	0.12185
578565.014141556.4	578565	4141556	0.33428	0.26573	0.28838	0.101	0.37679	0.18934	0.08059	0.07716	0.13242	0.12134	0.13328
578585.014141556.4	578585	4141556	0.38979	0.32669	0.35572	0.11353	0.48109	0.22765	0.08907	0.08517	0.15038	0.13654	0.14654
578605.014141556.4	578605	4141556	0.46139	0.41451	0.45249	0.12868	0.64072	0.28148	0.09911	0.09462	0.17252	0.1552	0.1625
578625.014141556.4	578625	4141556	0.55482	0.54817	0.59828	0.14688	0.90225	0.36093	0.11089	0.10567	0.20002	0.17845	0.18155
578645.014141556.4	578645	4141556	0.68195	0.77212	0.83737	0.16922	1.3821	0.49062	0.12492	0.11878	0.23541	0.20886	0.20495
578665.014141556.4	578665	4141556	0.86313	1.20541	1.27488	0.19697	2.41914	0.73524	0.14169	0.13439	0.28244	0.25043	0.23416
578685.014141556.4	578685	4141556	1.14082	2.306	2.20198	0.23253	5.45414	1.35101	0.16213	0.15331	0.34814	0.31073	0.27217
579165.014141556.4	579165	4141556	1.55295	0.59519	0.47009	1.48556	0.52978	0.95893	2.62757	3.13186	1.21196	1.37868	5.1023
579185.014141556.4	579185	4141556	1.35377	0.52702	0.42178	1.23245	0.47329	0.8163	2.07244	2.41275	1.04159	1.17906	5.80522
579205.014141556.4	579205	4141556	1.19101	0.4701	0.38055	1.04051	0.42538	0.70482	1.67657	1.91879	0.90412	1.01893	5.3045
578385.014141576.4	578385	4141576	0.12438	0.08002	0.08449	0.04582	0.09689	0.06436	0.04094	0.03943	0.05566	0.05259	0.07082
578405.014141576.4	578405	4141576	0.13584	0.08876	0.09397	0.0493	0.10881	0.07067	0.04367	0.04202	0.06038	0.057	0.07493
578425.014141576.4	578425	4141576	0.14923	0.0992	0.10535	0.05327	0.1233	0.07812	0.04675	0.04494	0.0658	0.06205	0.07958
578445.014141576.4	578445	4141576	0.16499	0.11179	0.11915	0.05782	0.14109	0.087	0.05022	0.04822	0.07206	0.06785	0.08484
578465.014141576.4	578465	4141576	0.18334	0.12691	0.13579	0.06296	0.16286	0.0975	0.05408	0.05187	0.0792	0.07443	0.09061
578485.014141576.4	578485	4141576	0.20528	0.14559	0.15645	0.06892	0.19036	0.11029	0.05848	0.05603	0.08753	0.08207	0.09723
578505.014141576.4	578505	4141576	0.23194	0.16919	0.18269	0.07592	0.22602	0.12618	0.06354	0.06081	0.09739	0.09104	0.10494
578525.014141576.4	578525	4141576	0.2661	0.2008	0.21808	0.08458	0.27531	0.14711	0.06968	0.06657	0.10966	0.10206	0.11442
578545.014141576.4	578545	4141576	0.30337	0.23793	0.25965	0.09355	0.33563	0.17115	0.07588	0.07242	0.12249	0.11354	0.12366
578565.014141576.4	578565	4141576	0.352	0.28998	0.31823	0.10474	0.42402	0.20413	0.08344	0.07953	0.13857	0.12771	0.13521
578585.014141576.4	578585	4141576	0.41365	0.36311	0.4007	0.11808	0.55558	0.24937	0.09225	0.0878	0.15788	0.14452	0.14879
578605.014141576.4	578605	4141576	0.49401	0.47231	0.52351	0.13425	0.76587	0.31501	0.10265	0.09753	0.18152	0.1648	0.16509
578625.014141576.4	578625	4141576	0.60214	0.64873	0.71862	0.15413	1.13326	0.41836	0.11504	0.1091	0.21103	0.1898	0.18502
578645.014141576.4	578645	4141576	0.75466	0.9679	1.05334	0.1791	1.85533	0.60061	0.13008	0.12311	0.24909	0.22177	0.21012
578665.014141576.4	578665	4141576	0.97542	1.62441	1.65564	0.20993	3.46576	0.96811	0.14781	0.13959	0.298	0.26282	0.24097
578685.014141576.4	578685	4141576	1.32304	3.19924	2.7894	0.24929	7.49636	1.82503	0.16922	0.15944	0.36426	0.31923	0.28069
578705.014141576.4	578705	4141576	1.93441	6.34004	4.8077	0.30151	14.95262	3.42125	0.19572	0.18395	0.45989	0.40311	0.33483
579145.014141576.4	579145	4141576	1.49378	0.58823	0.45481	1.5106	0.54894	0.9672	2.76671	3.33939	1.32077	1.54246	6.45515
579165.014141576.4	579165	4141576	1.30687	0.52107	0.40909	1.24463	0.48751	0.81865	2.15496	2.53732	1.12115	1.29964	5.9495
579185.014141576.4	579185	4141576	1.15352	0.46517	0.3699	1.04561	0.43601	0.70463	1.72667	1.99813	0.96349	1.11026	4.4229
579205.014141576.4	579205	4141576	1.02555	0.41761	0.33603	0.89211	0.39238	0.61369	1.41485	1.61448	0.83659	0.9586	3.50439
579225.014141576.4	579225	4141576	0.91768	0.37699	0.30657	0.77088	0.35509	0.53999	1.18071	1.33228	0.73308	0.8358	2.93532
579245.014141576.4	579245	4141576	0.82559	0.34171	0.28075	0.67322	0.32292	0.47873	1.0003	1.11702	0.64751	0.73432	2.57867
579265.014141576.4	579265	4141576	0.74716	0.31169	0.25812	0.5933	0.29506	0.42846	0.8584	0.95223	0.57614	0.65124	2.42598
578385.014141596.4	578385	4141596	0.12666	0.08232	0.08724	0.04693	0.10096	0.0661	0.04167	0.04025	0.05717	0.05374	0.07136
578405.014141596.4	578405	4141596	0.13894	0.09186	0.09774	0.05063	0.1142	0.07294	0.04453	0.04296	0.06212	0.05832	0.07565
578425.014141596.4	578425	4141596	0.15292	0.10302	0.11008	0.05472	0.12997	0.08085	0.04764	0.04591	0.06765	0.06342	0.08026
578445.014141596.4	578445	4141596	0.16964	0.11675	0.12533	0.05948	0.14973	0.09043	0.0512	0.04929	0.07411	0.06937	0.08556
578465.014141596.4	578465	4141596	0.18925	0.13341	0.14393	0.06487	0.17424	0.10187	0.05517	0.05305	0.08152	0.07616	0.09142
578485.014141596.4	578485	4141596	0.21279	0.15419	0.16727	0.07112	0.20562	0.11592	0.05968	0.05731	0.09018	0.08408	0.09809
578505.014141596.4	578505	4141596	0.24209	0.18124	0.19784	0.07862	0.24771	0.1339	0.06499	0.06231	0.10065	0.09359	0.10605
578525.014141596.4	578525	4141596	0.27875	0.21706	0.2386	0.08759	0.30558	0.15722	0.0712	0.06816	0.11332	0.10502	0.11541
578545.014141596.4	578545	4141596	0.32093	0.26191	0.28976	0.09735	0.38153	0.18574	0.07777	0.07434	0.12724	0.11755	0.12513

578565.014141596.4	578565	4141596	0.37649	0.32653	0.36369	0.10952	0.49666	0.22591	0.08577	0.08186	0.14474	0.13315	0.13721
578585.014141596.4	578585	4141596	0.44709	0.41971	0.46982	0.12388	0.67302	0.2823	0.09496	0.09047	0.16556	0.15156	0.15116
578605.014141596.4	578605	4141596	0.54041	0.56373	0.6305	0.14122	0.96323	0.36713	0.10573	0.10053	0.19094	0.17377	0.16772
578625.014141596.4	578625	4141596	0.66967	0.80411	0.88631	0.16271	1.47632	0.50543	0.11863	0.11255	0.22276	0.20125	0.18807
578645.014141596.4	578645	4141596	0.85732	1.23491	1.30712	0.18979	2.43599	0.74741	0.13423	0.12703	0.26345	0.23586	0.21358
578665.014141596.4	578665	4141596	1.1475	2.04587	2.00837	0.22474	4.26048	1.19236	0.15342	0.14479	0.31716	0.28082	0.24667
578685.014141596.4	578685	4141596	1.62012	3.45626	3.12294	0.26992	7.25021	1.9414	0.17668	0.16628	0.38894	0.34012	0.28968
578705.014141596.4	578705	4141596	2.43346	5.3484	4.69065	0.32868	10.59928	2.92453	0.20458	0.192	0.48758	0.42114	0.34623
578725.014141596.4	578725	4141596	3.95019	7.64169	6.70776	0.41188	13.39071	4.14709	0.24069	0.22517	0.63925	0.54727	0.43108
578745.014141596.4	578745	4141596	6.74887	10.70088	9.34551	0.53396	15.88882	5.71032	0.28774	0.26823	0.89144	0.76394	0.56645
579105.014141596.4	579105	4141596	1.6096	0.64717	0.48039	1.8463	0.64627	1.14369	3.56657	4.41188	1.71931	2.09552	6.92331
579145.014141596.4	579145	4141596	1.23479	0.50724	0.39059	1.21944	0.49863	0.80206	2.11218	2.49425	1.19021	1.41769	4.82814
579165.014141596.4	579165	4141596	1.09525	0.45358	0.35468	1.02328	0.44368	0.68945	1.69603	1.9707	1.01289	1.1955	3.74133
579185.014141596.4	579185	4141596	0.97822	0.40805	0.3234	0.87242	0.39763	0.60047	1.39133	1.5959	0.87248	1.02183	3.04867
579205.014141596.4	579205	4141596	0.87887	0.36905	0.29601	0.75358	0.3586	0.52861	1.16172	1.31861	0.75937	0.88347	2.59285
579225.014141596.4	579225	4141596	0.79377	0.33527	0.27186	0.65805	0.32518	0.46928	0.98444	1.10716	0.6669	0.77114	2.29449
579245.014141596.4	579245	4141596	0.72031	0.30581	0.25048	0.57988	0.29632	0.41962	0.84475	0.94234	0.59032	0.67871	2.11967
579265.014141596.4	579265	4141596	0.65657	0.2803	0.23154	0.51523	0.27128	0.37813	0.73292	0.81252	0.52622	0.6025	2.07216
579285.014141596.4	579285	4141596	0.59959	0.25669	0.2144	0.45994	0.24911	0.34074	0.64041	0.70377	0.47104	0.53589	2.08627
579305.014141596.4	579305	4141596	0.5512	0.23711	0.19934	0.41457	0.22988	0.31057	0.56626	0.61922	0.42542	0.48204	2.30863
579325.014141596.4	579325	4141596	0.50788	0.21946	0.18571	0.37509	0.21275	0.28396	0.50355	0.54825	0.38572	0.43543	2.73928
579345.014141596.4	579345	4141596	0.46971	0.20405	0.17351	0.34115	0.19757	0.26135	0.45084	0.48976	0.35142	0.3961	3.66182
578385.014141616.4	578385	4141616	0.12961	0.08537	0.09111	0.04796	0.10635	0.06821	0.04174	0.04056	0.0586	0.05529	0.07171
578405.014141616.4	578405	4141616	0.14289	0.0959	0.10286	0.05188	0.12121	0.07569	0.04467	0.04335	0.06376	0.06003	0.07613
578425.014141616.4	578425	4141616	0.15834	0.10854	0.11702	0.0563	0.13937	0.08453	0.04792	0.04645	0.06961	0.06541	0.08098
578445.014141616.4	578445	4141616	0.17636	0.12379	0.13421	0.06128	0.16178	0.09503	0.05152	0.04989	0.07627	0.07149	0.0863
578465.014141616.4	578465	4141616	0.19782	0.14268	0.15562	0.067	0.19023	0.10782	0.05558	0.05375	0.08397	0.07852	0.09227
578485.014141616.4	578485	4141616	0.22371	0.16655	0.18284	0.07362	0.22732	0.1237	0.0602	0.05814	0.09298	0.08669	0.09903
578505.014141616.4	578505	4141616	0.25591	0.19794	0.21886	0.08151	0.27784	0.14417	0.06559	0.06325	0.10381	0.09647	0.10697
578525.014141616.4	578525	4141616	0.29791	0.24165	0.26936	0.09132	0.35124	0.17208	0.07215	0.06944	0.11743	0.10866	0.11677
578545.014141616.4	578545	4141616	0.34492	0.29613	0.33204	0.10154	0.4473	0.20598	0.07877	0.07571	0.13176	0.12147	0.12634
578565.014141616.4	578565	4141616	0.40967	0.37857	0.4264	0.11477	0.59954	0.25613	0.08717	0.08361	0.15049	0.13807	0.1388
578585.014141616.4	578585	4141616	0.49337	0.49965	0.5622	0.13039	0.83377	0.328	0.09678	0.09263	0.17282	0.15771	0.15311
578605.014141616.4	578605	4141616	0.60754	0.68812	0.76546	0.14952	1.21139	0.4373	0.10819	0.1033	0.20044	0.18179	0.17031
578625.014141616.4	578625	4141616	0.76983	0.99141	1.07449	0.17333	1.83092	0.60941	0.12187	0.11604	0.23524	0.2118	0.1914
578645.014141616.4	578645	4141616	1.00766	1.48029	1.53995	0.20299	2.82547	0.88119	0.13814	0.13113	0.27918	0.24919	0.21723
578665.014141616.4	578665	4141616	1.37959	2.24858	2.23416	0.24187	4.30284	1.30019	0.1584	0.14982	0.33787	0.29827	0.2512
578685.014141616.4	578685	4141616	1.98135	3.30893	3.2009	0.29391	6.04074	1.87055	0.18383	0.17317	0.41847	0.36427	0.29731
578705.014141616.4	578705	4141616	2.96565	4.54344	4.40835	0.36441	7.43713	2.54105	0.21561	0.2022	0.53217	0.45504	0.36129
578725.014141616.4	578725	4141616	4.55079	5.9013	5.79988	0.46166	8.15189	3.28375	0.25519	0.23818	0.69933	0.58508	0.45255
578745.014141616.4	578745	4141616	7.06894	7.58002	7.45559	0.60545	8.71707	4.19624	0.30705	0.28503	0.97212	0.79312	0.59493
579065.014141616.4	579065	4141616	1.70814	0.70678	0.49229	2.21759	0.77695	1.33351	4.02499	5.64709	2.30356	2.97581	5.08058
579085.014141616.4	579085	4141616	1.47719	0.61773	0.44397	1.73198	0.66417	1.08042	3.04488	3.90752	1.83044	2.31345	5.63907
579105.014141616.4	579105	4141616	1.29413	0.5457	0.40233	1.39822	0.57566	0.89992	2.38787	2.90959	1.49066	1.85143	5.28389
579125.014141616.4	579125	4141616	1.14547	0.48647	0.36625	1.15575	0.50484	0.76526	1.91663	2.27359	1.23815	1.51682	4.03141
579165.014141616.4	579165	4141616	0.91739	0.39323	0.30673	0.83209	0.39894	0.57603	1.30336	1.49756	0.89443	1.07048	2.68402
579185.014141616.4	579185	4141616	0.82847	0.35661	0.28214	0.72065	0.35868	0.50864	1.09951	1.24991	0.77428	0.91867	2.31741
579205.014141616.4	579205	4141616	0.75174	0.3247	0.26024	0.63068	0.32443	0.45254	0.93884	1.05715	0.67686	0.79652	2.05974
579225.014141616.4	579225	4141616	0.68503	0.29686	0.24066	0.55686	0.29502	0.40525	0.81019	0.9051	0.59668	0.69676	1.88903
579245.014141616.4	579245	4141616	0.62671	0.27236	0.22314	0.49556	0.26956	0.36532	0.70588	0.78297	0.53002	0.61469	1.80331
579265.014141616.4	579265	4141616	0.57543	0.25082	0.20741	0.44404	0.24739	0.33131	0.62026	0.68392	0.47395	0.54644	1.80251
579285.014141616.4	579285	4141616	0.52799	0.23046	0.19275	0.39862	0.2274	0.30006	0.54689	0.59808	0.42482	0.48642	1.84139
579305.014141616.4	579305	4141616	0.48846	0.21376	0.18016	0.36172	0.21043	0.27502	0.48805	0.53138	0.38456	0.43822	2.04839
579325.014141616.4	579325	4141616	0.45333	0.1989	0.16875	0.32996	0.19537	0.25319	0.43836	0.47541	0.34995	0.39704	2.43909
579345.014141616.4	579345	4141616	0.42162	0.18579	0.15829	0.30201	0.18182	0.23441	0.39566	0.42842	0.31982	0.36207	3.22103
578385.014141636.4	578385	4141636	0.13409	0.08978	0.09672	0.04894	0.11353	0.07105	0.04146	0.0405	0.05986	0.05706	0.07208
578405.014141636.4	578405	4141636	0.14844	0.10146	0.10991	0.05303	0.13024	0.07923	0.04441	0.04333	0.06516	0.06195	0.07651
578425.014141636.4	578425	4141636	0.16531	0.11567	0.12602	0.05768	0.15103	0.08902	0.04771	0.04649	0.07122	0.06752	0.0814
578445.014141636.4	578445	4141636	0.18543	0.13328	0.14613	0.06302	0.17747	0.10096	0.05145	0.05006	0.07824	0.07393	0.0869
578465.014141636.4	578465	4141636	0.20954	0.15541	0.17155	0.06916	0.21171	0.11568	0.05568	0.05409	0.08637	0.08132	0.09304
578485.014141636.4	578485	4141636	0.23835	0.18344	0.20391	0.07616	0.2566	0.13397	0.06041	0.05858	0.09571	0.08976	0.09983
578505.014141636.4	578505	4141636	0.2745	0.22096	0.24738	0.08452	0.31899	0.15795	0.06594	0.06382	0.10698	0.09986	0.10777
578525.014141636.4	578525	4141636	0.32049	0.27253	0.30707	0.09456	0.40813	0.19021	0.07243	0.06995	0.12063	0.11201	0.1171
578545.014141636.4	578545	4141636	0.37743	0.34274	0.3875	0.10609	0.53421	0.23307	0.07969	0.07679	0.13644	0.12597	0.1274
578565.014141636.4	578565	4141636	0.45363	0.44528	0.50292	0.12033	0.72368	0.29444	0.08843	0.08498	0.15615	0.14319	0.13988
578585.014141636.4	578585	4141636	0.55772	0.59767	0.66947	0.13796	1.00991	0.38378	0.09894	0.09478	0.18079	0.16448	0.15502
578605.014141636.4	578605	4141636	0.70066	0.82263	0.90596	0.15939	1.43423	0.5132	0.11125	0.10622	0.211	0.19028	0.17288
578625.014141636.4	578625	4141636	0.90354	1.15537	1.24116	0.18593	2.0514	0.70144	0.1259	0.11975	0.24884	0.22212	0.19445
578645.014141636.4	578645	4141636	1.20398	1.63856	1.71213	0.22017	2.89955	0.97112	0.14393	0.1363	0.29841	0.26308	0.22197
578665.014141636.4	578665	4141636	1.65413	2.28213	2.33894	0.26476	3.89073	1.32699	0.16611	0.15652	0.36438	0.31641	0.25754
578685.014141636.4	578685	4141636	2.34831	3.05459	3.12522	0.32578	4.7763	1.75656	0.19459	0.1823	0.45757	0.38968	0.30687
578705.014141636.4	578705	4141636	3.40834	3.89331	4.02237	0.41036	5.28375	2.23324	0.23102	0.215	0.59321	0.49229	0.37611
578725.014141636.4	578725	4141636	4.98366	4.77762	4.96114	0.52822	5.42673	2.74799	0.27655	0.25555	0.796	0.63824	0.472

579045.014141636.4	579045	4141636	1.55622	0.67516	0.44292	2.05493	0.7969	1.23356	3.26877	4.83386	2.38409	3.2073	6.24471
579065.014141636.4	579065	4141636	1.34618	0.58633	0.40264	1.5945	0.67313	0.99786	2.46385	3.38796	1.87553	2.45252	5.83041
579085.014141636.4	579085	4141636	1.18211	0.51699	0.36778	1.28583	0.57848	0.83363	1.96249	2.5261	1.51639	1.93944	4.32813
579105.014141636.4	579105	4141636	1.04945	0.46065	0.33726	1.06618	0.50412	0.7116	1.61586	1.97866	1.25237	1.57285	3.41609
579125.014141636.4	579125	4141636	0.93997	0.41342	0.31023	0.90203	0.44424	0.61633	1.35653	1.6049	1.05255	1.30065	2.79989
579165.014141636.4	579165	4141636	0.76996	0.33977	0.26488	0.67457	0.35451	0.47995	0.9919	1.13115	0.77482	0.93425	2.07927
579185.014141636.4	579185	4141636	0.70204	0.31019	0.24557	0.59263	0.32001	0.42811	0.85947	0.96911	0.6754	0.80557	1.84506
579205.014141636.4	579205	4141636	0.64289	0.28436	0.22823	0.52536	0.29064	0.38495	0.75099	0.83891	0.5942	0.70214	1.69304
579225.014141636.4	579225	4141636	0.59083	0.26154	0.21256	0.4692	0.26532	0.34812	0.66092	0.73211	0.52686	0.61725	1.60051
579245.014141636.4	579245	4141636	0.54479	0.24151	0.19839	0.42183	0.24333	0.3167	0.5856	0.64461	0.47038	0.54711	1.57028
579265.014141636.4	579265	4141636	0.5036	0.22336	0.18545	0.38136	0.22402	0.28899	0.52193	0.57038	0.42251	0.48767	1.59113
579285.014141636.4	579285	4141636	0.46614	0.20692	0.1736	0.34585	0.20693	0.26446	0.46673	0.50714	0.38083	0.43687	1.67205
579305.014141636.4	579305	4141636	0.43353	0.19272	0.16296	0.31585	0.19194	0.24373	0.42062	0.45526	0.3458	0.39458	1.86422
579325.014141636.4	579325	4141636	0.40407	0.17989	0.15319	0.28957	0.17856	0.22534	0.38075	0.41066	0.31537	0.35811	2.19596
579345.014141636.4	579345	4141636	0.3776	0.16841	0.14423	0.26667	0.16657	0.20915	0.34645	0.37248	0.289	0.3267	2.79268
578385.014141656.4	578385	4141656	0.14042	0.09579	0.10428	0.04998	0.12262	0.0748	0.04127	0.04037	0.06087	0.05854	0.07247
578405.014141656.4	578405	4141656	0.15619	0.109	0.11937	0.05429	0.14185	0.08392	0.04431	0.04327	0.06637	0.0636	0.07692
578425.014141656.4	578425	4141656	0.17452	0.12502	0.13774	0.05911	0.16578	0.09477	0.04767	0.04647	0.07255	0.06926	0.08173
578445.014141656.4	578445	4141656	0.1968	0.14537	0.16123	0.06474	0.19708	0.10833	0.05154	0.05014	0.07983	0.07588	0.08722
578465.014141656.4	578465	4141656	0.22452	0.17203	0.19213	0.07147	0.23938	0.12576	0.05609	0.05444	0.08857	0.08376	0.09364
578485.014141656.4	578485	4141656	0.25761	0.20601	0.23158	0.07906	0.29513	0.14751	0.06113	0.05918	0.09852	0.09266	0.10059
578505.014141656.4	578505	4141656	0.30073	0.25305	0.28609	0.08844	0.37464	0.17706	0.06724	0.06491	0.11092	0.10363	0.10902
578525.014141656.4	578525	4141656	0.35274	0.31443	0.35642	0.09891	0.48113	0.21478	0.07387	0.0711	0.12485	0.11583	0.11794
578545.014141656.4	578545	4141656	0.42124	0.40044	0.45343	0.11169	0.63277	0.26668	0.08176	0.07844	0.14197	0.13065	0.12853
578565.014141656.4	578565	4141656	0.51352	0.52228	0.58785	0.12745	0.84841	0.33895	0.09122	0.08719	0.16325	0.14882	0.14124
578585.014141656.4	578585	4141656	0.63969	0.69463	0.77307	0.14696	1.15075	0.43967	0.10255	0.09762	0.18978	0.17112	0.15649
578605.014141656.4	578605	4141656	0.81571	0.93714	1.02641	0.17142	1.56534	0.57953	0.11622	0.11013	0.22336	0.19885	0.17509
578625.014141656.4	578625	4141656	1.06746	1.27287	1.36911	0.20297	2.10828	0.77141	0.13315	0.12552	0.2673	0.23436	0.19868
578645.014141656.4	578645	4141656	1.42193	1.70357	1.80582	0.24293	2.73224	1.01603	0.15349	0.14387	0.32403	0.27894	0.22771
578665.014141656.4	578665	4141656	1.93298	2.21664	2.3374	0.29585	3.32383	1.30918	0.17889	0.16664	0.40152	0.33776	0.26563
578685.014141656.4	578685	4141656	2.69188	2.79255	2.9535	0.37072	3.74244	1.64631	0.21268	0.19663	0.51645	0.42141	0.31939
578705.014141656.4	578705	4141656	3.75371	3.36204	3.56448	0.47153	3.87716	1.99425	0.25405	0.23308	0.68148	0.53488	0.38858
578725.014141656.4	578725	4141656	5.29404	3.96759	4.13895	0.62192	3.90188	2.38846	0.30955	0.28147	0.94783	0.70686	0.48647
579005.014141656.4	579005	4141656	1.69705	0.76407	0.43611	2.48064	0.98103	1.44932	4.03809	5.99038	3.0149	4.33793	4.55459
579025.014141656.4	579025	4141656	1.43206	0.64392	0.39544	1.8669	0.79874	1.13064	2.83	4.06457	2.30161	3.18838	6.4592
579045.014141656.4	579045	4141656	1.23296	0.55484	0.36123	1.45675	0.66805	0.91495	2.09918	2.89984	1.81823	2.441	4.65664
579065.014141656.4	579065	4141656	1.08046	0.48691	0.33189	1.17319	0.57034	0.76377	1.6384	2.18643	1.47461	1.93075	3.60888
579085.014141656.4	579085	4141656	0.95888	0.43276	0.30628	0.9721	0.49481	0.65254	1.34051	1.71289	1.22032	1.56457	2.92744
579105.014141656.4	579105	4141656	0.86001	0.38867	0.2836	0.82396	0.43479	0.56756	1.13376	1.39186	1.02724	1.2935	2.45592
579125.014141656.4	579125	4141656	0.77795	0.35165	0.26335	0.71056	0.38608	0.5005	0.97919	1.16276	0.87719	1.08745	2.11668
579145.014141656.4	579145	4141656	0.70851	0.32018	0.2451	0.62091	0.34579	0.44536	0.8565	0.99226	0.75786	0.92628	1.86124
579185.014141656.4	579185	4141656	0.59676	0.26943	0.21358	0.48826	0.28323	0.36051	0.67033	0.75335	0.58208	0.69473	1.52924
579205.014141656.4	579205	4141656	0.55099	0.24864	0.19994	0.43808	0.25857	0.32758	0.59822	0.66556	0.51638	0.61036	1.44135
579225.014141656.4	579225	4141656	0.51034	0.23019	0.18748	0.39552	0.23719	0.29912	0.53645	0.59176	0.4612	0.54041	1.39671
579245.014141656.4	579245	4141656	0.47403	0.21384	0.1761	0.35915	0.21854	0.2747	0.48333	0.52962	0.41446	0.48223	1.40193
579265.014141656.4	579265	4141656	0.44088	0.19852	0.16555	0.32747	0.20199	0.25188	0.43675	0.47402	0.37408	0.4313	1.42833
579285.014141656.4	579285	4141656	0.41111	0.18517	0.15591	0.29958	0.18739	0.23254	0.39595	0.42784	0.33933	0.38881	1.52554
579305.014141656.4	579305	4141656	0.38475	0.17348	0.14706	0.27584	0.17442	0.21591	0.36133	0.38899	0.3098	0.353	1.71342
579325.014141656.4	579325	4141656	0.35995	0.16237	0.13879	0.25403	0.16269	0.20035	0.32956	0.35357	0.28323	0.32106	1.99161
579345.014141656.4	579345	4141656	0.33767	0.15244	0.13116	0.23498	0.15215	0.18665	0.30202	0.32307	0.2602	0.29357	2.47484
578385.014141676.4	578385	4141676	0.14864	0.10343	0.11381	0.05128	0.13386	0.07958	0.04157	0.04051	0.06173	0.05934	0.07281
578405.014141676.4	578405	4141676	0.16585	0.11838	0.13104	0.05579	0.15606	0.08973	0.04473	0.0435	0.06736	0.06445	0.07717
578425.014141676.4	578425	4141676	0.18634	0.13702	0.15261	0.06095	0.18451	0.10216	0.04831	0.04686	0.07384	0.07028	0.08199
578445.014141676.4	578445	4141676	0.21157	0.1611	0.18056	0.06704	0.22232	0.11794	0.05248	0.05076	0.08155	0.07714	0.08756
578465.014141676.4	578465	4141676	0.24334	0.193	0.2176	0.07436	0.2737	0.13847	0.05741	0.05535	0.09087	0.08536	0.09409
578485.014141676.4	578485	4141676	0.2819	0.23406	0.26509	0.08271	0.34134	0.16438	0.06291	0.06047	0.10157	0.09469	0.10118
578505.014141676.4	578505	4141676	0.33295	0.29078	0.33018	0.09313	0.43599	0.19959	0.06965	0.06669	0.11503	0.1063	0.10983
578525.014141676.4	578525	4141676	0.39568	0.36408	0.41303	0.10492	0.55909	0.24427	0.07703	0.07348	0.13032	0.11931	0.11906
578545.014141676.4	578545	4141676	0.47883	0.46386	0.52389	0.11938	0.7257	0.30426	0.08583	0.08155	0.14921	0.13514	0.13001
578565.014141676.4	578565	4141676	0.59037	0.59927	0.67141	0.13724	0.94814	0.38471	0.09634	0.09115	0.17272	0.1545	0.14306
578585.014141676.4	578585	4141676	0.74204	0.78188	0.86644	0.15962	1.23917	0.49216	0.10903	0.10268	0.20246	0.17852	0.15888
578605.014141676.4	578605	4141676	0.94869	1.02183	1.11828	0.18776	1.60176	0.63236	0.12435	0.11652	0.24038	0.20841	0.17811
578625.014141676.4	578625	4141676	1.23662	1.32884	1.43746	0.22445	2.02312	0.81155	0.14346	0.13368	0.29093	0.24712	0.2026
578645.014141676.4	578645	4141676	1.63935	1.69847	1.82289	0.27324	2.44841	1.02916	0.16765	0.15523	0.36043	0.29839	0.23443
578665.014141676.4	578665	4141676	2.19627	2.10513	2.25315	0.33861	2.78133	1.27428	0.1982	0.18222	0.45805	0.36715	0.27565
578685.014141676.4	578685	4141676	2.9475	2.51024	2.68102	0.42658	2.94083	1.53097	0.23634	0.21567	0.5976	0.46039	0.328
578705.014141676.4	578705	4141676	3.96806	2.91406	3.06676	0.55325	2.97676	1.80828	0.28707	0.25969	0.81407	0.59799	0.39844
578985.014141676.4	578985	4141676	1.58257	0.72416	0.39369	2.15919	0.95134	1.30066	3.68319	4.96156	2.62988	3.81661	5.34688
579005.014141676.4	579005	4141676	1.33524	0.60729	0.35585	1.65765	0.7704	1.02573	2.60701	3.50347	2.04968	2.87223	4.99922
579025.014141676.4	579025	4141676	1.14464	0.52126	0.32483	1.31333	0.64252	0.83594	1.92967	2.53309	1.6498	2.2458	3.7947
579045.014141676.4	579045	4141676	0.99785	0.45601	0.29889	1.06479	0.54794	0.69871	1.4766	1.9204	1.3568	1.80422	3.04273
579065.014141676.4	579065	4141676	0.88222	0.40412	0.2766	0.88329	0.47516	0.59605	1.17495	1.50775	1.13573	1.47751	2.52114
579085.014141676.4	579085	4141676	0.7897	0.36271	0.25718	0.74915	0.41767	0.519	0.97434	1.22062	0.96474	1.23249	2.15492

579105.014141676.4	579105	4141676	0.71386	0.32815	0.23992	0.64669	0.37106	0.4579	0.83397	1.01503	0.82974	1.04183	1.87629
579125.014141676.4	579125	4141676	0.65052	0.29912	0.22442	0.56632	0.33259	0.40838	0.73007	0.86545	0.72113	0.89133	1.6623
579145.014141676.4	579145	4141676	0.59677	0.27442	0.2104	0.50183	0.30038	0.36789	0.64904	0.75249	0.6325	0.77131	1.5034
579165.014141676.4	579165	4141676	0.55054	0.25299	0.19768	0.44903	0.2731	0.33422	0.58291	0.66364	0.5594	0.67424	1.39325
579185.014141676.4	579185	4141676	0.51001	0.23416	0.18597	0.40468	0.24961	0.30501	0.52664	0.59139	0.49801	0.59374	1.31137
579205.014141676.4	579205	4141676	0.47407	0.21747	0.17519	0.36689	0.2292	0.27966	0.47785	0.53103	0.44598	0.52661	1.25909
579225.014141676.4	579225	4141676	0.44205	0.20257	0.16526	0.33447	0.21138	0.25744	0.43526	0.4796	0.40167	0.47007	1.24162
579245.014141676.4	579245	4141676	0.41331	0.18919	0.15614	0.30644	0.19574	0.23821	0.39792	0.43519	0.36374	0.42247	1.26606
579265.014141676.4	579265	4141676	0.38719	0.17711	0.14767	0.28183	0.18184	0.22095	0.36471	0.39643	0.3308	0.38151	1.32375
579285.014141676.4	579285	4141676	0.36328	0.16593	0.13975	0.26	0.16936	0.20502	0.33497	0.36164	0.30201	0.34559	1.4141
579305.014141676.4	579305	4141676	0.34082	0.1555	0.13236	0.24027	0.15815	0.19057	0.3078	0.33021	0.2763	0.31412	1.56149
579325.014141676.4	579325	4141676	0.32137	0.14665	0.12565	0.22355	0.14822	0.17847	0.28477	0.30443	0.25453	0.28785	1.83433
579345.014141676.4	579345	4141676	0.30337	0.13868	0.11936	0.20821	0.13919	0.1677	0.26366	0.28177	0.23516	0.26501	2.29303
578385.014141696.4	578385	4141696	0.15857	0.11266	0.12519	0.05304	0.14752	0.08544	0.04255	0.04116	0.0627	0.05956	0.07298
578405.014141696.4	578405	4141696	0.17785	0.13005	0.14535	0.0579	0.17382	0.09707	0.04597	0.04435	0.06864	0.0648	0.07734
578425.014141696.4	578425	4141696	0.20165	0.15245	0.17136	0.06367	0.20851	0.1118	0.04998	0.04807	0.07575	0.071	0.08241
578445.014141696.4	578445	4141696	0.23145	0.1817	0.2053	0.07057	0.25467	0.13073	0.05469	0.05244	0.08429	0.07839	0.08828
578465.014141696.4	578465	4141696	0.26761	0.21886	0.24819	0.07845	0.31414	0.15435	0.05997	0.05731	0.0941	0.08678	0.09466
578485.014141696.4	578485	4141696	0.31266	0.26684	0.30313	0.08767	0.39133	0.18436	0.06599	0.06284	0.10563	0.09652	0.10178
578505.014141696.4	578505	4141696	0.37286	0.33199	0.37695	0.09929	0.49555	0.22464	0.07341	0.06963	0.12031	0.10877	0.11055
578525.014141696.4	578525	4141696	0.44982	0.41639	0.47122	0.11311	0.62888	0.27619	0.08194	0.07742	0.13787	0.12321	0.12047
578565.014141696.4	578565	4141696	0.68078	0.66727	0.74448	0.15035	1.01012	0.4273	0.10369	0.09716	0.18589	0.16157	0.14541
578585.014141696.4	578585	4141696	0.85635	0.84918	0.93828	0.17643	1.26933	0.53615	0.11809	0.11015	0.22029	0.18816	0.16196
578605.014141696.4	578605	4141696	1.09093	1.07459	1.17567	0.20971	1.56476	0.67125	0.13572	0.12596	0.2653	0.22195	0.18231
578625.014141696.4	578625	4141696	1.40419	1.34018	1.45385	0.25276	1.86632	0.83213	0.15751	0.14539	0.32564	0.26562	0.20759
578645.014141696.4	578645	4141696	1.83124	1.64208	1.76871	0.31146	2.13527	1.0198	0.18596	0.17051	0.41205	0.32578	0.24091
578665.014141696.4	578665	4141696	2.38904	1.94987	2.08564	0.38999	2.30803	1.22097	0.22202	0.20207	0.53474	0.4078	0.28278
578685.014141696.4	578685	4141696	3.09966	2.24179	2.36456	0.49727	2.37271	1.42936	0.26848	0.24234	0.71454	0.52429	0.33546
578945.014141696.4	578945	4141696	1.75309	0.8052	0.4135	2.50026	1.06734	1.49734	4.40078	5.44212	3.04112	4.54085	4.25097
578965.014141696.4	578965	4141696	1.47123	0.66319	0.36523	1.88694	0.85161	1.16052	3.30806	4.22652	2.23677	3.22371	5.0304
578985.014141696.4	578985	4141696	1.25047	0.56074	0.32735	1.46886	0.70103	0.92651	2.43433	3.14036	1.74743	2.4394	3.85506
579005.014141696.4	579005	4141696	1.07364	0.48301	0.29702	1.1782	0.59133	0.76159	1.83097	2.31231	1.42068	1.93591	3.08862
579025.014141696.4	579025	4141696	0.93236	0.42256	0.27216	0.96535	0.50834	0.63918	1.41246	1.74795	1.18657	1.58289	2.55537
579045.014141696.4	579045	4141696	0.82089	0.37487	0.25138	0.80404	0.44368	0.54597	1.10847	1.37155	1.0092	1.3213	2.17102
579065.014141696.4	579065	4141696	0.73213	0.33657	0.23369	0.68211	0.39205	0.47496	0.89551	1.10579	0.8697	1.12019	1.88731
579085.014141696.4	579085	4141696	0.66005	0.30471	0.21831	0.58899	0.34989	0.41923	0.7483	0.91094	0.75738	0.96008	1.66742
579105.014141696.4	579105	4141696	0.60049	0.27806	0.20475	0.5162	0.31487	0.37462	0.64381	0.76977	0.66531	0.83097	1.49617
579125.014141696.4	579125	4141696	0.55041	0.25537	0.19257	0.45783	0.28531	0.33748	0.56649	0.66515	0.58873	0.72451	1.3576
579145.014141696.4	579145	4141696	0.50779	0.23593	0.18159	0.41038	0.26013	0.30715	0.50722	0.58553	0.52456	0.63781	1.25783
579165.014141696.4	579165	4141696	0.47095	0.21893	0.17157	0.37099	0.23842	0.28154	0.45965	0.52247	0.47021	0.5656	1.18741
579185.014141696.4	579185	4141696	0.43881	0.20393	0.16236	0.33778	0.21955	0.25916	0.42	0.47118	0.42382	0.50433	1.14308
579205.014141696.4	579205	4141696	0.41007	0.19052	0.15378	0.30904	0.20289	0.2396	0.38555	0.4281	0.38352	0.45222	1.11804
579225.014141696.4	579225	4141696	0.38448	0.17846	0.14584	0.28416	0.18821	0.22235	0.35537	0.39126	0.34867	0.40763	1.1199
579245.014141696.4	579245	4141696	0.36134	0.16744	0.13843	0.26225	0.17512	0.20661	0.32838	0.35872	0.31819	0.36871	1.14388
579265.014141696.4	579265	4141696	0.34043	0.15764	0.13161	0.24309	0.16351	0.19327	0.30445	0.3308	0.29159	0.33583	1.21384
579285.014141696.4	579285	4141696	0.3212	0.14858	0.12519	0.22594	0.15303	0.1809	0.28271	0.30555	0.26804	0.30672	1.31631
579305.014141696.4	579305	4141696	0.30318	0.13985	0.11914	0.21048	0.14351	0.16895	0.2628	0.28159	0.24693	0.28027	1.45048
579325.014141696.4	579325	4141696	0.28712	0.13255	0.11355	0.19667	0.13496	0.15921	0.24504	0.26224	0.22858	0.25832	1.70341
579345.014141696.4	579345	4141696	0.27207	0.12564	0.10832	0.18425	0.1272	0.1502	0.22885	0.24421	0.21205	0.23872	2.10235
578385.014141716.4	578385	4141716	0.17074	0.12403	0.13897	0.0555	0.16453	0.09276	0.04429	0.04251	0.06435	0.05996	0.07318
578405.014141716.4	578405	4141716	0.1931	0.14473	0.16298	0.06095	0.19607	0.10644	0.04812	0.04606	0.07091	0.06558	0.07773
578425.014141716.4	578425	4141716	0.22104	0.17146	0.19394	0.06747	0.2373	0.12385	0.05262	0.05021	0.07881	0.0723	0.083
578445.014141716.4	578445	4141716	0.25547	0.20542	0.23308	0.07508	0.28997	0.14563	0.05777	0.05496	0.08807	0.0801	0.08888
578465.014141716.4	578465	4141716	0.29721	0.24768	0.2814	0.08375	0.35541	0.17236	0.06348	0.0602	0.09866	0.08892	0.09521
578485.014141716.4	578485	4141716	0.35058	0.30215	0.34309	0.09421	0.43881	0.20644	0.07019	0.06635	0.11154	0.09953	0.10255
578505.014141716.4	578505	4141716	0.42219	0.37464	0.42427	0.10759	0.54767	0.25147	0.07856	0.07398	0.12821	0.11309	0.11172
578525.014141716.4	578525	4141716	0.51458	0.467	0.52634	0.12393	0.68298	0.30844	0.08844	0.08296	0.14882	0.12956	0.12244
578605.014141716.4	578605	4141716	1.2255	1.09268	1.19125	0.23674	1.47592	0.69461	0.14968	0.13798	0.30004	0.24237	0.18674
578625.014141716.4	578625	4141716	1.5561	1.3185	1.42401	0.28877	1.6868	0.83937	0.17577	0.16103	0.37621	0.29557	0.21356
578645.014141716.4	578645	4141716	1.97973	1.55591	1.66311	0.35845	1.85044	0.99919	0.2096	0.19062	0.48435	0.36922	0.24744
578665.014141716.4	578665	4141716	2.49662	1.77964	1.87532	0.4502	1.93699	1.16346	0.25261	0.22791	0.63656	0.47189	0.28847
578685.014141716.4	578685	4141716	3.12387	1.98741	2.0382	0.57754	1.97788	1.33777	0.31113	0.27816	0.86441	0.62838	0.34088
578905.014141716.4	578905	4141716	1.95292	0.84846	0.46428	2.89194	1.05263	1.67302	4.11965	4.59261	3.73796	5.58629	3.18918
578925.014141716.4	578925	4141716	1.6184	0.69244	0.39975	2.22909	0.83357	1.31798	3.65015	4.26886	2.60845	3.75711	3.56149
578945.014141716.4	578945	4141716	1.36858	0.58674	0.34923	1.70784	0.6979	1.04628	2.91782	3.56106	1.93675	2.72248	3.36012
578965.014141716.4	578965	4141716	1.17253	0.50561	0.30972	1.33424	0.59646	0.84391	2.23999	2.80749	1.50412	2.06757	2.89866
578985.014141716.4	578985	4141716	1.01187	0.4404	0.27838	1.07349	0.51653	0.69692	1.72563	2.14823	1.21687	1.63839	2.47235
579005.014141716.4	579005	4141716	0.87943	0.38743	0.25307	0.8848	0.45246	0.58763	1.35903	1.6439	1.01808	1.3459	2.12549
579025.014141716.4	579025	4141716	0.77219	0.34513	0.23234	0.7404	0.40053	0.50369	1.08256	1.29064	0.87247	1.13688	1.85732
579045.014141716.4	579045	4141716	0.68602	0.31043	0.21503	0.62774	0.35779	0.43745	0.86927	1.03886	0.76023	0.97717	1.64333
579065.014141716.4	579065	4141716	0.61629	0.28149	0.20033	0.54067	0.32213	0.38509	0.71225	0.85018	0.67015	0.8495	1.47038
579085.014141716.4	579085	4141716	0.55907	0.25746	0.18767	0.4731	0.29207	0.3439	0.59964	0.71034	0.59574	0.74618	1.33514
579105.014141716.4	579105	4141716	0.5115	0.2369	0.17663	0.41958	0.26645	0.3108	0.51794	0.60642	0.53337	0.66091	1.23249

579125.014141716.4	579125	4141716	0.47106	0.21917	0.16675	0.37589	0.24421	0.28278	0.45661	0.52848	0.47982	0.58768	1.14355
579145.014141716.4	579145	4141716	0.43649	0.20374	0.15785	0.33986	0.22484	0.25894	0.40955	0.46845	0.43378	0.52506	1.07611
579165.014141716.4	579165	4141716	0.40662	0.19017	0.1498	0.30983	0.20789	0.23915	0.37247	0.42096	0.39406	0.47256	1.03599
579185.014141716.4	579185	4141716	0.38044	0.17815	0.14239	0.28427	0.19289	0.22169	0.34205	0.3824	0.35938	0.42675	1.01226
579205.014141716.4	579205	4141716	0.35705	0.16733	0.13548	0.26208	0.17947	0.20634	0.31612	0.35012	0.32873	0.387	1.00524
579225.014141716.4	579225	4141716	0.33617	0.15756	0.12905	0.24271	0.16748	0.19272	0.29358	0.32263	0.3017	0.35234	1.01863
579245.014141716.4	579245	4141716	0.31698	0.14815	0.12299	0.22551	0.15663	0.1796	0.27342	0.29695	0.27746	0.32071	1.04149
579265.014141716.4	579265	4141716	0.30021	0.14034	0.1174	0.21032	0.14695	0.1691	0.25553	0.27695	0.25639	0.29464	1.11185
579285.014141716.4	579285	4141716	0.28456	0.13293	0.11214	0.19672	0.13817	0.15924	0.23924	0.25824	0.23734	0.27112	1.21157
579305.014141716.4	579305	4141716	0.2697	0.12561	0.10717	0.1842	0.13014	0.14961	0.22392	0.23987	0.2199	0.24939	1.34041
579325.014141716.4	579325	4141716	0.25645	0.11939	0.10252	0.17328	0.12284	0.14152	0.21069	0.2248	0.20474	0.23095	1.55928
579345.014141716.4	579345	4141716	0.24418	0.11375	0.09816	0.16314	0.11619	0.13424	0.19821	0.21137	0.19101	0.21466	1.90659
578385.014141736.4	578385	4141736	0.18549	0.13771	0.1552	0.05871	0.18475	0.10166	0.04665	0.0445	0.06703	0.06124	0.07345
578405.014141736.4	578405	4141736	0.21199	0.16232	0.18364	0.06496	0.22176	0.11781	0.05099	0.04852	0.07449	0.06754	0.07828
578425.014141736.4	578425	4141736	0.24439	0.19303	0.21896	0.07222	0.2679	0.1377	0.05593	0.05307	0.0832	0.07483	0.08362
578445.014141736.4	578445	4141736	0.28356	0.23068	0.26192	0.08051	0.32398	0.1618	0.06141	0.05812	0.09318	0.08311	0.08938
578465.014141736.4	578465	4141736	0.33247	0.27769	0.31512	0.09034	0.39294	0.19163	0.06774	0.06393	0.10509	0.09287	0.0959
578485.014141736.4	578485	4141736	0.39538	0.33745	0.38202	0.10243	0.47876	0.22932	0.07531	0.07086	0.1199	0.10487	0.10364
578505.014141736.4	578505	4141736	0.48378	0.41975	0.47009	0.11883	0.5901	0.28122	0.08541	0.08032	0.14078	0.12184	0.1143
578625.014141736.4	578625	4141736	1.66876	1.26788	1.35316	0.33055	1.50868	0.83405	0.1986	0.18062	0.44209	0.33944	0.2192
578645.014141736.4	578645	4141736	2.05608	1.4438	1.51834	0.40921	1.60282	0.96621	0.23842	0.21521	0.57167	0.4309	0.25195
578665.014141736.4	578665	4141736	2.51134	1.60547	1.64986	0.51423	1.65455	1.10421	0.29156	0.2611	0.75732	0.56626	0.29258
578865.014141736.4	578865	4141736	2.24123	1.06509	0.53476	2.87123	1.43481	1.79718	3.00656	3.10589	4.63595	6.85042	1.6488
578885.014141736.4	578885	4141736	1.84714	0.80694	0.45761	2.45715	0.99092	1.47507	3.17733	3.41488	3.29585	4.8416	1.96746
578905.014141736.4	578905	4141736	1.52938	0.63706	0.39385	1.99507	0.72954	1.19194	3.0043	3.36536	2.34579	3.32165	2.20209
578925.014141736.4	578925	4141736	1.2891	0.52879	0.34206	1.5794	0.58487	0.96143	2.55399	2.98351	1.73937	2.38712	2.24698
578945.014141736.4	578945	4141736	1.10656	0.45598	0.3007	1.24783	0.49839	0.78302	2.03835	2.47176	1.34689	1.81499	2.13659
578965.014141736.4	578965	4141736	0.95974	0.39989	0.26763	1.00444	0.43782	0.64778	1.60752	1.97342	1.07812	1.42523	1.94865
578985.014141736.4	578985	4141736	0.83723	0.35463	0.24109	0.82861	0.39047	0.54772	1.28866	1.5537	0.89199	1.16151	1.75634
579005.014141736.4	579005	4141736	0.73476	0.31688	0.21949	0.69534	0.35124	0.47023	1.04979	1.23234	0.75971	0.97631	1.57863
579025.014141736.4	579025	4141736	0.65053	0.28557	0.20169	0.58965	0.31801	0.40814	0.85711	0.99681	0.6615	0.8401	1.42471
579045.014141736.4	579045	4141736	0.58197	0.25944	0.18683	0.50573	0.28957	0.35824	0.702	0.81822	0.5854	0.73529	1.29466
579065.014141736.4	579065	4141736	0.52593	0.2377	0.17427	0.44022	0.26509	0.31889	0.58373	0.67993	0.52413	0.65257	1.18962
579085.014141736.4	579085	4141736	0.47953	0.21922	0.1635	0.38879	0.24384	0.28745	0.49575	0.57407	0.47321	0.58472	1.10518
579105.014141736.4	579105	4141736	0.44068	0.20314	0.15415	0.3476	0.22526	0.26154	0.42994	0.49375	0.43001	0.5269	1.0387
579125.014141736.4	579125	4141736	0.40745	0.18915	0.14584	0.31368	0.20877	0.23959	0.37958	0.43263	0.39225	0.47635	0.98282
579145.014141736.4	579145	4141736	0.37893	0.17685	0.13843	0.28549	0.19411	0.22099	0.34064	0.38514	0.3592	0.43243	0.9413
579165.014141736.4	579165	4141736	0.35423	0.16594	0.13174	0.26182	0.18103	0.20501	0.30993	0.34742	0.33013	0.39399	0.91747
579185.014141736.4	579185	4141736	0.33254	0.15623	0.12564	0.24164	0.16929	0.1911	0.28505	0.31689	0.30435	0.36016	0.90886
579205.014141736.4	579205	4141736	0.31313	0.14743	0.11996	0.22405	0.15861	0.17884	0.26417	0.29137	0.28118	0.33023	0.9132
579225.014141736.4	579225	4141736	0.29576	0.13947	0.11466	0.20865	0.14893	0.16792	0.24632	0.26981	0.26041	0.30365	0.93353
579245.014141736.4	579245	4141736	0.28013	0.13214	0.1097	0.19501	0.14011	0.15786	0.23065	0.25105	0.24174	0.27963	0.97104
579265.014141736.4	579265	4141736	0.26579	0.12517	0.10503	0.18284	0.13205	0.14862	0.2167	0.23382	0.22492	0.25797	1.02852
579285.014141736.4	579285	4141736	0.25288	0.11903	0.10066	0.17192	0.12472	0.14061	0.20408	0.21938	0.2097	0.23913	1.12262
579305.014141736.4	579305	4141736	0.24105	0.11354	0.09658	0.16206	0.11803	0.13356	0.19258	0.20691	0.19589	0.22255	1.26697
579325.014141736.4	579325	4141736	0.22994	0.10819	0.0927	0.15305	0.11185	0.12678	0.18198	0.19482	0.18332	0.20719	1.46643
579345.014141736.4	579345	4141736	0.21965	0.10322	0.08906	0.14485	0.10618	0.12052	0.17226	0.18376	0.17193	0.19332	1.78514
578385.014141756.4	578385	4141756	0.20404	0.15414	0.1743	0.06287	0.20786	0.11247	0.04962	0.04716	0.07113	0.06403	0.07409
578405.014141756.4	578405	4141756	0.23451	0.1819	0.20613	0.0698	0.24824	0.13064	0.05434	0.05152	0.07936	0.07092	0.07895
578425.014141756.4	578425	4141756	0.27165	0.21582	0.24475	0.07784	0.29691	0.15263	0.05967	0.05644	0.08896	0.07889	0.08431
578445.014141756.4	578445	4141756	0.31749	0.25739	0.29168	0.08733	0.35545	0.17941	0.0658	0.06207	0.10038	0.08825	0.09034
578465.014141756.4	578465	4141756	0.37422	0.3081	0.34835	0.09862	0.42527	0.21193	0.07288	0.06857	0.11409	0.09934	0.09717
578485.014141756.4	578485	4141756	0.45012	0.37403	0.42119	0.11353	0.51387	0.25423	0.08204	0.07691	0.13257	0.11406	0.10606
578845.014141756.4	578845	4141756	2.08923	0.98642	0.52178	2.30155	1.30027	1.53095	2.31031	2.35396	3.81981	5.37465	1.19636
578865.014141756.4	578865	4141756	1.75949	0.77448	0.4503	2.08119	0.94267	1.3066	2.48549	2.61292	2.92261	4.171	1.37982
578885.014141756.4	578885	4141756	1.46817	0.62224	0.3899	1.76722	0.71498	1.08924	2.46046	2.67164	2.17511	3.04353	1.53095
578905.014141756.4	578905	4141756	1.23628	0.50942	0.33901	1.45232	0.55636	0.89785	2.21675	2.49588	1.63259	2.21438	1.60526
578925.014141756.4	578925	4141756	1.05832	0.42997	0.2969	1.17506	0.45378	0.73937	1.84757	2.1611	1.26293	1.67598	1.59444
578945.014141756.4	578945	4141756	0.91917	0.37288	0.26255	0.9544	0.38724	0.61422	1.48936	1.78965	1.00428	1.31094	1.52926
578965.014141756.4	578965	4141756	0.8046	0.32938	0.23468	0.78938	0.34159	0.51926	1.20902	1.45238	0.81893	1.05264	1.43915
578985.014141756.4	578985	4141756	0.70733	0.29399	0.21189	0.66451	0.3076	0.44565	1.00067	1.17328	0.68658	0.8691	1.3344
579005.014141756.4	579005	4141756	0.62527	0.26472	0.19314	0.56529	0.28034	0.38704	0.83562	0.95865	0.59071	0.73896	1.23246
579025.014141756.4	579025	4141756	0.55721	0.24057	0.17761	0.48424	0.25735	0.33933	0.69563	0.79515	0.51889	0.64331	1.14054
579045.014141756.4	579045	4141756	0.50125	0.2205	0.16463	0.419	0.23748	0.30081	0.57971	0.66532	0.46319	0.57051	1.06157
579065.014141756.4	579065	4141756	0.45501	0.20328	0.15364	0.36743	0.22006	0.26974	0.48877	0.55979	0.41859	0.51249	0.99432
579085.014141756.4	579085	4141756	0.41639	0.18845	0.14422	0.32654	0.20467	0.24447	0.41897	0.47671	0.38172	0.46467	0.93888

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578385.014141176.41	578385	4141176
578405.014141176.41	578405	4141176
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578545.014141176.41	578545	4141176
578565.014141176.41	578565	4141176
578585.014141176.41	578585	4141176
578605.014141176.41	578605	4141176
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578645.014141176.41	578645	4141176
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 12/15/2025
** File: C:\Lakes\AERMOD View\AERMOD Projects\Cubberley Master Plan\Cubberley Master
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** AERMOD Control Pathway
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** AERMOD Source Pathway
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SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION DEMO1_1      AREAPOLY   578842.023  4141662.524        5.670
** DESCRSRC Demolition 1.1 of Phase 1
   LOCATION DEMO1_2      AREAPOLY   578870.456  4141471.734        6.230
** DESCRSRC Demolition 1.2 of Phase I
   LOCATION BC1_1        AREAPOLY   578802.052  4141609.366        6.290
** DESCRSRC New Building Construction during Phase I
   LOCATION BC1_2        AREAPOLY   578972.369  4141560.279        6.070
** DESCRSRC Renovation Building Construction for Phase I
   LOCATION GRADING      AREAPOLY   578889.000  4141676.947        5.370
** DESCRSRC Grading of Phase 1
   LOCATION PAV1_0       AREAPOLY   578724.994  4141527.776        6.280
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** DESCRSRC Paving 1.1 of Phase I
   LOCATION ARCH         AREAPOLY   578864.050  4141691.821        5.190
** DESCRSRC Architectural Coating
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** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL
** DESCRSRC Haul Route
** PREFIX HAUL
** Length of Side = 13.32
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 6.79
** SZINIT = 3.16
** Nodes = 13
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** 579490.164, 4142019.306, 3.14, 3.39, 12.39
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   LOCATION HAUL0002     VOLUME   578857.447 4141574.723 6.16
   LOCATION HAUL0003     VOLUME   578872.616 4141596.611 6.21
   LOCATION HAUL0004     VOLUME   578887.784 4141618.500 6.16
   LOCATION HAUL0005     VOLUME   578902.952 4141640.388 6.05
   LOCATION HAUL0006     VOLUME   578918.121 4141662.277 5.51
   LOCATION HAUL0007     VOLUME   578934.904 4141676.666 5.13
   LOCATION HAUL0008     VOLUME   578957.740 4141662.965 5.10
   LOCATION HAUL0009     VOLUME   578980.575 4141649.264 5.14
   LOCATION HAUL0010     VOLUME   579003.410 4141635.563 5.13
   LOCATION HAUL0011     VOLUME   579026.246 4141621.861 5.12
   LOCATION HAUL0012     VOLUME   579049.056 4141608.119 5.10
   LOCATION HAUL0013     VOLUME   579071.864 4141594.372 5.09
   LOCATION HAUL0014     VOLUME   579094.672 4141580.625 5.12
   LOCATION HAUL0015     VOLUME   579117.515 4141566.938 5.09
   LOCATION HAUL0016     VOLUME   579140.518 4141553.520 5.04
   LOCATION HAUL0017     VOLUME   579163.328 4141539.784 5.05
   LOCATION HAUL0018     VOLUME   579185.806 4141525.504 5.09
   LOCATION HAUL0019     VOLUME   579208.284 4141511.224 5.12
   LOCATION HAUL0020     VOLUME   579230.761 4141496.944 5.14
   LOCATION HAUL0021     VOLUME   579253.239 4141482.663 5.09
   LOCATION HAUL0022     VOLUME   579276.350 4141469.433 5.14
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   LOCATION HAUL0023     VOLUME   579299.472 4141456.221 5.19
   LOCATION HAUL0024     VOLUME   579322.594 4141443.009 5.12
   LOCATION HAUL0025     VOLUME   579346.056 4141430.416 5.18
   LOCATION HAUL0026     VOLUME   579354.531 4141455.216 5.10
   LOCATION HAUL0027     VOLUME   579362.797 4141480.531 4.99
   LOCATION HAUL0028     VOLUME   579371.063 4141505.846 4.85
   LOCATION HAUL0029     VOLUME   579379.329 4141531.161 4.73
   LOCATION HAUL0030     VOLUME   579387.595 4141556.476 4.61
   LOCATION HAUL0031     VOLUME   579395.861 4141581.791 4.53
   LOCATION HAUL0032     VOLUME   579404.106 4141607.113 4.44
   LOCATION HAUL0033     VOLUME   579412.288 4141632.455 4.35
   LOCATION HAUL0034     VOLUME   579420.469 4141657.798 4.26
   LOCATION HAUL0035     VOLUME   579428.651 4141683.140 4.17
   LOCATION HAUL0036     VOLUME   579436.832 4141708.483 4.09
   LOCATION HAUL0037     VOLUME   579445.013 4141733.825 3.96
   LOCATION HAUL0038     VOLUME   579452.597 4141759.343 3.86
   LOCATION HAUL0039     VOLUME   579459.426 4141785.083 3.81
   LOCATION HAUL0040     VOLUME   579465.275 4141811.001 3.78
   LOCATION HAUL0041     VOLUME   579467.925 4141837.499 3.73
   LOCATION HAUL0042     VOLUME   579470.574 4141863.998 3.76
   LOCATION HAUL0043     VOLUME   579473.224 4141890.496 3.61
   LOCATION HAUL0044     VOLUME   579475.874 4141916.994 3.58
   LOCATION HAUL0045     VOLUME   579478.524 4141943.492 3.46
   LOCATION HAUL0046     VOLUME   579482.550 4141969.816 3.29
   LOCATION HAUL0047     VOLUME   579486.599 4141996.137 3.23
** End of LINE VOLUME Source ID = HAUL
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** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAULDUST
** DESCRSRC Haul Route Dust
** PREFIX HAUL
** Length of Side = 13.32
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 6.79
** SZINIT = 3.16
** Nodes = 13
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   LOCATION HAUL0052     VOLUME   578902.952 4141640.388 6.05
   LOCATION HAUL0053     VOLUME   578918.121 4141662.277 5.51
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   LOCATION HAUL0055     VOLUME   578957.740 4141662.965 5.10
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   LOCATION HAUL0059     VOLUME   579049.056 4141608.119 5.10
   LOCATION HAUL0060     VOLUME   579071.864 4141594.372 5.09
   LOCATION HAUL0061     VOLUME   579094.672 4141580.625 5.12
   LOCATION HAUL0062     VOLUME   579117.515 4141566.938 5.09
   LOCATION HAUL0063     VOLUME   579140.518 4141553.520 5.04
   LOCATION HAUL0064     VOLUME   579163.328 4141539.784 5.05
   LOCATION HAUL0065     VOLUME   579185.806 4141525.504 5.09
   LOCATION HAUL0066     VOLUME   579208.284 4141511.224 5.12
   LOCATION HAUL0067     VOLUME   579230.761 4141496.944 5.14
   LOCATION HAUL0068     VOLUME   579253.239 4141482.663 5.09
   LOCATION HAUL0069     VOLUME   579276.350 4141469.433 5.14
   LOCATION HAUL0070     VOLUME   579299.472 4141456.221 5.19
   LOCATION HAUL0071     VOLUME   579322.594 4141443.009 5.12
   LOCATION HAUL0072     VOLUME   579346.056 4141430.416 5.18
   LOCATION HAUL0073     VOLUME   579354.531 4141455.216 5.10
   LOCATION HAUL0074     VOLUME   579362.797 4141480.531 4.99
   LOCATION HAUL0075     VOLUME   579371.063 4141505.846 4.85
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   LOCATION HAUL0077     VOLUME   579387.595 4141556.476 4.61
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   LOCATION HAUL0084     VOLUME   579445.013 4141733.825 3.96
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   LOCATION HAUL0086     VOLUME   579459.426 4141785.083 3.81
   LOCATION HAUL0087     VOLUME   579465.275 4141811.001 3.78
   LOCATION HAUL0088     VOLUME   579467.925 4141837.499 3.73
   LOCATION HAUL0089     VOLUME   579470.574 4141863.998 3.76
   LOCATION HAUL0090     VOLUME   579473.224 4141890.496 3.61
   LOCATION HAUL0091     VOLUME   579475.874 4141916.994 3.58
   LOCATION HAUL0092     VOLUME   579478.524 4141943.492 3.46
   LOCATION HAUL0093     VOLUME   579482.550 4141969.816 3.29
   LOCATION HAUL0094     VOLUME   579486.599 4141996.137 3.23
** End of LINE VOLUME Source ID = HAULDUST
   LOCATION DEMO2_1      AREAPOLY   578957.391  4141618.552        6.010
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** DESCRSRC Demolition of Phase II
   LOCATION CONSTR2_1    AREAPOLY   578951.873  4141644.637        5.380
** DESCRSRC Grading, Building Construction, Paving and AC of Phase II
   LOCATION DEMO3_1      AREAPOLY   578949.597  4141634.104        5.860
** DESCRSRC Demolition of Phase III
   LOCATION CONSTR3_1    AREAPOLY   578864.655  4141692.292        5.190
** DESCRSRC Grading, Building Construction, Paving, & AC of Phase III
   LOCATION DEMO1_1D     AREAPOLY   578842.023  4141662.524        5.670
** DESCRSRC Demolition 1.1 of Phase 1 Dust
   LOCATION DEMO1_2D     AREAPOLY   578870.456  4141471.734        6.230
** DESCRSRC Demolition 1.2 of Phase I Dust
   LOCATION BC1_1D       AREAPOLY   578802.052  4141609.366        6.290
** DESCRSRC New Building Construction during Phase I Dust
   LOCATION BC1_2D       AREAPOLY   578972.369  4141560.279        6.070
** DESCRSRC Renovation Building Construction for Phase I Dust
   LOCATION GRADINGD     AREAPOLY   578889.000  4141676.947        5.370
** DESCRSRC Grading of Phase 1 Dust
   LOCATION PAV1_0D      AREAPOLY   578724.994  4141527.776        6.280
** DESCRSRC Paving 1.1 of Phase I Dust
   LOCATION ARCHD        AREAPOLY   578864.050  4141691.821        5.190
** DESCRSRC Architectural Coating Dust
   LOCATION DEMO2_1D     AREAPOLY   578957.391  4141618.552        6.010
** DESCRSRC Demolition of Phase II Dust
   LOCATION CONSTR2_1D   AREAPOLY   578951.873  4141644.637        5.380
** DESCRSRC Grading, Building Construction, Paving and AC of Phase II Dust
   LOCATION DEMO3_1D     AREAPOLY   578949.597  4141634.104        5.860
** DESCRSRC Demolition of Phase III Dust
   LOCATION CONSTR3_1D   AREAPOLY   578864.655  4141692.292        5.190
** DESCRSRC Grading, Building Construction, Paving, & AC of Phase III Dust
** Source Parameters **
   SRCPARAM DEMO1_1      0.0001158027     5.000        12     1.400
   AREAVERT DEMO1_1      578842.023 4141662.524 578860.979 4141649.749
   AREAVERT DEMO1_1      578827.189 4141608.130 578888.175 4141554.149
   AREAVERT DEMO1_1      578847.380 4141499.755 578821.420 4141507.584
   AREAVERT DEMO1_1      578775.267 4141542.611 578787.218 4141557.033
   AREAVERT DEMO1_1      578791.750 4141553.737 578814.002 4141581.345
   AREAVERT DEMO1_1      578783.097 4141606.482 578794.223 4141619.256
   SRCPARAM DEMO1_2      0.000085988     5.000        20     1.400
   AREAVERT DEMO1_2      578870.456 4141471.734 578881.582 4141462.256
   AREAVERT DEMO1_2      578901.774 4141489.041 578952.047 4141451.130
   AREAVERT DEMO1_2      578963.173 4141464.729 578984.188 4141454.839
   AREAVERT DEMO1_2      579001.907 4141477.503 579012.209 4141519.947
   AREAVERT DEMO1_2      578989.133 4141533.957 578962.761 4141567.747
   AREAVERT DEMO1_2      578931.443 4141590.823 578921.553 4141575.164
   AREAVERT DEMO1_2      578903.010 4141587.114 578893.532 4141576.401
   AREAVERT DEMO1_2      578876.637 4141588.763 578867.572 4141576.401
   AREAVERT DEMO1_2      578879.522 4141568.159 578896.417 4141555.797
   AREAVERT DEMO1_2      578902.186 4141511.293 578869.220 4141471.734
   SRCPARAM BC1_1        0.0000674085     5.000        10     1.400
   AREAVERT BC1_1        578802.052 4141609.366 578881.995 4141548.379
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AREAVERT BC1_1       578896.829 4141543.435 578901.379 4141509.080
AREAVERT BC1_1       578920.766 4141513.027 578926.170 4141492.407
AREAVERT BC1_1       578851.960 4141480.665 578841.602 4141491.583
AREAVERT BC1_1       578814.002 4141461.020 578726.231 4141525.715
SRCPARAM BC1_2       0.0000587823     5.000        23     1.400
AREAVERT BC1_2       578972.369 4141560.279 578932.319 4141590.180
AREAVERT BC1_2       578921.554 4141577.637 578903.010 4141589.999
AREAVERT BC1_2       578892.709 4141578.873 578875.401 4141590.823
AREAVERT BC1_2       578865.100 4141577.225 578834.194 4141601.537
AREAVERT BC1_2       578867.572 4141641.920 578874.989 4141638.212
AREAVERT BC1_2       578895.593 4141671.178 579016.331 4141578.873
AREAVERT BC1_2       579021.688 4141582.994 579038.583 4141569.395
AREAVERT BC1_2       579014.683 4141533.957 579028.281 4141505.936
AREAVERT BC1_2       579015.095 4141486.156 579034.874 4141459.371
AREAVERT BC1_2       579011.798 4141425.993 578981.305 4141448.657
AREAVERT BC1_2       578965.507 4141462.201 578957.835 4141507.612
AREAVERT BC1_2       578953.696 4141526.540
SRCPARAM GRADING     0.0000408907     5.000        17     1.400
AREAVERT GRADING     578889.000 4141676.947 578829.735 4141607.059
AREAVERT GRADING     578896.402 4141554.972 578901.401 4141509.405
AREAVERT GRADING     578972.662 4141554.724 578990.054 4141531.979
AREAVERT GRADING     578967.052 4141505.141 578920.719 4141489.950
AREAVERT GRADING     578850.099 4141481.313 578837.079 4141488.629
AREAVERT GRADING     578814.002 4141459.783 578703.154 4141550.028
AREAVERT GRADING     578725.496 4141572.164 578759.352 4141595.092
AREAVERT GRADING     578800.983 4141628.165 578817.193 4141639.661
AREAVERT GRADING     578865.526 4141690.944
SRCPARAM PAV1_0      0.0001062125     5.000        24     1.400
AREAVERT PAV1_0      578724.994 4141527.776 578701.918 4141550.028
AREAVERT PAV1_0      578730.351 4141575.576 578744.774 4141583.818
AREAVERT PAV1_0      578763.729 4141596.180 578777.328 4141606.482
AREAVERT PAV1_0      578791.338 4141616.784 578807.821 4141630.794
AREAVERT PAV1_0      578821.420 4141642.744 578834.194 4141653.870
AREAVERT PAV1_0      578848.205 4141665.409 578861.803 4141686.424
AREAVERT PAV1_0      578865.100 4141690.545 578887.764 4141674.474
AREAVERT PAV1_0      578871.693 4141651.810 578829.661 4141605.658
AREAVERT PAV1_0      578810.706 4141620.905 578802.464 4141612.251
AREAVERT PAV1_0      578785.569 4141594.532 578750.131 4141553.324
AREAVERT PAV1_0      578837.491 4141487.805 578814.008 4141458.976
AREAVERT PAV1_0      578737.724 4141517.096 578724.582 4141526.952
SRCPARAM ARCH        0.0000209429     5.000        19     1.400
AREAVERT ARCH        578864.050 4141691.821 579037.703 4141570.950
AREAVERT ARCH        579015.534 4141535.058 579027.674 4141504.972
AREAVERT ARCH        579016.062 4141488.082 579034.536 4141455.885
AREAVERT ARCH        579011.840 4141425.271 578964.336 4141463.802
AREAVERT ARCH        578952.724 4141450.607 578902.053 4141488.610
AREAVERT ARCH        578882.523 4141462.219 578843.464 4141489.665
AREAVERT ARCH        578813.906 4141460.635 578701.480 4141549.837
AREAVERT ARCH        578734.205 4141578.867 578761.124 4141595.230
AREAVERT ARCH        578783.293 4141614.231 578811.267 4141635.872
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   AREAVERT ARCH         578842.409 4141662.791
** LINE VOLUME Source ID = HAUL
   SRCPARAM HAUL0001     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0002     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0003     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0004     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0005     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0006     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0007     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0008     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0009     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0010     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0011     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0012     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0013     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0014     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0015     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0016     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0017     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0018     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0019     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0020     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0021     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0022     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0023     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0024     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0025     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0026     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0027     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0028     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0029     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0030     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0031     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0032     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0033     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0034     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0035     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0036     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0037     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0038     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0039     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0040     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0041     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0042     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0043     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0044     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0045     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0046     0.0212765957      3.39     12.39      3.16
   SRCPARAM HAUL0047     0.0212765957      3.39     12.39      3.16
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** LINE VOLUME Source ID = HAULDUST
   SRCPARAM HAUL0048     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0049     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0050     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0051     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0052     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0053     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0054     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0055     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0056     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0057     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0058     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0059     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0060     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0061     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0062     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0063     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0064     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0065     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0066     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0067     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0068     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0069     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0070     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0071     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0072     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0073     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0074     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0075     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0076     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0077     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0078     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0079     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0080     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0081     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0082     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0083     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0084     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0085     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0086     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0087     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0088     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0089     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0090     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0091     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0092     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0093     0.0212765957      0.00     12.39      3.16
   SRCPARAM HAUL0094     0.0212765957      0.00     12.39      3.16
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   SRCPARAM DEMO2_1      0.0002871213     5.000         8     1.400
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AREAVERT DEMO2_1      578957.391 4141618.552 578985.984 4141601.496
AREAVERT DEMO2_1      579024.609 4141580.930 579038.655 4141569.894
AREAVERT DEMO2_1      579023.104 4141549.327 579009.058 4141539.294
AREAVERT DEMO2_1      578976.954 4141564.877 578937.827 4141593.470
SRCPARAM CONSTR2_1    0.0001405051     5.000         4     1.400
AREAVERT CONSTR2_1    578951.873 4141644.637 579071.762 4141564.877
AREAVERT CONSTR2_1    579042.668 4141525.249 578922.778 4141604.005
SRCPARAM DEMO3_1      0.0001008975     5.000        11     1.400
AREAVERT DEMO3_1      578949.597 4141634.104 578854.622 4141698.981
AREAVERT DEMO3_1      578843.252 4141675.572 578835.226 4141666.877
AREAVERT DEMO3_1      578826.531 4141656.844 578820.512 4141649.487
AREAVERT DEMO3_1      578853.285 4141623.402 578834.557 4141601.331
AREAVERT DEMO3_1      578896.759 4141554.512 578898.766 4141553.844
AREAVERT DEMO3_1      578955.617 4141629.422
SRCPARAM CONSTR3_1    0.0002144199     5.000        10     1.400
AREAVERT CONSTR3_1    578864.655 4141692.292 578955.617 4141631.428
AREAVERT CONSTR3_1    578935.551 4141598.656 578927.525 4141589.292
AREAVERT CONSTR3_1    578914.149 4141586.617 578914.818 4141597.987
AREAVERT CONSTR3_1    578924.181 4141616.714 578867.999 4141654.838
AREAVERT CONSTR3_1    578845.928 4141631.428 578822.518 4141648.149
SRCPARAM DEMO1_1D     0.0001158027     0.000        12     1.400
AREAVERT DEMO1_1D     578842.023 4141662.524 578860.979 4141649.749
AREAVERT DEMO1_1D     578827.189 4141608.130 578888.175 4141554.149
AREAVERT DEMO1_1D     578847.380 4141499.755 578821.420 4141507.584
AREAVERT DEMO1_1D     578775.267 4141542.611 578787.218 4141557.033
AREAVERT DEMO1_1D     578791.750 4141553.737 578814.002 4141581.345
AREAVERT DEMO1_1D     578783.097 4141606.482 578794.223 4141619.256
SRCPARAM DEMO1_2D     0.000085988     0.000        20     1.400
AREAVERT DEMO1_2D     578870.456 4141471.734 578881.582 4141462.256
AREAVERT DEMO1_2D     578901.774 4141489.041 578952.047 4141451.130
AREAVERT DEMO1_2D     578963.173 4141464.729 578984.188 4141454.839
AREAVERT DEMO1_2D     579001.907 4141477.503 579012.209 4141519.947
AREAVERT DEMO1_2D     578989.133 4141533.957 578962.761 4141567.747
AREAVERT DEMO1_2D     578931.443 4141590.823 578921.553 4141575.164
AREAVERT DEMO1_2D     578903.010 4141587.114 578893.532 4141576.401
AREAVERT DEMO1_2D     578876.637 4141588.763 578867.572 4141576.401
AREAVERT DEMO1_2D     578879.522 4141568.159 578896.417 4141555.797
AREAVERT DEMO1_2D     578902.186 4141511.293 578869.220 4141471.734
SRCPARAM BC1_1D       0.0000674085     0.000        10     1.400
AREAVERT BC1_1D       578802.052 4141609.366 578881.995 4141548.379
AREAVERT BC1_1D       578896.829 4141543.435 578901.379 4141509.080
AREAVERT BC1_1D       578920.766 4141513.027 578926.170 4141492.407
AREAVERT BC1_1D       578851.960 4141480.665 578841.602 4141491.583
AREAVERT BC1_1D       578814.002 4141461.020 578726.231 4141525.715
SRCPARAM BC1_2D       0.0000587823     0.000        23     1.400
AREAVERT BC1_2D       578972.369 4141560.279 578932.319 4141590.180
AREAVERT BC1_2D       578921.554 4141577.637 578903.010 4141589.999
AREAVERT BC1_2D       578892.709 4141578.873 578875.401 4141590.823
AREAVERT BC1_2D       578865.100 4141577.225 578834.194 4141601.537
AREAVERT BC1_2D       578867.572 4141641.920 578874.989 4141638.212
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AREAVERT BC1_2D       578895.593 4141671.178 579016.331 4141578.873
AREAVERT BC1_2D       579021.688 4141582.994 579038.583 4141569.395
AREAVERT BC1_2D       579014.683 4141533.957 579028.281 4141505.936
AREAVERT BC1_2D       579015.095 4141486.156 579034.874 4141459.371
AREAVERT BC1_2D       579011.798 4141425.993 578981.305 4141448.657
AREAVERT BC1_2D       578965.507 4141462.201 578957.835 4141507.612
AREAVERT BC1_2D       578953.696 4141526.540
SRCPARAM GRADINGD     0.0000408907     0.000        17     1.400
AREAVERT GRADINGD     578889.000 4141676.947 578829.735 4141607.059
AREAVERT GRADINGD     578896.402 4141554.972 578901.401 4141509.405
AREAVERT GRADINGD     578972.662 4141554.724 578990.054 4141531.979
AREAVERT GRADINGD     578967.052 4141505.141 578920.719 4141489.950
AREAVERT GRADINGD     578850.099 4141481.313 578837.079 4141488.629
AREAVERT GRADINGD     578814.002 4141459.783 578703.154 4141550.028
AREAVERT GRADINGD     578725.496 4141572.164 578759.352 4141595.092
AREAVERT GRADINGD     578800.983 4141628.165 578817.193 4141639.661
AREAVERT GRADINGD     578865.526 4141690.944
SRCPARAM PAV1_0D      0.0001062125     0.000        24     1.400
AREAVERT PAV1_0D      578724.994 4141527.776 578701.918 4141550.028
AREAVERT PAV1_0D      578730.351 4141575.576 578744.774 4141583.818
AREAVERT PAV1_0D      578763.729 4141596.180 578777.328 4141606.482
AREAVERT PAV1_0D      578791.338 4141616.784 578807.821 4141630.794
AREAVERT PAV1_0D      578821.420 4141642.744 578834.194 4141653.870
AREAVERT PAV1_0D      578848.205 4141665.409 578861.803 4141686.424
AREAVERT PAV1_0D      578865.100 4141690.545 578887.764 4141674.474
AREAVERT PAV1_0D      578871.693 4141651.810 578829.661 4141605.658
AREAVERT PAV1_0D      578810.706 4141620.905 578802.464 4141612.251
AREAVERT PAV1_0D      578785.569 4141594.532 578750.131 4141553.324
AREAVERT PAV1_0D      578837.491 4141487.805 578814.008 4141458.976
AREAVERT PAV1_0D      578737.724 4141517.096 578724.582 4141526.952
SRCPARAM ARCHD        0.0000209429     0.000        19     1.400
AREAVERT ARCHD        578864.050 4141691.821 579037.703 4141570.950
AREAVERT ARCHD        579015.534 4141535.058 579027.674 4141504.972
AREAVERT ARCHD        579016.062 4141488.082 579034.536 4141455.885
AREAVERT ARCHD        579011.840 4141425.271 578964.336 4141463.802
AREAVERT ARCHD        578952.724 4141450.607 578902.053 4141488.610
AREAVERT ARCHD        578882.523 4141462.219 578843.464 4141489.665
AREAVERT ARCHD        578813.906 4141460.635 578701.480 4141549.837
AREAVERT ARCHD        578734.205 4141578.867 578761.124 4141595.230
AREAVERT ARCHD        578783.293 4141614.231 578811.267 4141635.872
AREAVERT ARCHD        578842.409 4141662.791
SRCPARAM DEMO2_1D     0.0002871213     0.000         8     1.400
AREAVERT DEMO2_1D     578957.391 4141618.552 578985.984 4141601.496
AREAVERT DEMO2_1D     579024.609 4141580.930 579038.655 4141569.894
AREAVERT DEMO2_1D     579023.104 4141549.327 579009.058 4141539.294
AREAVERT DEMO2_1D     578976.954 4141564.877 578937.827 4141593.470
SRCPARAM CONSTR2_1D   0.0001405051     0.000         4     1.400
AREAVERT CONSTR2_1D   578951.873 4141644.637 579071.762 4141564.877
AREAVERT CONSTR2_1D   579042.668 4141525.249 578922.778 4141604.005
SRCPARAM DEMO3_1D     0.0001008975     0.000        11     1.400
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   AREAVERT DEMO3_1D     578949.597 4141634.104 578854.622 4141698.981
   AREAVERT DEMO3_1D     578843.252 4141675.572 578835.226 4141666.877
   AREAVERT DEMO3_1D     578826.531 4141656.844 578820.512 4141649.487
   AREAVERT DEMO3_1D     578853.285 4141623.402 578834.557 4141601.331
   AREAVERT DEMO3_1D     578896.759 4141554.512 578898.766 4141553.844
   AREAVERT DEMO3_1D     578955.617 4141629.422
   SRCPARAM CONSTR3_1D   0.0002144199     0.000        10     1.400
   AREAVERT CONSTR3_1D   578864.655 4141692.292 578955.617 4141631.428
   AREAVERT CONSTR3_1D   578935.551 4141598.656 578927.525 4141589.292
   AREAVERT CONSTR3_1D   578914.149 4141586.617 578914.818 4141597.987
   AREAVERT CONSTR3_1D   578924.181 4141616.714 578867.999 4141654.838
   AREAVERT CONSTR3_1D   578845.928 4141631.428 578822.518 4141648.149
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT ARCH         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT ARCH         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT ARCH         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT ARCH         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT ARCH         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT ARCH         HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT ARCH         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT ARCH         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT ARCH         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT ARCH         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT ARCH         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT ARCH         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT BC1_1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_1        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT BC1_1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1        HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT BC1_1        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT BC1_1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT BC1_2        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_2        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT BC1_2        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT BC1_2        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2        HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT BC1_2        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_2        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT BC1_2        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR2_1    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CONSTR2_1    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR2_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR3_1    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CONSTR3_1    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT DEMO1_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT DEMO1_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1      HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT DEMO1_1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT DEMO1_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT DEMO1_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_2      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT DEMO1_2      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_2      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO2_1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT DEMO2_1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT DEMO3_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO3_1      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO3_1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO3_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT DEMO3_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO3_1      HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT DEMO3_1      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO3_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT DEMO3_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO3_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO3_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT DEMO3_1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT GRADING      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADING      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT GRADING      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GRADING      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT GRADING      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADING      HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT GRADING      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GRADING      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT GRADING      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADING      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADING      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADING      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0001     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0007     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0008     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0009     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0010     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0011     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0013     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0014     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0015     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0018     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0021     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0023     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0024     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0025     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0026     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0027     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0046     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT HAUL0043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0044     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0044     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0045     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0045     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0046     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0046     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0047     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0047     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT HAUL0039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT HAUL0040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAV1_0       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAV1_0       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAV1_0       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAV1_0       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0       HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT PAV1_0       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAV1_0       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAV1_0       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT ARCHD        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT ARCHD        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT ARCHD        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT ARCHD        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT ARCHD        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT ARCHD        HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT ARCHD        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT ARCHD        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT ARCHD        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT ARCHD        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT ARCHD        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT ARCHD        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT BC1_1D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1D       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_1D       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_1D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT BC1_1D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1D       HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT BC1_1D       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_1D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT BC1_1D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_1D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT BC1_2D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2D       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_2D       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_2D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT BC1_2D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2D       HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT BC1_2D       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT BC1_2D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT BC1_2D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT BC1_2D       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR2_1D   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CONSTR2_1D   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR2_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR3_1D   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT CONSTR3_1D   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT CONSTR3_1D   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_1D     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT DEMO1_1D     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_2D     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT DEMO1_2D     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO1_2D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO2_1D     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT DEMO2_1D     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO2_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO3_1D     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT DEMO3_1D     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT DEMO3_1D     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT GRADINGD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADINGD     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT GRADINGD     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GRADINGD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT GRADINGD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADINGD     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT GRADINGD     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GRADINGD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT GRADINGD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADINGD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADINGD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GRADINGD     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT HAUL0048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0048     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0048     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0049     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0049     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0050     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0050     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0051     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0051     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0052     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0052     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0053     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0053     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0054     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0055     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0056     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0056     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0057     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0057     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0058     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0058     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0059     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0059     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0060     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0060     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0061     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0061     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0062     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0062     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0063     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0063     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0064     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0064     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0064     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0065     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0065     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0065     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0066     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0066     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0066     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0067     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0067     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0067     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0068     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0068     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0068     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0069     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0069     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0069     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0070     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0070     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0070     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0071     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0071     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0072     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0072     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0073     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0073     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0074     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0074     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0075     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0075     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0076     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0076     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0077     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0077     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0078     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0078     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0079     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0079     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0080     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0080     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0081     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0081     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0082     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0082     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0083     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0083     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0084     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0084     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0084     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0085     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0085     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT HAUL0085     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0086     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0086     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0086     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0087     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0087     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0088     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0088     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0088     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0088     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0089     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0089     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0089     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0089     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0090     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0090     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0090     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0090     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0091     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0091     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0091     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0091     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0092     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0092     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0092     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0092     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0093     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0093     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0094     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0094     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT HAUL0048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0048     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0048     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0049     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0049     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0050     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0050     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0051     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0051     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0052     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0052     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0053     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0053     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0054     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0055     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0056     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0056     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0057     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0057     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0058     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0059     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0059     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0061     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0061     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0063     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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EMISFACT HAUL0065     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0069     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0069     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0070     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0070     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0075     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0079     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0081     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0082     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0082     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0082     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0083     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0083     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0083     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT HAUL0087     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT HAUL0087     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT HAUL0087     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0088     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0088     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
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   EMISFACT HAUL0088     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0088     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0089     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0089     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0089     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0089     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0090     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0090     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0090     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0090     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0091     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0091     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0091     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0091     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0092     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0092     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0092     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0092     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0093     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0093     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0094     HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT HAUL0094     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HAUL0094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT HAUL0048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT HAUL0053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT HAUL0056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT HAUL0091     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT HAUL0094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAV1_0D      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 0.0 1.0 1.0 1.0
   EMISFACT PAV1_0D      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAV1_0D      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP SRCGP2   ARCHD
   SRCGROUP SRCGP3   BC1_1
   SRCGROUP SRCGP4   BC1_1D
   SRCGROUP SRCGP5   BC1_2
   SRCGROUP SRCGP6   BC1_2D
   SRCGROUP SRCGP7   CONSTR2_1
   SRCGROUP SRCGP8   CONSTR2_1D
   SRCGROUP SRCGP9   CONSTR3_1
   SRCGROUP SRCGP10  CONSTR3_1D
   SRCGROUP SRCGP11  DEMO1_1 DEMO1_2
   SRCGROUP SRCGP14  DEMO1_2D DEMO1_1D
   SRCGROUP SRCGP15  DEMO2_1
   SRCGROUP SRCGP16  DEMO2_1D
   SRCGROUP SRCGP17  DEMO3_1
   SRCGROUP SRCGP18  DEMO3_1D
   SRCGROUP SRCGP19  GRADING
   SRCGROUP SRCGP20  GRADINGD
   SRCGROUP SRCGP21  HAUL0001 HAUL0002 HAUL0003 HAUL0004 HAUL0005 HAUL0006
   SRCGROUP SRCGP21  HAUL0007 HAUL0008 HAUL0009 HAUL0010 HAUL0011 HAUL0012
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   SRCGROUP SRCGP21  HAUL0043 HAUL0044 HAUL0045 HAUL0046 HAUL0047
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   SRCGROUP SRCGP22  HAUL0078 HAUL0079 HAUL0080 HAUL0081 HAUL0082 HAUL0083
   SRCGROUP SRCGP22  HAUL0084 HAUL0085 HAUL0086 HAUL0087 HAUL0088 HAUL0089
   SRCGROUP SRCGP22  HAUL0090 HAUL0091 HAUL0092 HAUL0093 HAUL0094
   SRCGROUP SRCGP23  PAV1_0
   SRCGROUP SRCGP24  PAV1_0D
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Cubberley Master Plan.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "MET\Moffet Field NAS KNUQ zip\KNUQ_2009 - Copy.SFC"
   PROFFILE "MET\Moffet Field NAS KNUQ zip\KNUQ_2009 - Copy.PFL"
   SURFDATA 23244 2009
   UAIRDATA 23230 2009 OAKLAND/WSO_AP
   PROFBASE 11.9 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
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   PLOTFILE 1 ALL 1ST "Cubberley Master Plan.AD\01H1GALL.PLT" 31
   PLOTFILE 1 SRCGP1 1ST "Cubberley Master Plan.AD\01H1G001.PLT" 32
   PLOTFILE 1 SRCGP2 1ST "Cubberley Master Plan.AD\01H1G002.PLT" 33
   PLOTFILE 1 SRCGP3 1ST "Cubberley Master Plan.AD\01H1G003.PLT" 34
   PLOTFILE 1 SRCGP4 1ST "Cubberley Master Plan.AD\01H1G004.PLT" 35
   PLOTFILE 1 SRCGP5 1ST "Cubberley Master Plan.AD\01H1G005.PLT" 36
   PLOTFILE 1 SRCGP6 1ST "Cubberley Master Plan.AD\01H1G006.PLT" 37
   PLOTFILE 1 SRCGP7 1ST "Cubberley Master Plan.AD\01H1G007.PLT" 38
   PLOTFILE 1 SRCGP8 1ST "Cubberley Master Plan.AD\01H1G008.PLT" 39
   PLOTFILE 1 SRCGP9 1ST "Cubberley Master Plan.AD\01H1G009.PLT" 40
   PLOTFILE 1 SRCGP10 1ST "Cubberley Master Plan.AD\01H1G010.PLT" 41
   PLOTFILE 1 SRCGP11 1ST "Cubberley Master Plan.AD\01H1G011.PLT" 42
   PLOTFILE 1 SRCGP14 1ST "Cubberley Master Plan.AD\01H1G012.PLT" 43
   PLOTFILE 1 SRCGP15 1ST "Cubberley Master Plan.AD\01H1G013.PLT" 44
   PLOTFILE 1 SRCGP16 1ST "Cubberley Master Plan.AD\01H1G014.PLT" 45
   PLOTFILE 1 SRCGP17 1ST "Cubberley Master Plan.AD\01H1G015.PLT" 46
   PLOTFILE 1 SRCGP18 1ST "Cubberley Master Plan.AD\01H1G016.PLT" 47
   PLOTFILE 1 SRCGP19 1ST "Cubberley Master Plan.AD\01H1G017.PLT" 48
   PLOTFILE 1 SRCGP20 1ST "Cubberley Master Plan.AD\01H1G018.PLT" 49
   PLOTFILE 1 SRCGP21 1ST "Cubberley Master Plan.AD\01H1G019.PLT" 50
   PLOTFILE 1 SRCGP22 1ST "Cubberley Master Plan.AD\01H1G020.PLT" 51
   PLOTFILE 1 SRCGP23 1ST "Cubberley Master Plan.AD\01H1G021.PLT" 52
   PLOTFILE 1 SRCGP24 1ST "Cubberley Master Plan.AD\01H1G022.PLT" 53
   PLOTFILE PERIOD ALL "Cubberley Master Plan.AD\PE00GALL.PLT" 54
   PLOTFILE PERIOD SRCGP1 "Cubberley Master Plan.AD\PE00G001.PLT" 55
   PLOTFILE PERIOD SRCGP2 "Cubberley Master Plan.AD\PE00G002.PLT" 56
   PLOTFILE PERIOD SRCGP3 "Cubberley Master Plan.AD\PE00G003.PLT" 57
   PLOTFILE PERIOD SRCGP4 "Cubberley Master Plan.AD\PE00G004.PLT" 58
   PLOTFILE PERIOD SRCGP5 "Cubberley Master Plan.AD\PE00G005.PLT" 59
   PLOTFILE PERIOD SRCGP6 "Cubberley Master Plan.AD\PE00G006.PLT" 60
   PLOTFILE PERIOD SRCGP7 "Cubberley Master Plan.AD\PE00G007.PLT" 61
   PLOTFILE PERIOD SRCGP8 "Cubberley Master Plan.AD\PE00G008.PLT" 62
   PLOTFILE PERIOD SRCGP9 "Cubberley Master Plan.AD\PE00G009.PLT" 63
   PLOTFILE PERIOD SRCGP10 "Cubberley Master Plan.AD\PE00G010.PLT" 64
   PLOTFILE PERIOD SRCGP11 "Cubberley Master Plan.AD\PE00G011.PLT" 65
   PLOTFILE PERIOD SRCGP14 "Cubberley Master Plan.AD\PE00G012.PLT" 66
   PLOTFILE PERIOD SRCGP15 "Cubberley Master Plan.AD\PE00G013.PLT" 67
   PLOTFILE PERIOD SRCGP16 "Cubberley Master Plan.AD\PE00G014.PLT" 68
   PLOTFILE PERIOD SRCGP17 "Cubberley Master Plan.AD\PE00G015.PLT" 69
   PLOTFILE PERIOD SRCGP18 "Cubberley Master Plan.AD\PE00G016.PLT" 70
   PLOTFILE PERIOD SRCGP19 "Cubberley Master Plan.AD\PE00G017.PLT" 71
   PLOTFILE PERIOD SRCGP20 "Cubberley Master Plan.AD\PE00G018.PLT" 72
   PLOTFILE PERIOD SRCGP21 "Cubberley Master Plan.AD\PE00G019.PLT" 73
   PLOTFILE PERIOD SRCGP22 "Cubberley Master Plan.AD\PE00G020.PLT" 74
   PLOTFILE PERIOD SRCGP23 "Cubberley Master Plan.AD\PE00G021.PLT" 75
   PLOTFILE PERIOD SRCGP24 "Cubberley Master Plan.AD\PE00G022.PLT" 76
   SUMMFILE "Cubberley Master Plan.sum"
OU FINISHED
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 *** Message Summary For AERMOD Model Setup ***

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

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


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


   ********   WARNING MESSAGES   ********
ME W186    2038       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187    2038       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
*** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***       15:03:32

                                    PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   116 Source(s),
        for Total of    1 Urban Area(s):
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   Urban Population =   1936259.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_10

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

 **This Run Includes:    116 Source(s);      23 Source Group(s); and    1458
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     94 VOLUME source(s)
                 and:     22 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  18081

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

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    11.90 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      5.3 MB of RAM.
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
HAUL0001	0	0.21277E-01	578842.3	4141552.8	6.1	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0002	0	0.21277E-01	578857.4	4141574.7	6.2	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0003	0	0.21277E-01	578872.6	4141596.6	6.2	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0004	0	0.21277E-01	578887.8	4141618.5	6.2	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0005	0	0.21277E-01	578903.0	4141640.4	6.0	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0006	0	0.21277E-01	578918.1	4141662.3	5.5	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0007	0	0.21277E-01	578934.9	4141676.7	5.1	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0008	0	0.21277E-01	578957.7	4141663.0	5.1	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0009	0	0.21277E-01	578980.6	4141649.3	5.1	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0010	0	0.21277E-01	579003.4	4141635.6	5.1	3.39	12.39	3.16	YES	HRDOW	NO

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 HAUL0011         0   0.21277E-01  579026.2 4141621.9     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0012         0   0.21277E-01  579049.1 4141608.1     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0013         0   0.21277E-01  579071.9 4141594.4     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0014         0   0.21277E-01  579094.7 4141580.6     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0015         0   0.21277E-01  579117.5 4141566.9     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0016         0   0.21277E-01  579140.5 4141553.5     5.0     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0017         0   0.21277E-01  579163.3 4141539.8     5.0     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0018         0   0.21277E-01  579185.8 4141525.5     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0019         0   0.21277E-01  579208.3 4141511.2     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0020         0   0.21277E-01  579230.8 4141496.9     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0021         0   0.21277E-01  579253.2 4141482.7     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0022         0   0.21277E-01  579276.4 4141469.4     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0023         0   0.21277E-01  579299.5 4141456.2     5.2     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0024         0   0.21277E-01  579322.6 4141443.0     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0025         0   0.21277E-01  579346.1 4141430.4     5.2     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0026         0   0.21277E-01  579354.5 4141455.2     5.1     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0027         0   0.21277E-01  579362.8 4141480.5     5.0     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0028         0   0.21277E-01  579371.1 4141505.8     4.8     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0029         0   0.21277E-01  579379.3 4141531.2     4.7     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0030         0   0.21277E-01  579387.6 4141556.5     4.6     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0031         0   0.21277E-01  579395.9 4141581.8     4.5     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0032         0   0.21277E-01  579404.1 4141607.1     4.4     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0033         0   0.21277E-01  579412.3 4141632.5     4.3     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0034         0   0.21277E-01  579420.5 4141657.8     4.3     3.39    12.39
3.16     YES   HRDOW            NO
 HAUL0035         0   0.21277E-01  579428.7 4141683.1     4.2     3.39    12.39
3.16     YES   HRDOW            NO
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
HAUL0036	0	0.21277E-01	579436.8	4141708.5	4.1	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0037	0	0.21277E-01	579445.0	4141733.8	4.0	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0038	0	0.21277E-01	579452.6	4141759.3	3.9	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0039	0	0.21277E-01	579459.4	4141785.1	3.8	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0040	0	0.21277E-01	579465.3	4141811.0	3.8	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0041	0	0.21277E-01	579467.9	4141837.5	3.7	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0042	0	0.21277E-01	579470.6	4141864.0	3.8	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0043	0	0.21277E-01	579473.2	4141890.5	3.6	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0044	0	0.21277E-01	579475.9	4141917.0	3.6	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0045	0	0.21277E-01	579478.5	4141943.5	3.5	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0046	0	0.21277E-01	579482.6	4141969.8	3.3	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0047	0	0.21277E-01	579486.6	4141996.1	3.2	3.39	12.39	3.16	YES	HRDOW	NO
HAUL0048	0	0.21277E-01	578842.3	4141552.8	6.1	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0049	0	0.21277E-01	578857.4	4141574.7	6.2	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0050	0	0.21277E-01	578872.6	4141596.6	6.2	0.00	12.39	3.16	YES	HRDOW	NO

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 HAUL0051         0   0.21277E-01  578887.8 4141618.5     6.2     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0052         0   0.21277E-01  578903.0 4141640.4     6.0     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0053         0   0.21277E-01  578918.1 4141662.3     5.5     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0054         0   0.21277E-01  578934.9 4141676.7     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0055         0   0.21277E-01  578957.7 4141663.0     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0056         0   0.21277E-01  578980.6 4141649.3     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0057         0   0.21277E-01  579003.4 4141635.6     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0058         0   0.21277E-01  579026.2 4141621.9     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0059         0   0.21277E-01  579049.1 4141608.1     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0060         0   0.21277E-01  579071.9 4141594.4     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0061         0   0.21277E-01  579094.7 4141580.6     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0062         0   0.21277E-01  579117.5 4141566.9     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0063         0   0.21277E-01  579140.5 4141553.5     5.0     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0064         0   0.21277E-01  579163.3 4141539.8     5.0     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0065         0   0.21277E-01  579185.8 4141525.5     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0066         0   0.21277E-01  579208.3 4141511.2     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0067         0   0.21277E-01  579230.8 4141496.9     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0068         0   0.21277E-01  579253.2 4141482.7     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0069         0   0.21277E-01  579276.4 4141469.4     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0070         0   0.21277E-01  579299.5 4141456.2     5.2     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0071         0   0.21277E-01  579322.6 4141443.0     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0072         0   0.21277E-01  579346.1 4141430.4     5.2     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0073         0   0.21277E-01  579354.5 4141455.2     5.1     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0074         0   0.21277E-01  579362.8 4141480.5     5.0     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0075         0   0.21277E-01  579371.1 4141505.8     4.8     0.00    12.39
3.16     YES   HRDOW            NO
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
HAUL0076	0	0.21277E-01	579379.3	4141531.2	4.7	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0077	0	0.21277E-01	579387.6	4141556.5	4.6	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0078	0	0.21277E-01	579395.9	4141581.8	4.5	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0079	0	0.21277E-01	579404.1	4141607.1	4.4	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0080	0	0.21277E-01	579412.3	4141632.5	4.3	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0081	0	0.21277E-01	579420.5	4141657.8	4.3	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0082	0	0.21277E-01	579428.7	4141683.1	4.2	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0083	0	0.21277E-01	579436.8	4141708.5	4.1	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0084	0	0.21277E-01	579445.0	4141733.8	4.0	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0085	0	0.21277E-01	579452.6	4141759.3	3.9	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0086	0	0.21277E-01	579459.4	4141785.1	3.8	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0087	0	0.21277E-01	579465.3	4141811.0	3.8	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0088	0	0.21277E-01	579467.9	4141837.5	3.7	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0089	0	0.21277E-01	579470.6	4141864.0	3.8	0.00	12.39	3.16	YES	HRDOW	NO
HAUL0090	0	0.21277E-01	579473.2	4141890.5	3.6	0.00	12.39	3.16	YES	HRDOW	NO

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 HAUL0091         0   0.21277E-01  579475.9 4141917.0     3.6     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0092         0   0.21277E-01  579478.5 4141943.5     3.5     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0093         0   0.21277E-01  579482.6 4141969.8     3.3     0.00    12.39
3.16     YES   HRDOW            NO
 HAUL0094         0   0.21277E-01  579486.6 4141996.1     3.2     0.00    12.39
3.16     YES   HRDOW            NO
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** AREAPOLY SOURCE DATA ***

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

 DEMO1_1          0   0.11580E-03  578842.0 4141662.5     5.7     5.00      12
  1.40     YES   HRDOW            NO
 DEMO1_2          0   0.85988E-04  578870.5 4141471.7     6.2     5.00      20
  1.40     YES   HRDOW            NO
 BC1_1            0   0.67409E-04  578802.1 4141609.4     6.3     5.00      10
  1.40     YES   HRDOW            NO
 BC1_2            0   0.58782E-04  578972.4 4141560.3     6.1     5.00      23
  1.40     YES   HRDOW            NO
 GRADING          0   0.40891E-04  578889.0 4141676.9     5.4     5.00      17
  1.40     YES   HRDOW            NO
 PAV1_0           0   0.10621E-03  578725.0 4141527.8     6.3     5.00      24
  1.40     YES   HRDOW            NO
 ARCH             0   0.20943E-04  578864.1 4141691.8     5.2     5.00      19
  1.40     YES   HRDOW            NO
 DEMO2_1          0   0.28712E-03  578957.4 4141618.6     6.0     5.00       8
  1.40     YES   HRDOW            NO
 CONSTR2_1        0   0.14051E-03  578951.9 4141644.6     5.4     5.00       4
  1.40     YES   HRDOW            NO
 DEMO3_1          0   0.10090E-03  578949.6 4141634.1     5.9     5.00      11
  1.40     YES   HRDOW            NO
 CONSTR3_1        0   0.21442E-03  578864.7 4141692.3     5.2     5.00      10
  1.40     YES   HRDOW            NO
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DEMO1_1D         0   0.11580E-03  578842.0 4141662.5     5.7     0.00      12
 1.40     YES   HRDOW            NO
DEMO1_2D         0   0.85988E-04  578870.5 4141471.7     6.2     0.00      20
 1.40     YES   HRDOW            NO
BC1_1D           0   0.67409E-04  578802.1 4141609.4     6.3     0.00      10
 1.40     YES   HRDOW            NO
BC1_2D           0   0.58782E-04  578972.4 4141560.3     6.1     0.00      23
 1.40     YES   HRDOW            NO
GRADINGD         0   0.40891E-04  578889.0 4141676.9     5.4     0.00      17
 1.40     YES   HRDOW            NO
PAV1_0D          0   0.10621E-03  578725.0 4141527.8     6.3     0.00      24
 1.40     YES   HRDOW            NO
ARCHD            0   0.20943E-04  578864.1 4141691.8     5.2     0.00      19
 1.40     YES   HRDOW            NO
DEMO2_1D         0   0.28712E-03  578957.4 4141618.6     6.0     0.00       8
 1.40     YES   HRDOW            NO
CONSTR2_1D       0   0.14051E-03  578951.9 4141644.6     5.4     0.00       4
 1.40     YES   HRDOW            NO
DEMO3_1D         0   0.10090E-03  578949.6 4141634.1     5.9     0.00      11
 1.40     YES   HRDOW            NO
CONSTR3_1D       0   0.21442E-03  578864.7 4141692.3     5.2     0.00      10
 1.40     YES   HRDOW            NO
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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*** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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


 SRCGP1     ARCH        ,

 SRCGP2     ARCHD       ,

 SRCGP3     BC1_1       ,

 SRCGP4     BC1_1D      ,

 SRCGP5     BC1_2       ,

 SRCGP6     BC1_2D      ,

 SRCGP7     CONSTR2_1   ,
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  SRCGP8     CONSTR2_1D  ,

  SRCGP9     CONSTR3_1   ,

  SRCGP10    CONSTR3_1D  ,

  SRCGP11    DEMO1_1     , DEMO1_2     ,

  SRCGP14    DEMO1_1D    , DEMO1_2D    ,

  SRCGP15    DEMO2_1     ,

  SRCGP16    DEMO2_1D    ,

  SRCGP17    DEMO3_1     ,

  SRCGP18    DEMO3_1D    ,

  SRCGP19    GRADING     ,

  SRCGP20    GRADINGD    ,

  SRCGP21    HAUL0001    , HAUL0002    , HAUL0003    , HAUL0004    , HAUL0005    ,
HAUL0006    , HAUL0007    , HAUL0008    ,

             HAUL0009    , HAUL0010    , HAUL0011    , HAUL0012    , HAUL0013    ,
HAUL0014    , HAUL0015    , HAUL0016    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

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


             HAUL0017    , HAUL0018    , HAUL0019    , HAUL0020    , HAUL0021    ,
HAUL0022    , HAUL0023    , HAUL0024    ,

             HAUL0025    , HAUL0026    , HAUL0027    , HAUL0028    , HAUL0029    ,
HAUL0030    , HAUL0031    , HAUL0032    ,

             HAUL0033    , HAUL0034    , HAUL0035    , HAUL0036    , HAUL0037    ,
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HAUL0038    , HAUL0039    , HAUL0040    ,

             HAUL0041    , HAUL0042    , HAUL0043    , HAUL0044    , HAUL0045    ,
HAUL0046    , HAUL0047    ,

  SRCGP22    HAUL0048    , HAUL0049    , HAUL0050    , HAUL0051    , HAUL0052    ,
HAUL0053    , HAUL0054    , HAUL0055    ,

             HAUL0056    , HAUL0057    , HAUL0058    , HAUL0059    , HAUL0060    ,
HAUL0061    , HAUL0062    , HAUL0063    ,

             HAUL0064    , HAUL0065    , HAUL0066    , HAUL0067    , HAUL0068    ,
HAUL0069    , HAUL0070    , HAUL0071    ,

             HAUL0072    , HAUL0073    , HAUL0074    , HAUL0075    , HAUL0076    ,
HAUL0077    , HAUL0078    , HAUL0079    ,

             HAUL0080    , HAUL0081    , HAUL0082    , HAUL0083    , HAUL0084    ,
HAUL0085    , HAUL0086    , HAUL0087    ,

             HAUL0088    , HAUL0089    , HAUL0090    , HAUL0091    , HAUL0092    ,
HAUL0093    , HAUL0094    ,

  SRCGP23    PAV1_0      ,

  SRCGP24    PAV1_0D     ,

  ALL        DEMO1_1     , DEMO1_2     , BC1_1       , BC1_2       , GRADING     ,
PAV1_0      , ARCH        , HAUL0001    ,

             HAUL0002    , HAUL0003    , HAUL0004    , HAUL0005    , HAUL0006    ,
HAUL0007    , HAUL0008    , HAUL0009    ,

             HAUL0010    , HAUL0011    , HAUL0012    , HAUL0013    , HAUL0014    ,
HAUL0015    , HAUL0016    , HAUL0017    ,

             HAUL0018    , HAUL0019    , HAUL0020    , HAUL0021    , HAUL0022    ,
HAUL0023    , HAUL0024    , HAUL0025    ,

             HAUL0026    , HAUL0027    , HAUL0028    , HAUL0029    , HAUL0030    ,
HAUL0031    , HAUL0032    , HAUL0033    ,

             HAUL0034    , HAUL0035    , HAUL0036    , HAUL0037    , HAUL0038    ,
HAUL0039    , HAUL0040    , HAUL0041    ,

             HAUL0042    , HAUL0043    , HAUL0044    , HAUL0045    , HAUL0046    ,
HAUL0047    , HAUL0048    , HAUL0049    ,

             HAUL0050    , HAUL0051    , HAUL0052    , HAUL0053    , HAUL0054    ,
HAUL0055    , HAUL0056    , HAUL0057    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

HAUL0058 , HAUL0059 , HAUL0060 , HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 ,

HAUL0066 , HAUL0067 , HAUL0068 , HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 ,

HAUL0074 , HAUL0075 , HAUL0076 , HAUL0077 , HAUL0078 , HAUL0079 , HAUL0080 , HAUL0081 ,

HAUL0082 , HAUL0083 , HAUL0084 , HAUL0085 , HAUL0086 , HAUL0087 , HAUL0088 , HAUL0089 ,

HAUL0090 , HAUL0091 , HAUL0092 , HAUL0093 , HAUL0094 , DEMO2_1 , CONSTR2_1 , DEMO3_1 ,

CONSTR3_1 , DEMO1_1D , DEMO1_2D , BC1_1D , BC1_2D , GRADINGD , PAV1_0D , ARCHD ,

DEMO2_1D , CONSTR2_1D , DEMO3_1D , CONSTR3_1D ,

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

URBAN ID	URBAN POP	SOURCE IDs

```
             1936259.   DEMO1_1     , DEMO1_2     , BC1_1       , BC1_2       ,
GRADING     , PAV1_0      , ARCH        ,
 HAUL0001    ,

             HAUL0002    , HAUL0003    , HAUL0004    , HAUL0005    , HAUL0006    ,
HAUL0007    , HAUL0008    , HAUL0009    ,

             HAUL0010    , HAUL0011    , HAUL0012    , HAUL0013    , HAUL0014    ,
HAUL0015    , HAUL0016    , HAUL0017    ,

             HAUL0018    , HAUL0019    , HAUL0020    , HAUL0021    , HAUL0022    ,
HAUL0023    , HAUL0024    , HAUL0025    ,

             HAUL0026    , HAUL0027    , HAUL0028    , HAUL0029    , HAUL0030    ,
HAUL0031    , HAUL0032    , HAUL0033    ,

             HAUL0034    , HAUL0035    , HAUL0036    , HAUL0037    , HAUL0038    ,
HAUL0039    , HAUL0040    , HAUL0041    ,

             HAUL0042    , HAUL0043    , HAUL0044    , HAUL0045    , HAUL0046    ,
HAUL0047    , HAUL0048    , HAUL0049    ,

             HAUL0050    , HAUL0051    , HAUL0052    , HAUL0053    , HAUL0054    ,
HAUL0055    , HAUL0056    , HAUL0057    ,

             HAUL0058    , HAUL0059    , HAUL0060    , HAUL0061    , HAUL0062    ,
HAUL0063    , HAUL0064    , HAUL0065    ,

             HAUL0066    , HAUL0067    , HAUL0068    , HAUL0069    , HAUL0070    ,
HAUL0071    , HAUL0072    , HAUL0073    ,

             HAUL0074    , HAUL0075    , HAUL0076    , HAUL0077    , HAUL0078    ,
HAUL0079    , HAUL0080    , HAUL0081    ,

             HAUL0082    , HAUL0083    , HAUL0084    , HAUL0085    , HAUL0086    ,
HAUL0087    , HAUL0088    , HAUL0089    ,

             HAUL0090    , HAUL0091    , HAUL0092    , HAUL0093    , HAUL0094    ,
DEMO2_1     , CONSTR2_1   , DEMO3_1     ,

             CONSTR3_1   , DEMO1_1D    , DEMO1_2D    , BC1_1D      , BC1_2D      ,
GRADINGD    , PAV1_0D     , ARCHD       ,

             DEMO2_1D    , CONSTR2_1D  , DEMO3_1D    , CONSTR3_1D  ,
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = DEMO1_1      ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = DEMO1_2      ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = BC1_1        ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = BC1_2   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = GRADING ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = PAV1_0 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01

```
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

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

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0001   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
 SOURCE ID = HAUL0002     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0003     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0004 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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

 SOURCE ID = HAUL0005   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = HAUL0006   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                             ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                            ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0007     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0008   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = HAUL0009   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = HAUL0010   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0011 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 24142 *** *** Cubberley Community Center Master Plan
*** 12/15/25
*** AERMET - VERSION 18081 *** *** Construction HRA
*** 15:03:32

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0011 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01

```
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0013 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = HAUL0014 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0015 ; SOURCE TYPE = VOLUME :

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

SOURCE ID = HAUL0015 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00						

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0017 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0018 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0019   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0020     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0021 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```


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

SOURCE ID = HAUL0022 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
```

```
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                        ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0023     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0024     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = HAUL0025   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0026   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

 SOURCE ID = HAUL0028   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = HAUL0029     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0030     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                        ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0031     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = HAUL0032 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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

SOURCE ID = HAUL0033 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0034   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0035     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = HAUL0036   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = HAUL0037   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0038     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
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   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0039     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0040 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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

SOURCE ID = HAUL0041 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                             ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                            ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0042     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

 SOURCE ID = HAUL0043   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0044   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0045   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0046     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = HAUL0047   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

SOURCE ID = HAUL0048 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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

SOURCE ID = HAUL0049 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01

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   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                             ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                            ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0050     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0051   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
 SOURCE ID = HAUL0052     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0053     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = HAUL0054 ; SOURCE TYPE = VOLUME :

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

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

 SOURCE ID = HAUL0055   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

 SOURCE ID = HAUL0056   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0057     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0058   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = HAUL0059   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

 SOURCE ID = HAUL0060   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = HAUL0061 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01

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14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0062     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0063 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0064 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0065 ; SOURCE TYPE = VOLUME :

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

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0066   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0067 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0068 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0069   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                             ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                            ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0070     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                             ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                            ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0071 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0072 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = HAUL0073   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0074     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

SOURCE ID = HAUL0075 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = HAUL0076 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```


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

 SOURCE ID = HAUL0077     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = HAUL0078   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = HAUL0079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0080     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

SOURCE ID = HAUL0082 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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

SOURCE ID = HAUL0083 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = HAUL0084 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                            ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***       15:03:32

                                    PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0085     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = HAUL0086   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = HAUL0087   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0088     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
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   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0089     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = HAUL0090 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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

SOURCE ID = HAUL0091 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                             ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                            ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = HAUL0092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = HAUL0093 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = HAUL0094 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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

SOURCE ID = DEMO2_1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = CONSTR2_1 ; SOURCE TYPE = AREAPOLY :

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

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = DEMO3_1   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = CONSTR3_1   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = DEMO1_1D   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01

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

 SOURCE ID = DEMO1_2D   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = BC1_1D   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
 SOURCE ID = BC1_2D       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = PAV1_0D ; SOURCE TYPE = AREAPOLY :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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

 SOURCE ID = ARCHD   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

 SOURCE ID = DEMO2_1D   ; SOURCE TYPE = AREAPOLY :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                             ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                            ***       15:03:32

                                    PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

 SOURCE ID = CONSTR2_1D   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

 SOURCE ID = DEMO3_1D   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = CONSTR3_1D   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

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↟ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                      *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)
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    ( 578465.0, 4141236.4,       9.5,       9.5,       1.5);        ( 578485.0,
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                             ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                             ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
```

(METERS)

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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                            ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                            ***      15:03:32

                                    PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                             ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                             ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(579085.0, 4141416.4, 6.0, 6.0, 1.5); (579105.0, 4141416.4, 5.9, 5.9, 1.5);
(579125.0, 4141416.4, 5.8, 5.8, 1.5); (579145.0, 4141416.4, 5.7, 5.7, 1.5);
(579165.0, 4141416.4, 5.7, 5.7, 1.5); (579185.0, 4141416.4, 5.7, 5.7, 1.5);
(579205.0, 4141416.4, 5.7, 5.7, 1.5); (579225.0, 4141416.4, 5.5, 5.5, 1.5);
(579245.0, 4141416.4, 5.6, 5.6, 1.5); (579265.0, 4141416.4, 5.5, 5.5, 1.5);
(579285.0, 4141416.4, 5.7, 5.7, 1.5); (579305.0, 4141416.4, 5.3, 5.3, 1.5);
(578385.0, 4141436.4, 8.4, 8.4, 1.5); (578405.0, 4141436.4, 8.4, 8.4, 1.5);
(578425.0, 4141436.4, 8.3, 8.3, 1.5); (578445.0, 4141436.4, 8.0, 8.0, 1.5);
(578465.0, 4141436.4, 7.8, 7.8, 1.5); (578485.0, 4141436.4, 7.6, 7.6, 1.5);
(578505.0, 4141436.4, 8.0, 8.0, 1.5); (578525.0, 4141436.4, 7.7, 7.7, 1.5);
(578545.0, 4141436.4, 7.8, 7.8, 1.5); (578565.0, 4141436.4, 8.0, 8.0, 1.5);
(578585.0, 4141436.4, 7.9, 7.9, 1.5); (578605.0, 4141436.4, 7.8, 7.8, 1.5);
(578625.0, 4141436.4, 7.7, 7.7, 1.5); (578645.0, 4141436.4, 7.5, 7.5, 1.5);
(579025.0, 4141436.4, 6.0, 6.0, 1.5); (579045.0, 4141436.4, 5.9, 5.9, 1.5);
(579065.0, 4141436.4, 5.9, 5.9, 1.5); (579085.0, 4141436.4, 5.7, 5.7, 1.5);
(579105.0, 4141436.4, 5.7, 5.7, 1.5); (579125.0, 4141436.4, 5.6, 5.6, 1.5);
(579145.0, 4141436.4, 5.5, 5.5, 1.5); (579165.0, 4141436.4, 5.6, 5.6, 1.5);
(579185.0, 4141436.4, 5.7, 5.7, 1.5); (579205.0, 4141436.4, 5.7, 5.7, 1.5);
(579225.0, 4141436.4, 5.6, 5.6, 1.5); (579245.0, 4141436.4, 5.5, 5.5, 1.5);
(579265.0, 4141436.4, 5.5, 5.5, 1.5); (579285.0, 4141436.4, 5.4, 5.4, 1.5);
(579305.0, 4141436.4, 5.1, 5.1, 1.5); (579325.0, 4141436.4, 5.1, 5.1, 1.5);

```
     ( 578385.0, 4141456.4,       8.1,       8.1,       1.5);         ( 578405.0,
4141456.4,       8.2,       8.2,       1.5);
     ( 578425.0, 4141456.4,       8.2,       8.2,       1.5);         ( 578445.0,
4141456.4,       8.0,       8.0,       1.5);
     ( 578465.0, 4141456.4,       7.8,       7.8,       1.5);         ( 578485.0,
4141456.4,       7.5,       7.5,       1.5);
     ( 578505.0, 4141456.4,       7.9,       7.9,       1.5);         ( 578525.0,
4141456.4,       7.3,       8.0,       1.5);
     ( 578545.0, 4141456.4,       7.8,       7.8,       1.5);         ( 578565.0,
4141456.4,       7.7,       7.7,       1.5);
     ( 578585.0, 4141456.4,       7.5,       7.5,       1.5);         ( 578605.0,
4141456.4,       7.5,       7.5,       1.5);
     ( 578625.0, 4141456.4,       7.5,       7.5,       1.5);         ( 578645.0,
4141456.4,       7.3,       7.3,       1.5);
     ( 579045.0, 4141456.4,       5.7,       5.7,       1.5);         ( 579065.0,
4141456.4,       5.5,       5.5,       1.5);
     ( 579085.0, 4141456.4,       5.6,       5.6,       1.5);         ( 579105.0,
4141456.4,       5.6,       5.6,       1.5);
     ( 579125.0, 4141456.4,       5.5,       5.5,       1.5);         ( 579145.0,
4141456.4,       5.4,       5.4,       1.5);
     ( 579165.0, 4141456.4,       5.5,       5.5,       1.5);         ( 579185.0,
4141456.4,       5.5,       5.5,       1.5);
     ( 579205.0, 4141456.4,       5.5,       5.5,       1.5);         ( 579225.0,
4141456.4,       5.3,       5.3,       1.5);
     ( 579245.0, 4141456.4,       5.4,       5.4,       1.5);         ( 579265.0,
4141456.4,       5.2,       5.2,       1.5);
     ( 578385.0, 4141476.4,       7.8,       7.8,       1.5);         ( 578405.0,
4141476.4,       7.8,       7.8,       1.5);
     ( 578425.0, 4141476.4,       7.9,       7.9,       1.5);         ( 578445.0,
4141476.4,       8.0,       8.0,       1.5);
     ( 578465.0, 4141476.4,       7.9,       7.9,       1.5);         ( 578485.0,
4141476.4,       7.5,       7.5,       1.5);
     ( 578505.0, 4141476.4,       7.6,       7.6,       1.5);         ( 578525.0,
4141476.4,       6.8,       6.8,       1.5);
     ( 578545.0, 4141476.4,       7.7,       7.7,       1.5);         ( 578565.0,
4141476.4,       7.6,       7.6,       1.5);
     ( 578585.0, 4141476.4,       7.5,       7.5,       1.5);         ( 578605.0,
4141476.4,       7.4,       7.4,       1.5);
     ( 578625.0, 4141476.4,       7.3,       7.3,       1.5);         ( 578645.0,
4141476.4,       7.0,       7.0,       1.5);
     ( 579065.0, 4141476.4,       5.5,       5.5,       1.5);         ( 579085.0,
4141476.4,       5.4,       5.4,       1.5);
     ( 579105.0, 4141476.4,       5.6,       5.6,       1.5);         ( 579125.0,
4141476.4,       5.7,       5.7,       1.5);
     ( 579145.0, 4141476.4,       5.5,       5.5,       1.5);         ( 579165.0,
4141476.4,       5.3,       5.3,       1.5);
     ( 579185.0, 4141476.4,       5.6,       5.6,       1.5);         ( 579205.0,
4141476.4,       5.5,       5.5,       1.5);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(579225.0, 4141476.4, 5.3, 5.3, 1.5); (578385.0, 4141496.4, 7.5, 7.5, 1.5);
(578405.0, 4141496.4, 7.5, 7.5, 1.5); (578425.0, 4141496.4, 7.6, 7.6, 1.5);
(578445.0, 4141496.4, 7.7, 7.7, 1.5); (578465.0, 4141496.4, 7.6, 7.6, 1.5);
(578485.0, 4141496.4, 7.3, 7.3, 1.5); (578505.0, 4141496.4, 7.5, 7.5, 1.5);
(578525.0, 4141496.4, 6.6, 6.6, 1.5); (578545.0, 4141496.4, 7.5, 7.5, 1.5);
(578565.0, 4141496.4, 7.6, 7.6, 1.5); (578585.0, 4141496.4, 7.5, 7.5, 1.5);
(578605.0, 4141496.4, 7.5, 7.5, 1.5); (578625.0, 4141496.4, 7.4, 7.4, 1.5);
(578645.0, 4141496.4, 7.0, 7.0, 1.5); (579085.0, 4141496.4, 5.3, 5.3, 1.5);
(579105.0, 4141496.4, 5.4, 5.4, 1.5); (579125.0, 4141496.4, 5.6, 5.6, 1.5);
(579145.0, 4141496.4, 5.6, 5.6, 1.5); (579165.0, 4141496.4, 5.3, 5.3, 1.5);
(579185.0, 4141496.4, 5.3, 5.3, 1.5); (579205.0, 4141496.4, 5.2, 5.2, 1.5);
(578385.0, 4141516.4, 7.7, 7.7, 1.5); (578405.0, 4141516.4, 7.4, 7.4, 1.5);
(578425.0, 4141516.4, 7.3, 7.3, 1.5); (578445.0, 4141516.4, 7.4, 7.4, 1.5);
(578465.0, 4141516.4, 7.4, 7.4, 1.5); (578485.0, 4141516.4, 7.2, 7.2, 1.5);
(578505.0, 4141516.4, 7.4, 7.4, 1.5); (578525.0, 4141516.4, 6.3, 6.3, 1.5);
(578545.0, 4141516.4, 7.3, 7.3, 1.5); (578565.0, 4141516.4, 7.3, 7.3, 1.5);
(578585.0, 4141516.4, 7.4, 7.4, 1.5); (578605.0, 4141516.4, 7.4, 7.4, 1.5);
(578625.0, 4141516.4, 7.3, 7.3, 1.5); (578645.0, 4141516.4, 6.9, 6.9, 1.5);
(579085.0, 4141516.4, 5.3, 5.3, 1.5); (579105.0, 4141516.4, 5.2, 5.2, 1.5);
(579125.0, 4141516.4, 5.4, 5.4, 1.5); (579145.0, 4141516.4, 5.4, 5.4, 1.5);

```
     ( 579165.0, 4141516.4,       5.2,       5.2,       1.5);         ( 578385.0,
4141536.4,       7.6,       7.6,       1.5);
     ( 578405.0, 4141536.4,       7.6,       7.6,       1.5);         ( 578425.0,
4141536.4,       7.4,       7.4,       1.5);
     ( 578445.0, 4141536.4,       7.1,       7.1,       1.5);         ( 578465.0,
4141536.4,       7.2,       7.2,       1.5);
     ( 578485.0, 4141536.4,       7.1,       7.1,       1.5);         ( 578505.0,
4141536.4,       7.2,       7.2,       1.5);
     ( 578525.0, 4141536.4,       5.8,       7.2,       1.5);         ( 578545.0,
4141536.4,       7.2,       7.2,       1.5);
     ( 578565.0, 4141536.4,       7.0,       7.0,       1.5);         ( 578585.0,
4141536.4,       7.0,       7.0,       1.5);
     ( 578605.0, 4141536.4,       7.1,       7.1,       1.5);         ( 578625.0,
4141536.4,       7.0,       7.0,       1.5);
     ( 578645.0, 4141536.4,       6.9,       6.9,       1.5);         ( 578665.0,
4141536.4,       6.7,       6.7,       1.5);
     ( 579105.0, 4141536.4,       5.2,       5.2,       1.5);         ( 579125.0,
4141536.4,       5.2,       5.2,       1.5);
     ( 579185.0, 4141536.4,       5.1,       5.1,       1.5);         ( 578385.0,
4141556.4,       7.5,       7.5,       1.5);
     ( 578405.0, 4141556.4,       7.5,       7.5,       1.5);         ( 578425.0,
4141556.4,       7.5,       7.5,       1.5);
     ( 578445.0, 4141556.4,       7.3,       7.3,       1.5);         ( 578465.0,
4141556.4,       7.1,       7.1,       1.5);
     ( 578485.0, 4141556.4,       7.1,       7.1,       1.5);         ( 578505.0,
4141556.4,       7.2,       7.2,       1.5);
     ( 578525.0, 4141556.4,       6.2,       7.0,       1.5);         ( 578545.0,
4141556.4,       7.3,       7.3,       1.5);
     ( 578565.0, 4141556.4,       7.1,       7.1,       1.5);         ( 578585.0,
4141556.4,       7.1,       7.1,       1.5);
     ( 578605.0, 4141556.4,       6.9,       6.9,       1.5);         ( 578625.0,
4141556.4,       6.9,       6.9,       1.5);
     ( 578645.0, 4141556.4,       6.8,       6.8,       1.5);         ( 578665.0,
4141556.4,       6.8,       6.8,       1.5);
     ( 578685.0, 4141556.4,       6.7,       6.7,       1.5);         ( 579165.0,
4141556.4,       5.0,       5.0,       1.5);
     ( 579185.0, 4141556.4,       4.9,       4.9,       1.5);         ( 579205.0,
4141556.4,       4.8,       4.8,       1.5);
     ( 578385.0, 4141576.4,       7.2,       7.2,       1.5);         ( 578405.0,
4141576.4,       7.3,       7.3,       1.5);
     ( 578425.0, 4141576.4,       7.4,       7.4,       1.5);         ( 578445.0,
4141576.4,       7.3,       7.3,       1.5);
     ( 578465.0, 4141576.4,       7.4,       7.4,       1.5);         ( 578485.0,
4141576.4,       7.4,       7.4,       1.5);
     ( 578505.0, 4141576.4,       7.2,       7.2,       1.5);         ( 578525.0,
4141576.4,       6.3,       7.0,       1.5);
     ( 578545.0, 4141576.4,       7.0,       7.0,       1.5);         ( 578565.0,
4141576.4,       7.0,       7.0,       1.5);
     ( 578585.0, 4141576.4,       7.0,       7.0,       1.5);         ( 578605.0,
4141576.4,       7.0,       7.0,       1.5);
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(578625.0, 4141576.4, 6.9, 6.9, 1.5); (578645.0, 4141576.4, 6.6, 6.6, 1.5);
(578665.0, 4141576.4, 6.6, 6.6, 1.5); (578685.0, 4141576.4, 6.6, 6.6, 1.5);
(578705.0, 4141576.4, 6.6, 6.6, 1.5); (579145.0, 4141576.4, 4.9, 4.9, 1.5);
(579165.0, 4141576.4, 4.9, 4.9, 1.5); (579185.0, 4141576.4, 4.7, 4.7, 1.5);
(579205.0, 4141576.4, 4.7, 4.7, 1.5); (579225.0, 4141576.4, 4.6, 4.6, 1.5);
(579245.0, 4141576.4, 4.9, 4.9, 1.5); (579265.0, 4141576.4, 4.6, 4.6, 1.5);
(578385.0, 4141596.4, 7.0, 7.0, 1.5); (578405.0, 4141596.4, 7.0, 7.0, 1.5);
(578425.0, 4141596.4, 7.2, 7.2, 1.5); (578445.0, 4141596.4, 7.2, 7.2, 1.5);
(578465.0, 4141596.4, 7.2, 7.2, 1.5); (578485.0, 4141596.4, 7.3, 7.3, 1.5);
(578505.0, 4141596.4, 6.9, 6.9, 1.5); (578525.0, 4141596.4, 6.4, 6.9, 1.5);
(578545.0, 4141596.4, 6.8, 6.8, 1.5); (578565.0, 4141596.4, 6.6, 6.6, 1.5);
(578585.0, 4141596.4, 6.7, 6.7, 1.5); (578605.0, 4141596.4, 6.8, 6.8, 1.5);
(578625.0, 4141596.4, 6.8, 6.8, 1.5); (578645.0, 4141596.4, 6.7, 6.7, 1.5);
(578665.0, 4141596.4, 6.5, 6.5, 1.5); (578685.0, 4141596.4, 6.3, 6.3, 1.5);
(578705.0, 4141596.4, 6.6, 6.6, 1.5); (578725.0, 4141596.4, 6.5, 6.5, 1.5);
(578745.0, 4141596.4, 6.2, 6.2, 1.5); (579105.0, 4141596.4, 4.9, 4.9, 1.5);
(579145.0, 4141596.4, 4.8, 4.8, 1.5); (579165.0, 4141596.4, 4.7, 4.7, 1.5);
(579185.0, 4141596.4, 4.6, 4.6, 1.5); (579205.0, 4141596.4, 4.5, 4.5, 1.5);
(579225.0, 4141596.4, 4.5, 4.5, 1.5); (579245.0, 4141596.4, 4.6, 4.6, 1.5);

```
     ( 579265.0, 4141596.4,       4.3,       5.4,       1.5);         ( 579285.0,
4141596.4,       5.4,       5.4,       1.5);
     ( 579305.0, 4141596.4,       5.0,       5.0,       1.5);         ( 579325.0,
4141596.4,       5.0,       5.0,       1.5);
     ( 579345.0, 4141596.4,       4.1,       4.1,       1.5);         ( 578385.0,
4141616.4,       7.1,       7.1,       1.5);
     ( 578405.0, 4141616.4,       6.9,       6.9,       1.5);         ( 578425.0,
4141616.4,       6.8,       6.8,       1.5);
     ( 578445.0, 4141616.4,       6.9,       6.9,       1.5);         ( 578465.0,
4141616.4,       7.0,       7.0,       1.5);
     ( 578485.0, 4141616.4,       7.0,       7.0,       1.5);         ( 578505.0,
4141616.4,       6.8,       6.8,       1.5);
     ( 578525.0, 4141616.4,       6.0,       6.6,       1.5);         ( 578545.0,
4141616.4,       6.7,       6.7,       1.5);
     ( 578565.0, 4141616.4,       6.5,       6.5,       1.5);         ( 578585.0,
4141616.4,       6.5,       6.5,       1.5);
     ( 578605.0, 4141616.4,       6.5,       6.5,       1.5);         ( 578625.0,
4141616.4,       6.5,       6.5,       1.5);
     ( 578645.0, 4141616.4,       6.7,       6.7,       1.5);         ( 578665.0,
4141616.4,       6.6,       6.6,       1.5);
     ( 578685.0, 4141616.4,       6.3,       6.3,       1.5);         ( 578705.0,
4141616.4,       6.1,       6.1,       1.5);
     ( 578725.0, 4141616.4,       6.3,       6.3,       1.5);         ( 578745.0,
4141616.4,       6.3,       6.3,       1.5);
     ( 579065.0, 4141616.4,       5.0,       5.0,       1.5);         ( 579085.0,
4141616.4,       4.9,       4.9,       1.5);
     ( 579105.0, 4141616.4,       4.8,       4.8,       1.5);         ( 579125.0,
4141616.4,       4.5,       4.5,       1.5);
     ( 579165.0, 4141616.4,       4.5,       4.5,       1.5);         ( 579185.0,
4141616.4,       4.3,       4.3,       1.5);
     ( 579205.0, 4141616.4,       4.2,       4.2,       1.5);         ( 579225.0,
4141616.4,       4.4,       4.4,       1.5);
     ( 579245.0, 4141616.4,       4.4,       4.4,       1.5);         ( 579265.0,
4141616.4,       4.4,       4.4,       1.5);
     ( 579285.0, 4141616.4,       5.9,       5.9,       1.5);         ( 579305.0,
4141616.4,       5.6,       5.6,       1.5);
     ( 579325.0, 4141616.4,       5.2,       5.2,       1.5);         ( 579345.0,
4141616.4,       4.0,       4.0,       1.5);
     ( 578385.0, 4141636.4,       7.1,       7.1,       1.5);         ( 578405.0,
4141636.4,       7.0,       7.0,       1.5);
     ( 578425.0, 4141636.4,       6.9,       6.9,       1.5);         ( 578445.0,
4141636.4,       6.8,       6.8,       1.5);
     ( 578465.0, 4141636.4,       6.7,       6.7,       1.5);         ( 578485.0,
4141636.4,       6.8,       6.8,       1.5);
     ( 578505.0, 4141636.4,       6.8,       7.0,       1.5);         ( 578525.0,
4141636.4,       6.5,       6.5,       1.5);
     ( 578545.0, 4141636.4,       6.7,       6.7,       1.5);         ( 578565.0,
4141636.4,       6.6,       6.6,       1.5);
     ( 578585.0, 4141636.4,       6.3,       6.3,       1.5);         ( 578605.0,
4141636.4,       6.3,       6.3,       1.5);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(578665.0, 4141636.4, 6.5, 6.5, 1.5); (578685.0, 4141636.4, 6.2, 6.2, 1.5);
(578705.0, 4141636.4, 6.0, 6.0, 1.5); (578725.0, 4141636.4, 6.2, 6.2, 1.5);
(579045.0, 4141636.4, 5.1, 5.1, 1.5); (579065.0, 4141636.4, 4.9, 4.9, 1.5);
(579085.0, 4141636.4, 4.7, 4.7, 1.5); (579105.0, 4141636.4, 4.5, 4.5, 1.5);
(579125.0, 4141636.4, 4.5, 4.5, 1.5); (579165.0, 4141636.4, 4.1, 4.1, 1.5);
(579185.0, 4141636.4, 4.3, 4.3, 1.5); (579205.0, 4141636.4, 4.4, 4.4, 1.5);
(579225.0, 4141636.4, 4.5, 4.5, 1.5); (579245.0, 4141636.4, 4.5, 4.5, 1.5);
(579265.0, 4141636.4, 4.8, 4.8, 1.5); (579285.0, 4141636.4, 5.5, 5.5, 1.5);
(579305.0, 4141636.4, 5.4, 5.4, 1.5); (579325.0, 4141636.4, 5.3, 5.3, 1.5);
(579345.0, 4141636.4, 5.0, 5.0, 1.5); (578385.0, 4141656.4, 7.0, 7.0, 1.5);
(578405.0, 4141656.4, 6.8, 6.8, 1.5); (578425.0, 4141656.4, 7.0, 7.0, 1.5);
(578445.0, 4141656.4, 7.0, 7.0, 1.5); (578465.0, 4141656.4, 6.6, 6.6, 1.5);
(578485.0, 4141656.4, 6.7, 6.7, 1.5); (578505.0, 4141656.4, 6.2, 6.5, 1.5);
(578525.0, 4141656.4, 6.5, 6.5, 1.5); (578545.0, 4141656.4, 6.7, 6.7, 1.5);
(578565.0, 4141656.4, 6.6, 6.6, 1.5); (578585.0, 4141656.4, 6.5, 6.5, 1.5);
(578605.0, 4141656.4, 6.4, 6.4, 1.5); (578625.0, 4141656.4, 6.1, 6.1, 1.5);
(578645.0, 4141656.4, 6.2, 6.2, 1.5); (578665.0, 4141656.4, 6.3, 6.3, 1.5);
(578685.0, 4141656.4, 5.8, 5.8, 1.5); (578705.0, 4141656.4, 6.0, 6.0, 1.5);

```
     ( 578725.0, 4141656.4,       6.1,       6.1,       1.5);         ( 579005.0,
4141656.4,       5.1,       5.1,       1.5);
     ( 579025.0, 4141656.4,       5.0,       5.0,       1.5);         ( 579045.0,
4141656.4,       5.0,       5.0,       1.5);
     ( 579065.0, 4141656.4,       4.7,       4.7,       1.5);         ( 579085.0,
4141656.4,       4.5,       4.5,       1.5);
     ( 579105.0, 4141656.4,       4.4,       4.4,       1.5);         ( 579125.0,
4141656.4,       4.2,       4.2,       1.5);
     ( 579145.0, 4141656.4,       4.1,       4.1,       1.5);         ( 579185.0,
4141656.4,       4.4,       4.4,       1.5);
     ( 579205.0, 4141656.4,       4.4,       4.4,       1.5);         ( 579225.0,
4141656.4,       4.4,       4.4,       1.5);
     ( 579245.0, 4141656.4,       4.2,       4.2,       1.5);         ( 579265.0,
4141656.4,       5.1,       5.1,       1.5);
     ( 579285.0, 4141656.4,       5.3,       5.3,       1.5);         ( 579305.0,
4141656.4,       5.0,       5.0,       1.5);
     ( 579325.0, 4141656.4,       5.5,       5.5,       1.5);         ( 579345.0,
4141656.4,       5.6,       5.6,       1.5);
     ( 578385.0, 4141676.4,       6.8,       6.8,       1.5);         ( 578405.0,
4141676.4,       7.0,       7.0,       1.5);
     ( 578425.0, 4141676.4,       7.1,       7.1,       1.5);         ( 578445.0,
4141676.4,       7.1,       7.1,       1.5);
     ( 578465.0, 4141676.4,       6.7,       6.7,       1.5);         ( 578485.0,
4141676.4,       6.7,       6.7,       1.5);
     ( 578505.0, 4141676.4,       6.1,       6.5,       1.5);         ( 578525.0,
4141676.4,       6.3,       6.3,       1.5);
     ( 578545.0, 4141676.4,       6.4,       6.4,       1.5);         ( 578565.0,
4141676.4,       6.5,       6.5,       1.5);
     ( 578585.0, 4141676.4,       6.4,       6.4,       1.5);         ( 578605.0,
4141676.4,       6.4,       6.4,       1.5);
     ( 578625.0, 4141676.4,       6.3,       6.3,       1.5);         ( 578645.0,
4141676.4,       5.9,       5.9,       1.5);
     ( 578665.0, 4141676.4,       5.7,       5.7,       1.5);         ( 578685.0,
4141676.4,       5.9,       5.9,       1.5);
     ( 578705.0, 4141676.4,       6.0,       6.0,       1.5);         ( 578985.0,
4141676.4,       5.1,       5.1,       1.5);
     ( 579005.0, 4141676.4,       5.0,       5.0,       1.5);         ( 579025.0,
4141676.4,       4.8,       4.8,       1.5);
     ( 579045.0, 4141676.4,       4.6,       4.6,       1.5);         ( 579065.0,
4141676.4,       4.5,       4.5,       1.5);
     ( 579085.0, 4141676.4,       4.4,       4.4,       1.5);         ( 579105.0,
4141676.4,       4.3,       4.3,       1.5);
     ( 579125.0, 4141676.4,       4.4,       4.4,       1.5);         ( 579145.0,
4141676.4,       4.4,       4.4,       1.5);
     ( 579165.0, 4141676.4,       4.0,       4.0,       1.5);         ( 579185.0,
4141676.4,       4.0,       4.0,       1.5);
     ( 579205.0, 4141676.4,       4.2,       4.2,       1.5);         ( 579225.0,
4141676.4,       4.3,       4.3,       1.5);
     ( 579245.0, 4141676.4,       4.1,       4.1,       1.5);         ( 579265.0,
4141676.4,       4.1,       4.1,       1.5);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(578385.0, 4141696.4, 6.9, 6.9, 1.5); (578405.0, 4141696.4, 7.1, 7.1, 1.5);
(578425.0, 4141696.4, 7.0, 7.0, 1.5); (578445.0, 4141696.4, 6.6, 6.6, 1.5);
(578465.0, 4141696.4, 6.6, 6.6, 1.5); (578485.0, 4141696.4, 6.7, 6.7, 1.5);
(578505.0, 4141696.4, 6.2, 6.6, 1.5); (578525.0, 4141696.4, 6.0, 6.5, 1.5);
(578565.0, 4141696.4, 6.2, 6.2, 1.5); (578585.0, 4141696.4, 6.2, 6.2, 1.5);
(578605.0, 4141696.4, 6.2, 6.2, 1.5); (578625.0, 4141696.4, 6.2, 6.2, 1.5);
(578645.0, 4141696.4, 5.8, 5.8, 1.5); (578665.0, 4141696.4, 5.7, 5.7, 1.5);
(578685.0, 4141696.4, 5.9, 5.9, 1.5); (578945.0, 4141696.4, 5.0, 5.0, 1.5);
(578965.0, 4141696.4, 5.1, 5.1, 1.5); (578985.0, 4141696.4, 4.9, 4.9, 1.5);
(579005.0, 4141696.4, 4.7, 4.7, 1.5); (579025.0, 4141696.4, 4.6, 4.6, 1.5);
(579045.0, 4141696.4, 4.5, 4.5, 1.5); (579065.0, 4141696.4, 4.4, 4.4, 1.5);
(579085.0, 4141696.4, 4.3, 4.3, 1.5); (579105.0, 4141696.4, 4.2, 4.2, 1.5);
(579125.0, 4141696.4, 4.4, 4.4, 1.5); (579145.0, 4141696.4, 4.3, 4.3, 1.5);
(579165.0, 4141696.4, 4.2, 4.2, 1.5); (579185.0, 4141696.4, 3.8, 3.8, 1.5);
(579205.0, 4141696.4, 4.1, 4.1, 1.5); (579225.0, 4141696.4, 4.2, 4.2, 1.5);
(579245.0, 4141696.4, 4.5, 4.5, 1.5); (579265.0, 4141696.4, 4.1, 4.1, 1.5);
(579285.0, 4141696.4, 4.1, 4.1, 1.5); (579305.0, 4141696.4, 5.1, 5.1, 1.5);

```
     ( 579325.0, 4141696.4,       4.6,       4.6,       1.5);         ( 579345.0,
4141696.4,       4.1,       4.1,       1.5);
     ( 578385.0, 4141716.4,       7.0,       7.0,       1.5);         ( 578405.0,
4141716.4,       7.0,       7.0,       1.5);
     ( 578425.0, 4141716.4,       6.6,       6.6,       1.5);         ( 578445.0,
4141716.4,       6.4,       6.4,       1.5);
     ( 578465.0, 4141716.4,       6.6,       6.6,       1.5);         ( 578485.0,
4141716.4,       6.7,       6.7,       1.5);
     ( 578505.0, 4141716.4,       6.1,       6.5,       1.5);         ( 578525.0,
4141716.4,       5.5,       6.1,       1.5);
     ( 578605.0, 4141716.4,       6.0,       6.0,       1.5);         ( 578625.0,
4141716.4,       5.8,       5.8,       1.5);
     ( 578645.0, 4141716.4,       5.6,       5.6,       1.5);         ( 578665.0,
4141716.4,       5.8,       5.8,       1.5);
     ( 578685.0, 4141716.4,       5.8,       5.8,       1.5);         ( 578905.0,
4141716.4,       5.1,       5.1,       1.5);
     ( 578925.0, 4141716.4,       5.0,       5.0,       1.5);         ( 578945.0,
4141716.4,       4.8,       4.8,       1.5);
     ( 578965.0, 4141716.4,       4.7,       4.7,       1.5);         ( 578985.0,
4141716.4,       4.6,       4.6,       1.5);
     ( 579005.0, 4141716.4,       4.6,       4.6,       1.5);         ( 579025.0,
4141716.4,       4.5,       4.5,       1.5);
     ( 579045.0, 4141716.4,       4.4,       4.4,       1.5);         ( 579065.0,
4141716.4,       4.5,       4.5,       1.5);
     ( 579085.0, 4141716.4,       4.4,       4.4,       1.5);         ( 579105.0,
4141716.4,       4.0,       4.0,       1.5);
     ( 579125.0, 4141716.4,       4.2,       4.2,       1.5);         ( 579145.0,
4141716.4,       4.3,       4.3,       1.5);
     ( 579165.0, 4141716.4,       4.1,       4.1,       1.5);         ( 579185.0,
4141716.4,       3.8,       3.8,       1.5);
     ( 579205.0, 4141716.4,       4.0,       4.0,       1.5);         ( 579225.0,
4141716.4,       4.1,       4.1,       1.5);
     ( 579245.0, 4141716.4,       5.0,       5.0,       1.5);         ( 579265.0,
4141716.4,       4.6,       4.6,       1.5);
     ( 579285.0, 4141716.4,       4.5,       4.5,       1.5);         ( 579305.0,
4141716.4,       5.3,       5.3,       1.5);
     ( 579325.0, 4141716.4,       5.0,       5.0,       1.5);         ( 579345.0,
4141716.4,       4.5,       4.5,       1.5);
     ( 578385.0, 4141736.4,       7.1,       7.1,       1.5);         ( 578405.0,
4141736.4,       6.6,       6.6,       1.5);
     ( 578425.0, 4141736.4,       6.3,       6.3,       1.5);         ( 578445.0,
4141736.4,       6.5,       6.5,       1.5);
     ( 578465.0, 4141736.4,       6.8,       6.8,       1.5);         ( 578485.0,
4141736.4,       6.6,       6.6,       1.5);
     ( 578505.0, 4141736.4,       4.6,       6.7,       1.5);         ( 578625.0,
4141736.4,       5.5,       5.5,       1.5);
     ( 578645.0, 4141736.4,       5.8,       5.8,       1.5);         ( 578665.0,
4141736.4,       5.9,       5.9,       1.5);
     ( 578865.0, 4141736.4,       5.2,       5.2,       1.5);         ( 578885.0,
4141736.4,       5.0,       5.0,       1.5);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(579025.0, 4141736.4, 4.5, 4.5, 1.5); (579045.0, 4141736.4, 4.5, 4.5, 1.5);
(579065.0, 4141736.4, 4.5, 4.5, 1.5); (579085.0, 4141736.4, 4.3, 4.3, 1.5);
(579105.0, 4141736.4, 3.9, 3.9, 1.5); (579125.0, 4141736.4, 4.1, 4.1, 1.5);
(579145.0, 4141736.4, 4.2, 4.2, 1.5); (579165.0, 4141736.4, 4.0, 4.0, 1.5);
(579185.0, 4141736.4, 3.7, 3.7, 1.5); (579205.0, 4141736.4, 3.9, 3.9, 1.5);
(579225.0, 4141736.4, 4.2, 4.2, 1.5); (579245.0, 4141736.4, 4.4, 4.4, 1.5);
(579265.0, 4141736.4, 4.9, 4.9, 1.5); (579285.0, 4141736.4, 4.8, 4.8, 1.5);
(579305.0, 4141736.4, 4.3, 4.3, 1.5); (579325.0, 4141736.4, 4.3, 4.3, 1.5);
(579345.0, 4141736.4, 3.6, 3.6, 1.5); (578385.0, 4141756.4, 6.5, 6.5, 1.5);
(578405.0, 4141756.4, 6.3, 6.3, 1.5); (578425.0, 4141756.4, 6.2, 6.2, 1.5);
(578445.0, 4141756.4, 6.3, 6.3, 1.5); (578465.0, 4141756.4, 6.4, 6.4, 1.5);
(578485.0, 4141756.4, 5.3, 6.2, 1.5); (578845.0, 4141756.4, 4.8, 4.8, 1.5);
(578865.0, 4141756.4, 4.8, 4.8, 1.5); (578885.0, 4141756.4, 4.8, 4.8, 1.5);
(578905.0, 4141756.4, 4.7, 4.7, 1.5); (578925.0, 4141756.4, 4.5, 4.5, 1.5);
(578945.0, 4141756.4, 4.5, 4.5, 1.5); (578965.0, 4141756.4, 4.3, 4.3, 1.5);
(578985.0, 4141756.4, 4.4, 4.4, 1.5); (579005.0, 4141756.4, 4.5, 4.5, 1.5);

```
     ( 579025.0, 4141756.4,       4.5,       4.5,       1.5);         ( 579045.0,
4141756.4,       4.4,       4.4,       1.5);
     ( 579065.0, 4141756.4,       4.3,       4.3,       1.5);         ( 579085.0,
4141756.4,       4.2,       4.2,       1.5);
     ( 579105.0, 4141756.4,       3.8,       3.8,       1.5);         ( 579125.0,
4141756.4,       4.0,       4.0,       1.5);
     ( 579145.0, 4141756.4,       4.1,       4.1,       1.5);         ( 579165.0,
4141756.4,       4.0,       4.0,       1.5);
     ( 579185.0, 4141756.4,       3.6,       3.6,       1.5);         ( 579205.0,
4141756.4,       3.9,       3.9,       1.5);
     ( 579225.0, 4141756.4,       4.0,       4.0,       1.5);         ( 579245.0,
4141756.4,       3.9,       3.9,       1.5);
     ( 579265.0, 4141756.4,       4.1,       4.1,       1.5);         ( 579285.0,
4141756.4,       4.6,       4.6,       1.5);
     ( 579305.0, 4141756.4,       4.7,       4.7,       1.5);         ( 579325.0,
4141756.4,       3.8,       3.8,       1.5);
     ( 579345.0, 4141756.4,       3.5,       3.5,       1.5);         ( 578385.0,
4141776.4,       6.3,       6.3,       1.5);
     ( 578405.0, 4141776.4,       6.0,       6.0,       1.5);         ( 578425.0,
4141776.4,       6.3,       6.3,       1.5);
     ( 578445.0, 4141776.4,       6.5,       6.5,       1.5);         ( 578465.0,
4141776.4,       6.1,       6.1,       1.5);
     ( 578485.0, 4141776.4,       4.8,       6.2,       1.5);         ( 578825.0,
4141776.4,       5.3,       5.3,       1.5);
     ( 578845.0, 4141776.4,       4.7,       4.7,       1.5);         ( 578865.0,
4141776.4,       3.9,       3.9,       1.5);
     ( 578885.0, 4141776.4,       4.6,       4.6,       1.5);         ( 578905.0,
4141776.4,       4.5,       4.5,       1.5);
     ( 578925.0, 4141776.4,       4.2,       4.2,       1.5);         ( 578945.0,
4141776.4,       4.2,       4.2,       1.5);
     ( 578965.0, 4141776.4,       4.5,       4.5,       1.5);         ( 578985.0,
4141776.4,       4.4,       4.4,       1.5);
     ( 579005.0, 4141776.4,       4.3,       4.3,       1.5);         ( 579025.0,
4141776.4,       4.3,       4.3,       1.5);
     ( 579045.0, 4141776.4,       4.3,       4.3,       1.5);         ( 579065.0,
4141776.4,       4.1,       4.1,       1.5);
     ( 579085.0, 4141776.4,       4.0,       4.0,       1.5);         ( 579105.0,
4141776.4,       3.7,       3.7,       1.5);
     ( 579125.0, 4141776.4,       4.0,       4.0,       1.5);         ( 579145.0,
4141776.4,       4.0,       4.0,       1.5);
     ( 579165.0, 4141776.4,       3.9,       3.9,       1.5);         ( 579185.0,
4141776.4,       3.6,       3.6,       1.5);
     ( 579205.0, 4141776.4,       3.8,       3.8,       1.5);         ( 579225.0,
4141776.4,       3.9,       3.9,       1.5);
     ( 579245.0, 4141776.4,       3.6,       3.6,       1.5);         ( 579265.0,
4141776.4,       3.9,       3.9,       1.5);
     ( 579285.0, 4141776.4,       4.0,       4.4,       1.5);         ( 579305.0,
4141776.4,       5.0,       5.0,       1.5);
     ( 579325.0, 4141776.4,       3.6,       3.6,       1.5);         ( 579345.0,
4141776.4,       3.4,       3.4,       1.5);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(578885.0, 4141796.4, 4.3, 4.3, 1.5); (578905.0, 4141796.4, 4.4, 4.4, 1.5);
(578925.0, 4141796.4, 4.1, 4.1, 1.5); (578945.0, 4141796.4, 4.3, 4.3, 1.5);
(578965.0, 4141796.4, 4.3, 4.3, 1.5); (578985.0, 4141796.4, 4.2, 4.2, 1.5);
(579005.0, 4141796.4, 4.2, 4.2, 1.5); (579025.0, 4141796.4, 3.9, 3.9, 1.5);
(579045.0, 4141796.4, 4.1, 4.1, 1.5); (579065.0, 4141796.4, 4.0, 4.0, 1.5);
(579085.0, 4141796.4, 3.9, 3.9, 1.5); (579105.0, 4141796.4, 3.7, 3.7, 1.5);
(579125.0, 4141796.4, 3.9, 3.9, 1.5); (579145.0, 4141796.4, 3.9, 3.9, 1.5);
(579165.0, 4141796.4, 3.8, 3.8, 1.5); (579185.0, 4141796.4, 3.6, 3.6, 1.5);
(579205.0, 4141796.4, 3.9, 3.9, 1.5); (579225.0, 4141796.4, 3.8, 3.8, 1.5);
(579245.0, 4141796.4, 4.3, 4.3, 1.5); (579265.0, 4141796.4, 3.5, 3.5, 1.5);
(579285.0, 4141796.4, 4.6, 4.6, 1.5); (579305.0, 4141796.4, 4.9, 4.9, 1.5);
(579325.0, 4141796.4, 4.8, 4.8, 1.5); (579345.0, 4141796.4, 4.8, 4.8, 1.5);
(578445.0, 4141816.4, 5.2, 6.1, 1.5); (578585.0, 4141816.4, 5.7, 5.7, 1.5);
(578605.0, 4141816.4, 5.6, 5.6, 1.5); (578665.0, 4141816.4, 5.4, 5.4, 1.5);
(578685.0, 4141816.4, 5.3, 5.3, 1.5); (578785.0, 4141816.4, 5.3, 5.3, 1.5);

```
     ( 578805.0, 4141816.4,       5.2,       5.2,       1.5);         ( 578825.0,
4141816.4,       5.3,       5.3,       1.5);
     ( 578845.0, 4141816.4,       5.3,       5.3,       1.5);         ( 578865.0,
4141816.4,       4.6,       4.6,       1.5);
     ( 578885.0, 4141816.4,       4.1,       4.1,       1.5);         ( 578905.0,
4141816.4,       4.4,       4.4,       1.5);
     ( 578925.0, 4141816.4,       4.0,       4.0,       1.5);         ( 578945.0,
4141816.4,       4.2,       4.2,       1.5);
     ( 578965.0, 4141816.4,       4.1,       4.1,       1.5);         ( 578985.0,
4141816.4,       4.2,       4.2,       1.5);
     ( 579005.0, 4141816.4,       4.1,       4.1,       1.5);         ( 579025.0,
4141816.4,       3.9,       3.9,       1.5);
     ( 579045.0, 4141816.4,       3.8,       3.8,       1.5);         ( 579065.0,
4141816.4,       3.7,       3.7,       1.5);
     ( 579085.0, 4141816.4,       3.6,       3.6,       1.5);         ( 579105.0,
4141816.4,       3.7,       3.7,       1.5);
     ( 579125.0, 4141816.4,       3.8,       3.8,       1.5);         ( 579145.0,
4141816.4,       3.8,       3.8,       1.5);
     ( 579165.0, 4141816.4,       3.7,       3.7,       1.5);         ( 579185.0,
4141816.4,       3.5,       3.5,       1.5);
     ( 579205.0, 4141816.4,       3.7,       3.7,       1.5);         ( 579225.0,
4141816.4,       3.7,       3.7,       1.5);
     ( 579245.0, 4141816.4,       4.4,       4.4,       1.5);         ( 579265.0,
4141816.4,       5.0,       5.0,       1.5);
     ( 579285.0, 4141816.4,       4.8,       4.8,       1.5);         ( 579305.0,
4141816.4,       4.1,       4.1,       1.5);
     ( 579325.0, 4141816.4,       4.6,       4.6,       1.5);         ( 579345.0,
4141816.4,       4.7,       4.7,       1.5);
     ( 578565.0, 4141836.4,       5.6,       5.6,       1.5);         ( 578585.0,
4141836.4,       5.8,       5.8,       1.5);
     ( 578605.0, 4141836.4,       5.3,       5.3,       1.5);         ( 578625.0,
4141836.4,       5.3,       5.3,       1.5);
     ( 578645.0, 4141836.4,       5.4,       5.4,       1.5);         ( 578665.0,
4141836.4,       5.2,       5.2,       1.5);
     ( 578685.0, 4141836.4,       5.2,       5.2,       1.5);         ( 578705.0,
4141836.4,       5.3,       5.3,       1.5);
     ( 578725.0, 4141836.4,       5.1,       5.1,       1.5);         ( 578765.0,
4141836.4,       5.1,       5.1,       1.5);
     ( 578785.0, 4141836.4,       5.2,       5.2,       1.5);         ( 578805.0,
4141836.4,       5.2,       5.2,       1.5);
     ( 578825.0, 4141836.4,       5.2,       5.2,       1.5);         ( 578845.0,
4141836.4,       5.0,       5.0,       1.5);
     ( 578865.0, 4141836.4,       3.9,       3.9,       1.5);         ( 578885.0,
4141836.4,       4.3,       4.3,       1.5);
     ( 578905.0, 4141836.4,       4.3,       4.3,       1.5);         ( 578925.0,
4141836.4,       3.9,       3.9,       1.5);
     ( 578945.0, 4141836.4,       3.9,       3.9,       1.5);         ( 578965.0,
4141836.4,       3.9,       3.9,       1.5);
     ( 578985.0, 4141836.4,       3.9,       3.9,       1.5);         ( 579005.0,
4141836.4,       4.0,       4.0,       1.5);
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(579025.0, 4141836.4, 3.9, 3.9, 1.5); (579045.0, 4141836.4, 3.9, 3.9, 1.5);
(579065.0, 4141836.4, 3.8, 3.8, 1.5); (579085.0, 4141836.4, 3.6, 3.6, 1.5);
(579105.0, 4141836.4, 3.7, 3.7, 1.5); (579125.0, 4141836.4, 3.8, 3.8, 1.5);
(579145.0, 4141836.4, 3.7, 3.7, 1.5); (579165.0, 4141836.4, 3.5, 3.5, 1.5);
(579185.0, 4141836.4, 3.5, 3.5, 1.5); (579205.0, 4141836.4, 3.6, 3.6, 1.5);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(579225.0, 4141836.4, 3.6, 3.6, 1.5); (579245.0, 4141836.4, 4.0, 4.0, 1.5);
(579265.0, 4141836.4, 4.8, 4.8, 1.5); (579285.0, 4141836.4, 4.8, 4.8, 1.5);
(579305.0, 4141836.4, 4.5, 4.5, 1.5); (579325.0, 4141836.4, 4.8, 4.8, 1.5);
(579345.0, 4141836.4, 3.5, 3.5, 1.5); (578565.0, 4141856.4, 5.4, 5.4, 1.5);
(578585.0, 4141856.4, 5.4, 5.4, 1.5); (578605.0, 4141856.4, 5.3, 5.3, 1.5);
(578625.0, 4141856.4, 5.2, 5.2, 1.5); (578645.0, 4141856.4, 5.3, 5.3, 1.5);
(578665.0, 4141856.4, 5.2, 5.2, 1.5); (578685.0, 4141856.4, 5.3, 5.3, 1.5);
(578705.0, 4141856.4, 5.2, 5.2, 1.5); (578725.0, 4141856.4, 5.0, 5.0, 1.5);
(578745.0, 4141856.4, 5.0, 5.0, 1.5); (578765.0, 4141856.4, 4.9, 4.9, 1.5);
(578785.0, 4141856.4, 4.9, 4.9, 1.5); (578805.0, 4141856.4, 4.9, 4.9, 1.5);
(578825.0, 4141856.4, 5.1, 5.1, 1.5); (578845.0, 4141856.4, 4.5, 4.5, 1.5);
(578865.0, 4141856.4, 4.0, 4.0, 1.5); (578885.0, 4141856.4, 4.4, 4.4, 1.5);
(578905.0, 4141856.4, 4.1, 4.1, 1.5); (578925.0, 4141856.4, 4.0, 4.0, 1.5);
(578945.0, 4141856.4, 3.8, 3.8, 1.5); (578965.0, 4141856.4, 3.6, 3.6, 1.5);

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     ( 578985.0, 4141856.4,       3.7,       3.7,       1.5);         ( 579005.0,
4141856.4,       3.8,       3.8,       1.5);
     ( 579025.0, 4141856.4,       3.7,       3.7,       1.5);         ( 579045.0,
4141856.4,       3.8,       3.8,       1.5);
     ( 579065.0, 4141856.4,       3.7,       3.7,       1.5);         ( 579085.0,
4141856.4,       3.5,       3.5,       1.5);
     ( 579105.0, 4141856.4,       3.6,       3.6,       1.5);         ( 579125.0,
4141856.4,       3.7,       3.7,       1.5);
     ( 579145.0, 4141856.4,       3.5,       3.5,       1.5);         ( 579165.0,
4141856.4,       3.4,       3.4,       1.5);
     ( 579185.0, 4141856.4,       3.5,       3.5,       1.5);         ( 579205.0,
4141856.4,       3.7,       3.7,       1.5);
     ( 579225.0, 4141856.4,       3.5,       3.5,       1.5);         ( 579245.0,
4141856.4,       3.9,       3.9,       1.5);
     ( 579265.0, 4141856.4,       4.5,       4.5,       1.5);         ( 579285.0,
4141856.4,       3.5,       3.5,       1.5);
     ( 579305.0, 4141856.4,       3.4,       3.4,       1.5);         ( 579325.0,
4141856.4,       4.9,       4.9,       1.5);
     ( 579345.0, 4141856.4,       4.2,       4.2,       1.5);         ( 578545.0,
4141876.4,       5.5,       5.5,       1.5);
     ( 578565.0, 4141876.4,       5.3,       5.3,       1.5);         ( 578585.0,
4141876.4,       5.4,       5.4,       1.5);
     ( 578605.0, 4141876.4,       5.3,       5.3,       1.5);         ( 578625.0,
4141876.4,       5.3,       5.3,       1.5);
     ( 578645.0, 4141876.4,       5.2,       5.2,       1.5);         ( 578665.0,
4141876.4,       5.2,       5.2,       1.5);
     ( 578685.0, 4141876.4,       5.1,       5.1,       1.5);         ( 578705.0,
4141876.4,       5.0,       5.0,       1.5);
     ( 578725.0, 4141876.4,       4.9,       4.9,       1.5);         ( 578745.0,
4141876.4,       4.9,       4.9,       1.5);
     ( 578765.0, 4141876.4,       4.9,       4.9,       1.5);         ( 578785.0,
4141876.4,       4.8,       4.8,       1.5);
     ( 578805.0, 4141876.4,       4.7,       4.7,       1.5);         ( 578825.0,
4141876.4,       4.7,       4.7,       1.5);
     ( 578845.0, 4141876.4,       4.5,       4.5,       1.5);         ( 578865.0,
4141876.4,       4.5,       4.5,       1.5);
     ( 578885.0, 4141876.4,       4.4,       4.4,       1.5);         ( 578905.0,
4141876.4,       4.1,       4.1,       1.5);
     ( 578925.0, 4141876.4,       4.2,       4.2,       1.5);         ( 578945.0,
4141876.4,       4.1,       4.1,       1.5);
     ( 578965.0, 4141876.4,       3.8,       3.8,       1.5);         ( 578985.0,
4141876.4,       3.5,       3.5,       1.5);
     ( 579005.0, 4141876.4,       3.4,       3.4,       1.5);         ( 579025.0,
4141876.4,       3.5,       3.5,       1.5);
     ( 579045.0, 4141876.4,       3.6,       3.6,       1.5);         ( 579065.0,
4141876.4,       3.5,       3.5,       1.5);
     ( 579085.0, 4141876.4,       3.4,       3.4,       1.5);         ( 579105.0,
4141876.4,       3.6,       3.6,       1.5);
     ( 579125.0, 4141876.4,       3.7,       3.7,       1.5);         ( 579145.0,
4141876.4,       3.5,       3.5,       1.5);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(578585.0, 4141896.4, 5.4, 5.4, 1.5); (578605.0, 4141896.4, 5.2, 5.2, 1.5);
(578625.0, 4141896.4, 5.2, 5.2, 1.5); (578645.0, 4141896.4, 5.2, 5.2, 1.5);
(578665.0, 4141896.4, 5.0, 5.0, 1.5); (578685.0, 4141896.4, 4.8, 4.8, 1.5);
(578705.0, 4141896.4, 4.9, 4.9, 1.5); (578725.0, 4141896.4, 4.8, 4.8, 1.5);
(578745.0, 4141896.4, 4.7, 4.7, 1.5); (578765.0, 4141896.4, 4.6, 4.6, 1.5);
(578785.0, 4141896.4, 4.5, 4.5, 1.5); (578805.0, 4141896.4, 4.5, 4.5, 1.5);
(578825.0, 4141896.4, 4.4, 4.4, 1.5); (578845.0, 4141896.4, 4.5, 4.5, 1.5);
(578865.0, 4141896.4, 4.5, 4.5, 1.5); (578885.0, 4141896.4, 4.3, 4.3, 1.5);
(578905.0, 4141896.4, 4.3, 4.3, 1.5); (578925.0, 4141896.4, 4.4, 4.4, 1.5);
(578945.0, 4141896.4, 4.2, 4.2, 1.5); (578965.0, 4141896.4, 3.9, 3.9, 1.5);
(578985.0, 4141896.4, 3.8, 3.8, 1.5); (579005.0, 4141896.4, 3.6, 3.6, 1.5);
(579025.0, 4141896.4, 3.4, 3.4, 1.5); (579045.0, 4141896.4, 3.3, 3.3, 1.5);
(579065.0, 4141896.4, 3.4, 3.4, 1.5); (579085.0, 4141896.4, 3.3, 3.3, 1.5);

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     ( 579105.0, 4141896.4,       3.7,       3.7,       1.5);         ( 579125.0,
4141896.4,       3.6,       3.6,       1.5);
     ( 579145.0, 4141896.4,       3.4,       3.4,       1.5);         ( 579165.0,
4141896.4,       3.2,       3.2,       1.5);
     ( 579185.0, 4141896.4,       3.4,       3.4,       1.5);         ( 579205.0,
4141896.4,       3.6,       3.6,       1.5);
     ( 579225.0, 4141896.4,       3.6,       3.6,       1.5);         ( 579245.0,
4141896.4,       3.4,       3.4,       1.5);
     ( 579265.0, 4141896.4,       3.8,       3.8,       1.5);         ( 579285.0,
4141896.4,       3.4,       3.4,       1.5);
     ( 579305.0, 4141896.4,       3.8,       3.8,       1.5);         ( 579325.0,
4141896.4,       3.9,       4.7,       1.5);
     ( 579345.0, 4141896.4,       3.7,       3.7,       1.5);         ( 578565.0,
4141916.4,       5.3,       5.3,       1.5);
     ( 578585.0, 4141916.4,       5.5,       5.5,       1.5);         ( 578605.0,
4141916.4,       5.3,       5.3,       1.5);
     ( 578625.0, 4141916.4,       5.2,       5.2,       1.5);         ( 578645.0,
4141916.4,       5.1,       5.1,       1.5);
     ( 578665.0, 4141916.4,       4.8,       4.8,       1.5);         ( 578685.0,
4141916.4,       4.8,       4.8,       1.5);
     ( 578705.0, 4141916.4,       4.8,       4.8,       1.5);         ( 578725.0,
4141916.4,       4.6,       4.6,       1.5);
     ( 578745.0, 4141916.4,       4.7,       4.7,       1.5);         ( 578765.0,
4141916.4,       4.5,       4.5,       1.5);
     ( 578785.0, 4141916.4,       4.4,       4.4,       1.5);         ( 578805.0,
4141916.4,       4.0,       4.0,       1.5);
     ( 578825.0, 4141916.4,       4.3,       4.3,       1.5);         ( 578845.0,
4141916.4,       4.4,       4.4,       1.5);
     ( 578865.0, 4141916.4,       4.4,       4.4,       1.5);         ( 578885.0,
4141916.4,       4.3,       4.3,       1.5);
     ( 578905.0, 4141916.4,       4.2,       4.2,       1.5);         ( 578925.0,
4141916.4,       4.2,       4.2,       1.5);
     ( 578945.0, 4141916.4,       4.3,       4.3,       1.5);         ( 578965.0,
4141916.4,       4.1,       4.1,       1.5);
     ( 578985.0, 4141916.4,       4.0,       4.0,       1.5);         ( 579005.0,
4141916.4,       3.7,       3.7,       1.5);
     ( 579025.0, 4141916.4,       3.6,       3.6,       1.5);         ( 579045.0,
4141916.4,       3.5,       3.5,       1.5);
     ( 579065.0, 4141916.4,       3.2,       3.2,       1.5);         ( 579085.0,
4141916.4,       3.2,       3.2,       1.5);
     ( 579105.0, 4141916.4,       3.5,       3.5,       1.5);         ( 579125.0,
4141916.4,       3.5,       3.5,       1.5);
     ( 579145.0, 4141916.4,       3.3,       3.3,       1.5);         ( 579165.0,
4141916.4,       3.1,       3.1,       1.5);
     ( 579185.0, 4141916.4,       3.4,       3.4,       1.5);         ( 578386.3,
4141125.3,      10.5,      10.5,       1.5);
     ( 578406.3, 4141125.3,      10.2,      10.2,       1.5);         ( 578426.3,
4141125.3,      10.3,      10.3,       1.5);
     ( 578446.3, 4141125.3,      10.3,      10.3,       1.5);         ( 578466.3,
4141125.3,       9.7,       9.7,       1.5);
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(578766.3, 4141125.3, 8.5, 8.5, 1.5); (578786.3, 4141125.3, 8.4, 8.4, 1.5);
(578806.3, 4141125.3, 8.1, 8.1, 1.5); (578826.3, 4141125.3, 8.2, 8.2, 1.5);
(578846.3, 4141125.3, 8.4, 8.4, 1.5); (578866.3, 4141125.3, 8.4, 8.4, 1.5);
(578886.3, 4141125.3, 8.1, 8.1, 1.5); (578906.3, 4141125.3, 7.8, 7.8, 1.5);
(578926.3, 4141125.3, 7.9, 7.9, 1.5); (578946.3, 4141125.3, 8.0, 8.0, 1.5);
(578966.3, 4141125.3, 8.0, 8.0, 1.5); (578986.3, 4141125.3, 7.9, 7.9, 1.5);
(579006.3, 4141125.3, 7.8, 7.8, 1.5); (579026.3, 4141125.3, 7.5, 7.5, 1.5);
(579046.3, 4141125.3, 7.4, 7.4, 1.5); (579066.3, 4141125.3, 7.8, 7.8, 1.5);
(579086.3, 4141125.3, 7.9, 7.9, 1.5); (579106.3, 4141125.3, 7.7, 7.7, 1.5);
(579126.3, 4141125.3, 7.3, 7.3, 1.5); (579146.3, 4141125.3, 7.2, 7.2, 1.5);
(579166.3, 4141125.3, 7.5, 7.5, 1.5); (579186.3, 4141125.3, 7.5, 7.5, 1.5);
(579206.3, 4141125.3, 7.0, 7.0, 1.5); (578386.3, 4141145.3, 10.5, 10.5, 1.5);

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     ( 578406.3, 4141145.3,      10.3,      10.3,       1.5);         ( 578426.3,
4141145.3,       9.9,       9.9,       1.5);
     ( 578446.3, 4141145.3,      10.1,      10.1,       1.5);         ( 578466.3,
4141145.3,      10.0,      10.0,       1.5);
     ( 578486.3, 4141145.3,       9.4,       9.4,       1.5);         ( 578506.3,
4141145.3,       9.1,       9.1,       1.5);
     ( 578526.3, 4141145.3,       8.8,       8.8,       1.5);         ( 578546.3,
4141145.3,       9.0,       9.0,       1.5);
     ( 578566.3, 4141145.3,       9.0,       9.0,       1.5);         ( 578586.3,
4141145.3,       9.2,       9.2,       1.5);
     ( 578606.3, 4141145.3,       9.0,       9.0,       1.5);         ( 578626.3,
4141145.3,       8.6,       8.6,       1.5);
     ( 578646.3, 4141145.3,       8.6,       8.6,       1.5);         ( 578666.3,
4141145.3,       8.9,       8.9,       1.5);
     ( 578686.3, 4141145.3,       9.0,       9.0,       1.5);         ( 578706.3,
4141145.3,       8.9,       8.9,       1.5);
     ( 578726.3, 4141145.3,       8.5,       8.5,       1.5);         ( 578746.3,
4141145.3,       8.3,       8.3,       1.5);
     ( 578766.3, 4141145.3,       8.3,       8.3,       1.5);         ( 578786.3,
4141145.3,       8.2,       8.2,       1.5);
     ( 578806.3, 4141145.3,       8.1,       8.1,       1.5);         ( 578826.3,
4141145.3,       8.0,       8.0,       1.5);
     ( 578846.3, 4141145.3,       8.3,       8.3,       1.5);         ( 578866.3,
4141145.3,       8.2,       8.2,       1.5);
     ( 578886.3, 4141145.3,       8.1,       8.1,       1.5);         ( 578906.3,
4141145.3,       7.9,       7.9,       1.5);
     ( 578926.3, 4141145.3,       7.6,       7.6,       1.5);         ( 578946.3,
4141145.3,       7.7,       7.7,       1.5);
     ( 578966.3, 4141145.3,       7.8,       7.8,       1.5);         ( 578986.3,
4141145.3,       7.6,       7.6,       1.5);
     ( 579006.3, 4141145.3,       7.5,       7.5,       1.5);         ( 579026.3,
4141145.3,       7.6,       7.6,       1.5);
     ( 579046.3, 4141145.3,       7.8,       7.8,       1.5);         ( 579066.3,
4141145.3,       7.8,       7.8,       1.5);
     ( 579086.3, 4141145.3,       7.4,       7.4,       1.5);         ( 579106.3,
4141145.3,       7.3,       7.3,       1.5);
     ( 579126.3, 4141145.3,       6.9,       6.9,       1.5);         ( 579146.3,
4141145.3,       7.0,       7.0,       1.5);
     ( 579166.3, 4141145.3,       7.1,       7.1,       1.5);         ( 579186.3,
4141145.3,       7.3,       7.3,       1.5);
     ( 579206.3, 4141145.3,       7.0,       7.0,       1.5);         ( 578723.6,
4141929.6,       4.5,       4.5,       1.5);
     ( 578743.6, 4141929.6,       4.5,       4.5,       1.5);         ( 578763.6,
4141929.6,       4.4,       4.4,       1.5);
     ( 578783.6, 4141929.6,       4.3,       4.3,       1.5);         ( 578803.6,
4141929.6,       4.1,       4.1,       1.5);
     ( 578823.6, 4141929.6,       4.3,       4.3,       1.5);         ( 578843.6,
4141929.6,       4.2,       4.2,       1.5);
     ( 578863.6, 4141929.6,       4.2,       4.2,       1.5);         ( 578883.6,
4141929.6,       4.0,       4.0,       1.5);
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(578903.6, 4141929.6, 4.1, 4.1, 1.5); (578923.6, 4141929.6, 4.1, 4.1, 1.5);
(578943.6, 4141929.6, 4.0, 4.0, 1.5); (578963.6, 4141929.6, 4.0, 4.0, 1.5);
(578983.6, 4141929.6, 4.1, 4.1, 1.5); (579003.6, 4141929.6, 3.9, 3.9, 1.5);
(579023.6, 4141929.6, 3.7, 3.7, 1.5); (579043.6, 4141929.6, 3.6, 3.6, 1.5);
(579063.6, 4141929.6, 3.4, 3.4, 1.5); (579083.6, 4141929.6, 3.2, 3.2, 1.5);
(579103.6, 4141929.6, 3.2, 3.2, 1.5); (579123.6, 4141929.6, 3.3, 3.3, 1.5);
(579143.6, 4141929.6, 3.3, 3.3, 1.5); (579163.6, 4141929.6, 3.1, 3.1, 1.5);
(579183.6, 4141929.6, 3.3, 3.3, 1.5); (578725.7, 4141942.6, 4.6, 4.6, 1.5);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(578745.7, 4141942.6, 4.3, 4.3, 1.5); (578765.7, 4141942.6, 4.2, 4.2, 1.5);
(578785.7, 4141942.6, 4.1, 4.1, 1.5); (578805.7, 4141942.6, 4.2, 4.2, 1.5);
(578825.7, 4141942.6, 4.2, 4.2, 1.5); (578845.7, 4141942.6, 4.0, 4.0, 1.5);
(578865.7, 4141942.6, 4.0, 4.0, 1.5); (578885.7, 4141942.6, 3.8, 3.8, 1.5);
(578905.7, 4141942.6, 4.0, 4.0, 1.5); (578925.7, 4141942.6, 4.0, 4.0, 1.5);
(578945.7, 4141942.6, 3.9, 3.9, 1.5); (578965.7, 4141942.6, 3.9, 3.9, 1.5);
(578985.7, 4141942.6, 3.9, 3.9, 1.5); (579005.7, 4141942.6, 4.0, 4.0, 1.5);
(579025.7, 4141942.6, 3.8, 3.8, 1.5); (579045.7, 4141942.6, 3.6, 3.6, 1.5);
(579065.7, 4141942.6, 3.5, 3.5, 1.5); (579085.7, 4141942.6, 3.3, 3.3, 1.5);
(579105.7, 4141942.6, 3.2, 3.2, 1.5); (579125.7, 4141942.6, 3.1, 3.1, 1.5);
(579145.7, 4141942.6, 3.1, 3.1, 1.5); (579165.7, 4141942.6, 3.1, 3.1, 1.5);

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     ( 579185.7, 4141942.6,       3.4,       3.4,       1.5);         ( 578745.5,
4141955.6,       4.5,       4.5,       1.5);
     ( 578765.5, 4141955.6,       4.1,       4.1,       1.5);         ( 578785.5,
4141955.6,       4.1,       4.1,       1.5);
     ( 578805.5, 4141955.6,       4.3,       4.3,       1.5);         ( 578825.5,
4141955.6,       4.2,       4.2,       1.5);
     ( 578845.5, 4141955.6,       4.0,       4.0,       1.5);         ( 578865.5,
4141955.6,       3.7,       3.7,       1.5);
     ( 578885.5, 4141955.6,       3.7,       3.7,       1.5);         ( 578905.5,
4141955.6,       3.9,       3.9,       1.5);
     ( 578925.5, 4141955.6,       3.9,       3.9,       1.5);         ( 578945.5,
4141955.6,       3.9,       3.9,       1.5);
     ( 578965.5, 4141955.6,       3.8,       3.8,       1.5);         ( 578985.5,
4141955.6,       3.7,       3.7,       1.5);
     ( 579005.5, 4141955.6,       3.8,       3.8,       1.5);         ( 579025.5,
4141955.6,       3.8,       3.8,       1.5);
     ( 579045.5, 4141955.6,       3.8,       3.8,       1.5);         ( 579065.5,
4141955.6,       3.6,       3.6,       1.5);
     ( 579085.5, 4141955.6,       3.4,       3.4,       1.5);         ( 579105.5,
4141955.6,       3.3,       3.3,       1.5);
     ( 579125.5, 4141955.6,       3.1,       3.1,       1.5);         ( 579145.5,
4141955.6,       3.0,       3.0,       1.5);
     ( 579165.5, 4141955.6,       3.2,       3.2,       1.5);         ( 579185.5,
4141955.6,       3.5,       3.5,       1.5);
     ( 578785.2, 4141971.3,       4.1,       4.1,       1.5);         ( 578805.2,
4141971.3,       4.1,       4.1,       1.5);
     ( 578825.2, 4141971.3,       4.0,       4.0,       1.5);         ( 578845.2,
4141971.3,       3.9,       3.9,       1.5);
     ( 578865.2, 4141971.3,       3.3,       3.3,       1.5);         ( 578885.2,
4141971.3,       3.8,       3.8,       1.5);
     ( 578905.2, 4141971.3,       3.9,       3.9,       1.5);         ( 578925.2,
4141971.3,       3.8,       3.8,       1.5);
     ( 578945.2, 4141971.3,       3.9,       3.9,       1.5);         ( 578965.2,
4141971.3,       3.9,       3.9,       1.5);
     ( 578985.2, 4141971.3,       3.7,       3.7,       1.5);         ( 579005.2,
4141971.3,       3.6,       3.6,       1.5);
     ( 579025.2, 4141971.3,       3.6,       3.6,       1.5);         ( 579045.2,
4141971.3,       3.7,       3.7,       1.5);
     ( 579065.2, 4141971.3,       3.7,       3.7,       1.5);         ( 579085.2,
4141971.3,       3.5,       3.5,       1.5);
     ( 579105.2, 4141971.3,       3.3,       3.3,       1.5);         ( 579125.2,
4141971.3,       3.3,       3.3,       1.5);
     ( 579145.2, 4141971.3,       3.1,       3.1,       1.5);         ( 579165.2,
4141971.3,       3.4,       3.4,       1.5);
     ( 579185.2, 4141971.3,       3.5,       3.5,       1.5);         ( 578790.0,
4141986.4,       4.5,       4.5,       1.5);
     ( 578810.0, 4141986.4,       4.0,       4.0,       1.5);         ( 578830.0,
4141986.4,       3.8,       3.8,       1.5);
     ( 578850.0, 4141986.4,       3.4,       3.4,       1.5);         ( 578870.0,
4141986.4,       3.4,       3.4,       1.5);
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(578890.0, 4141986.4, 3.8, 3.8, 1.5); (578910.0, 4141986.4, 3.8, 3.8, 1.5);
(578930.0, 4141986.4, 3.7, 3.7, 1.5); (578950.0, 4141986.4, 4.0, 4.0, 1.5);
(578970.0, 4141986.4, 4.2, 4.2, 1.5); (578990.0, 4141986.4, 3.9, 3.9, 1.5);
(579010.0, 4141986.4, 3.6, 3.6, 1.5); (579030.0, 4141986.4, 3.6, 3.6, 1.5);
(579050.0, 4141986.4, 3.5, 3.5, 1.5); (579070.0, 4141986.4, 3.6, 3.6, 1.5);
(579090.0, 4141986.4, 3.7, 3.7, 1.5); (579110.0, 4141986.4, 3.4, 3.4, 1.5);
(579130.0, 4141986.4, 3.2, 3.2, 1.5); (579150.0, 4141986.4, 3.2, 3.2, 1.5);
(579170.0, 4141986.4, 3.6, 3.6, 1.5); (579190.0, 4141986.4, 3.5, 3.5, 1.5);
(578810.5, 4142001.5, 3.9, 3.9, 1.5); (578830.5, 4142001.5, 3.7, 3.7, 1.5);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(578850.5, 4142001.5, 3.2, 3.2, 1.5); (578870.5, 4142001.5, 3.3, 3.3, 1.5);
(578890.5, 4142001.5, 3.6, 3.6, 1.5); (578910.5, 4142001.5, 3.7, 3.7, 1.5);
(578930.5, 4142001.5, 3.8, 3.8, 1.5); (578950.5, 4142001.5, 3.9, 3.9, 1.5);
(578970.5, 4142001.5, 4.1, 4.1, 1.5); (578990.5, 4142001.5, 4.1, 4.1, 1.5);
(579010.5, 4142001.5, 3.9, 3.9, 1.5); (579030.5, 4142001.5, 3.6, 3.6, 1.5);
(579050.5, 4142001.5, 3.5, 3.5, 1.5); (579070.5, 4142001.5, 3.4, 3.4, 1.5);
(579090.5, 4142001.5, 3.5, 3.5, 1.5); (579110.5, 4142001.5, 3.5, 3.5, 1.5);
(579130.5, 4142001.5, 3.2, 3.2, 1.5); (579150.5, 4142001.5, 3.4, 3.4, 1.5);
(579170.5, 4142001.5, 3.7, 3.7, 1.5); (579190.5, 4142001.5, 3.6, 3.6, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
HAUL0007	578945.0	4141696.4	-4.46
HAUL0009	579005.0	4141656.4	-1.18
HAUL0009	578985.0	4141676.4	0.87
HAUL0010	579005.0	4141656.4	-5.73
HAUL0011	579045.0	4141636.4	-2.89
HAUL0012	579065.0	4141616.4	-8.66
HAUL0013	579065.0	4141616.4	-3.56
HAUL0013	579085.0	4141616.4	-0.98
HAUL0014	579105.0	4141596.4	-7.77
HAUL0016	579125.0	4141536.4	-3.55
HAUL0016	579165.0	4141556.4	-1.98
HAUL0016	579145.0	4141576.4	-3.31
HAUL0017	579165.0	4141516.4	-3.20
HAUL0017	579185.0	4141536.4	-4.70
HAUL0017	579165.0	4141556.4	-9.93
HAUL0017	579185.0	4141556.4	

0.68

HAUL0018	579165.0	4141516.4

-3.94

HAUL0018	579185.0	4141536.4

-15.70

HAUL0019	579185.0	4141496.4

0.95

HAUL0019	579205.0	4141496.4

-11.47

HAUL0020	579225.0	4141476.4

-5.31

HAUL0020	579205.0	4141496.4

-0.88

HAUL0021	579245.0	4141456.4

0.87

HAUL0022	579265.0	4141456.4

-9.37

HAUL0023	579285.0	4141436.4

-2.11

HAUL0023	579305.0	4141436.4

-6.07

HAUL0024	579305.0	4141436.4

-7.86

HAUL0024	579325.0	4141436.4

-19.61

HAUL0025	579325.0	4141436.4

-4.76

HAUL0054	578945.0	4141696.4

-4.46

HAUL0056	579005.0	4141656.4

-1.18

HAUL0056	578985.0	4141676.4

0.87

HAUL0057	579005.0	4141656.4

-5.73

HAUL0058	579045.0	4141636.4

-2.89

HAUL0059	579065.0	4141616.4

-8.66

HAUL0060	579065.0	4141616.4

-3.56

HAUL0060	579085.0	4141616.4

-0.98

HAUL0061	579105.0	4141596.4

-7.77

HAUL0063	579125.0	4141536.4

-3.55

HAUL0063	579165.0	4141556.4

-1.98

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
HAUL0063	579145.0	4141576.4	-3.31
HAUL0064	579165.0	4141516.4	-3.20
HAUL0064	579185.0	4141536.4	-4.70
HAUL0064	579165.0	4141556.4	-9.93
HAUL0064	579185.0	4141556.4	0.68
HAUL0065	579165.0	4141516.4	-3.94
HAUL0065	579185.0	4141536.4	-15.70
HAUL0066	579185.0	4141496.4	0.95
HAUL0066	579205.0	4141496.4	-11.47
HAUL0067	579225.0	4141476.4	-5.31
HAUL0067	579205.0	4141496.4	-0.88
HAUL0068	579245.0	4141456.4	0.87
HAUL0069	579265.0	4141456.4	-9.37
HAUL0070	579285.0	4141436.4	-2.11
HAUL0070	579305.0	4141436.4	-6.07

                                                *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

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

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

                                                    1.54,   3.09,   5.14,   8.23,
10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

Surface file: MET\Moffet Field NAS KNUQ zip\KNUQ_2009 - Copy.SFC
Met Version: 18081
Profile file: MET\Moffet Field NAS KNUQ zip\KNUQ_2009 - Copy.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23244 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
09	01	01	1	01	-6.5	0.105	-9.000	-9.000	-999.	81.	16.0	0.03	1.30	1.00	1.67	15.	10.0	282.5	2.0
09	01	01	1	02	-11.1	0.138	-9.000	-9.000	-999.	122.	21.4	0.03	1.30	1.00	2.15	17.	10.0	282.0	2.0
09	01	01	1	03	-17.3	0.173	-9.000	-9.000	-999.	173.	33.0	0.03	1.30	1.00	2.66	24.	10.0	282.0	2.0
09	01	01	1	04	-12.5	0.147	-9.000	-9.000	-999.	135.	23.7	0.03	1.30	1.00	2.28	45.	10.0	281.4	2.0
09	01	01	1	05	-8.5	0.120	-9.000	-9.000	-999.	99.	18.4	0.03	1.30	1.00	1.89	12.	10.0	281.4	2.0
09	01	01	1	06	-10.4	0.133	-9.000	-9.000	-999.	116.	20.5	0.03	1.30	1.00	2.08	14.	10.0	280.9	2.0
09	01	01	1	07	-7.0	0.108	-9.000	-9.000	-999.	85.	16.5	0.03	1.30	1.00	1.72	357.	10.0	280.9	2.0
09	01	01	1	08	-6.4	0.103	-9.000	-9.000	-999.	80.	15.7	0.03	1.30	0.73	1.65	353.	10.0	280.9	2.0
09	01	01	1	09	-7.0	0.172	-9.000	-9.000	-999.	171.	66.5	0.03	1.30	0.38	2.59	356.	10.0	280.4	2.0
09	01	01	1	10	9.2	0.169	0.306	0.014	113.	166.	-47.4	0.03	1.30	0.25	2.21	18.	10.0	280.9	2.0
09	01	01	1	11	19.7	0.128	0.477	0.014	200.	110.	-9.6	0.03	1.30	0.21	1.47	14.	10.0	280.9	2.0
09	01	01	1	12	25.8	0.177	0.578	0.015	273.	179.	-19.6	0.03	1.30	0.19	2.18	353.	10.0	281.4	2.0
09	01	01	1	13	26.7	0.252	0.625	0.016	333.	303.	-54.5	0.10	1.30	0.19	2.64	302.	10.0	281.4	2.0

```
 09 01 01   1 14   22.9  0.119  0.619  0.016  377.  110.     -6.6  0.03   1.30
0.20    1.31   26.   10.0  282.0    2.0
 09 01 01   1 15   72.4 -9.000 -9.000 -9.000  448. -999. -99999.0  0.07   1.30
0.23    0.00    0.   10.0  283.8    2.0
 09 01 01   1 16   21.3 -9.000 -9.000 -9.000  455. -999. -99999.0  0.07   1.30
0.31    0.00    0.   10.0  284.1    2.0
 09 01 01   1 17   -8.6  0.127 -9.000 -9.000 -999.  109.     21.8  0.03   1.30
0.55    1.99  352.   10.0  282.1    2.0
 09 01 01   1 18   -5.8  0.098 -9.000 -9.000 -999.   74.     15.0  0.03   1.30
1.00    1.57  323.   10.0  282.1    2.0
 09 01 01   1 19   -9.9  0.135 -9.000 -9.000 -999.  120.     22.8  0.10   1.30
1.00    1.71  308.   10.0  281.1    2.0
 09 01 01   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.07   1.30
1.00    0.00    0.   10.0  281.1    2.0
 09 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.07   1.30
1.00    0.00    0.   10.0  281.1    2.0
 09 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.07   1.30
1.00    0.00    0.   10.0  281.1    2.0
 09 01 01   1 23   -5.0  0.096 -9.000 -9.000 -999.   72.     16.1  0.10   1.30
1.00    1.23  254.   10.0  281.1    2.0
 09 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.07   1.30
1.00    0.00    0.   10.0  280.1    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 09 01 01 01   10.0 1   15.    1.67   282.6   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 147
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP1   ***
                                   INCLUDING SOURCE(S):     ARCH        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
578385.01 4141176.41 0.05362 578405.01
4141176.41 0.06007
578425.01 4141176.41 0.06787 578445.01
4141176.41 0.07740
578465.01 4141176.41 0.08833 578485.01
4141176.41 0.10174
578505.01 4141176.41 0.11847 578525.01
4141176.41 0.13829
578545.01 4141176.41 0.16563 578565.01
4141176.41 0.19176
578585.01 4141176.41 0.23083 578605.01
4141176.41 0.27450
578625.01 4141176.41 0.32162 578645.01
4141176.41 0.38407
578665.01 4141176.41 0.46278 578685.01
4141176.41 0.57108
578705.01 4141176.41 0.69120 578725.01
4141176.41 0.83584
578745.01 4141176.41 1.01019 578765.01
4141176.41 1.20954
578785.01 4141176.41 1.43923 578805.01
4141176.41 1.69401
578825.01 4141176.41 1.97174 578845.01
4141176.41 2.26352
578865.01 4141176.41 2.54372 578885.01
4141176.41 2.81570
578905.01 4141176.41 3.06553 578925.01
4141176.41 3.28891
578945.01 4141176.41 3.48208 578965.01
4141176.41 3.62583
578985.01 4141176.41 3.71951 579005.01
4141176.41 3.75245
579025.01 4141176.41 3.73384 579045.01
4141176.41 3.65592
579065.01 4141176.41 3.51219 579085.01
4141176.41 3.30187
579105.01 4141176.41 3.04401 579125.01
4141176.41 2.75727
579145.01 4141176.41 2.46034 579165.01
4141176.41 2.16712
579185.01 4141176.41 1.90046 579205.01
4141176.41 1.65663
579225.01 4141176.41 1.44301 578385.01
4141196.41 0.05287
578405.01 4141196.41 0.05917 578425.01
4141196.41 0.06683
578445.01 4141196.41 0.07594 578465.01
4141196.41 0.08701
578485.01 4141196.41 0.10054 578505.01

4141196.41 0.11702
  578525.01 4141196.41 0.13739 578545.01
4141196.41 0.16508
  578565.01 4141196.41 0.19579 578585.01
4141196.41 0.23320
  578605.01 4141196.41 0.27841 578625.01
4141196.41 0.32865
  578645.01 4141196.41 0.40445 578665.01
4141196.41 0.49357
  578685.01 4141196.41 0.60111 578705.01
4141196.41 0.73328
  578725.01 4141196.41 0.89455 578745.01
4141196.41 1.08947
  578765.01 4141196.41 1.32080 578785.01
4141196.41 1.58125
  578805.01 4141196.41 1.87360 578825.01
4141196.41 2.18634
  578845.01 4141196.41 2.51312 578865.01
4141196.41 2.83776
  578885.01 4141196.41 3.13529 578905.01
4141196.41 3.40930
  578925.01 4141196.41 3.65322 578945.01
4141196.41 3.85781
  578965.01 4141196.41 4.01322 578985.01
4141196.41 4.09757
  579005.01 4141196.41 4.12977 579025.01
4141196.41 4.10341
  579045.01 4141196.41 3.99434 579065.01
4141196.41 3.81269
  579085.01 4141196.41 3.54561 579105.01
4141196.41 3.22763

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

Y-COORD (M)   CONC
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579125.01   4141196.41   2.88642   579145.01
4141196.41   2.54884
579165.01   4141196.41   2.22332   579185.01
4141196.41   1.92403
579205.01   4141196.41   1.66207   579225.01
4141196.41   1.43817
579245.01   4141196.41   1.24992   578385.01
4141216.41   0.05221
578405.01   4141216.41   0.05836   578425.01
4141216.41   0.06575
578445.01   4141216.41   0.07468   578465.01
4141216.41   0.08564
578485.01   4141216.41   0.09903   578505.01
4141216.41   0.11530
578525.01   4141216.41   0.13610   578545.01
4141216.41   0.16433
578565.01   4141216.41   0.19599   578585.01
4141216.41   0.23508
578605.01   4141216.41   0.28265   578625.01
4141216.41   0.34265
578645.01   4141216.41   0.41957   578665.01
4141216.41   0.51426
578685.01   4141216.41   0.63340   578705.01
4141216.41   0.77931
578725.01   4141216.41   0.95952   578745.01
4141216.41   1.18045
578765.01   4141216.41   1.44558   578785.01
4141216.41   1.74940
578805.01   4141216.41   2.08296   578825.01
4141216.41   2.44104
578845.01   4141216.41   2.80964   578925.01
4141216.41   4.06925
578945.01   4141216.41   4.28222   578965.01
4141216.41   4.45843
578985.01   4141216.41   4.55504   579005.01
4141216.41   4.57898
579025.01   4141216.41   4.51930   579045.01
4141216.41   4.37329
579065.01   4141216.41   4.13802   579085.01
4141216.41   3.80742
579105.01   4141216.41   3.42042   579125.01
4141216.41   3.02111
579145.01   4141216.41   2.63028   579165.01
4141216.41   2.26174
579185.01   4141216.41   1.93698   579205.01
4141216.41   1.66116
579225.01   4141216.41   1.43143   579245.01

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4141216.41        1.23591
         578385.01    4141236.41        0.05147                        578405.01
4141236.41        0.05765
         578425.01    4141236.41        0.06480                        578445.01
4141236.41        0.07353
         578465.01    4141236.41        0.08421                        578485.01
4141236.41        0.09735
         578505.01    4141236.41        0.11418                        578525.01
4141236.41        0.13752
         578545.01    4141236.41        0.16300                        578565.01
4141236.41        0.19535
         578585.01    4141236.41        0.23630                        578605.01
4141236.41        0.28644
         578625.01    4141236.41        0.34993                        578645.01
4141236.41        0.43181
         578665.01    4141236.41        0.53530                        578685.01
4141236.41        0.66685
         578705.01    4141236.41        0.83086                        578725.01
4141236.41        1.03491
         578745.01    4141236.41        1.28460                        578765.01
4141236.41        1.58703
         578785.01    4141236.41        1.94431                        578805.01
4141236.41        2.33182
         578825.01    4141236.41        2.74608                        578945.01
4141236.41        4.78444
         578965.01    4141236.41        4.95619                        578985.01
4141236.41        5.07872
         579005.01    4141236.41        5.08906                        579025.01
4141236.41        5.00195
         579045.01    4141236.41        4.80345                        579065.01
4141236.41        4.49091
         579085.01    4141236.41        4.09069                        579105.01
4141236.41        3.62462
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP1   ***
                                    INCLUDING SOURCE(S):     ARCH        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	3.14675	579145.01	4141236.41	2.69205
579165.01	4141236.41	2.28864	579185.01	4141236.41	1.94121
579205.01	4141236.41	1.65206	579225.01	4141236.41	1.41617
579245.01	4141236.41	1.21634	578385.01	4141256.41	0.05094
578405.01	4141256.41	0.05690	578425.01	4141256.41	0.06408
578445.01	4141256.41	0.07252	578465.01	4141256.41	0.08285
578485.01	4141256.41	0.09579	578505.01	4141256.41	0.11248
578525.01	4141256.41	0.13553	578545.01	4141256.41	0.16117
578565.01	4141256.41	0.19413	578585.01	4141256.41	0.23656
578605.01	4141256.41	0.29005	578625.01	4141256.41	0.35678
578645.01	4141256.41	0.44274	578665.01	4141256.41	0.55602
578685.01	4141256.41	0.70056	578705.01	4141256.41	0.88734
578725.01	4141256.41	1.11941	578745.01	4141256.41	1.40667
578765.01	4141256.41	1.75624	578785.01	4141256.41	2.16882
578805.01	4141256.41	2.63315	578965.01	4141256.41	5.54876
578985.01	4141256.41	5.66238	579005.01	4141256.41	5.69166
579025.01	4141256.41	5.56182	579045.01	4141256.41	5.30162
579065.01	4141256.41	4.89873	579085.01	4141256.41	4.39356
579105.01	4141256.41	3.81722	579125.01	4141256.41	3.25313
579145.01	4141256.41	2.74157	579165.01	4141256.41	2.30266
579185.01	4141256.41	1.93773	579205.01	4141256.41	1.63679
579225.01	4141256.41	1.39208	579245.01	4141256.41	1.19244
579265.01	4141256.41	1.02809	578385.01		

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4141276.41        0.05218
         578405.01    4141276.41        0.05633                       578425.01
4141276.41        0.06321
         578445.01    4141276.41        0.07172                       578465.01
4141276.41        0.08177
         578485.01    4141276.41        0.09441                       578505.01
4141276.41        0.11028
         578525.01    4141276.41        0.13060                       578545.01
4141276.41        0.15902
         578565.01    4141276.41        0.19204                       578585.01
4141276.41        0.23557
         578605.01    4141276.41        0.29104                       578625.01
4141276.41        0.36326
         578645.01    4141276.41        0.45507                       578665.01
4141276.41        0.57673
         578685.01    4141276.41        0.73649                       578705.01
4141276.41        0.94573
         578725.01    4141276.41        1.21673                       578745.01
4141276.41        1.54961
         578765.01    4141276.41        1.96262                       578785.01
4141276.41        2.44759
         578985.01    4141276.41        6.36334                       579005.01
4141276.41        6.37856
         579025.01    4141276.41        6.24034                       579045.01
4141276.41        5.89007
         579065.01    4141276.41        5.36943                       579085.01
4141276.41        4.69916
         579105.01    4141276.41        4.00382                       579125.01
4141276.41        3.34788
         579145.01    4141276.41        2.78059                       579165.01
4141276.41        2.30492
         579185.01    4141276.41        1.91854                       579205.01
4141276.41        1.60888
         579225.01    4141276.41        1.36135                       579245.01
4141276.41        1.16180
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP1   ***
                                   INCLUDING SOURCE(S):     ARCH        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	1.00257	578385.01	4141296.41	0.05049
578405.01	4141296.41	0.05778	578425.01	4141296.41	0.06268
578445.01	4141296.41	0.07073	578465.01	4141296.41	0.08084
578485.01	4141296.41	0.09326	578505.01	4141296.41	0.10865
578525.01	4141296.41	0.12837	578545.01	4141296.41	0.15658
578565.01	4141296.41	0.18974	578585.01	4141296.41	0.23326
578605.01	4141296.41	0.29084	578625.01	4141296.41	0.36714
578645.01	4141296.41	0.46757	578665.01	4141296.41	0.59829
578685.01	4141296.41	0.77513	578705.01	4141296.41	1.01153
578725.01	4141296.41	1.32207	578745.01	4141296.41	1.72046
579005.01	4141296.41	7.21523	579025.01	4141296.41	7.03776
579045.01	4141296.41	6.58178	579065.01	4141296.41	5.86095
579085.01	4141296.41	5.01857	579105.01	4141296.41	4.18187
579125.01	4141296.41	3.42569	579145.01	4141296.41	2.78835
579165.01	4141296.41	2.28685	579185.01	4141296.41	1.88477
579205.01	4141296.41	1.57076	579225.01	4141296.41	1.32426
579245.01	4141296.41	1.12701	579265.01	4141296.41	0.97282
579285.01	4141296.41	0.84751	578385.01	4141316.41	0.05059
578405.01	4141316.41	0.05589	578425.01	4141316.41	0.06434
578445.01	4141316.41	0.07043	578465.01	4141316.41	0.07969
578485.01	4141316.41	0.09178	578505.01	4141316.41	0.10921
578525.01	4141316.41	0.12888	578545.01		

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4141316.41        0.15408
         578565.01    4141316.41        0.18721                        578585.01
4141316.41        0.23103
         578605.01    4141316.41        0.29016                        578625.01
4141316.41        0.36953
         578645.01    4141316.41        0.47760                        578665.01
4141316.41        0.62187
         578685.01    4141316.41        0.81737                        578705.01
4141316.41        1.08476
         578725.01    4141316.41        1.44513                        579025.01
4141316.41        7.99985
         579045.01    4141316.41        7.37550                        579065.01
4141316.41        6.42194
         579085.01    4141316.41        5.34909                        579105.01
4141316.41        4.33639
         579125.01    4141316.41        3.46796                        579145.01
4141316.41        2.77493
         579165.01    4141316.41        2.24746                        579185.01
4141316.41        1.84051
         579205.01    4141316.41        1.52495                        579225.01
4141316.41        1.28229
         579245.01    4141316.41        1.09445                        579265.01
4141316.41        0.94547
         579285.01    4141316.41        0.82414                        578385.01
4141336.41        0.05096
         578405.01    4141336.41        0.05606                        578425.01
4141336.41        0.06224
         578445.01    4141336.41        0.07150                        578465.01
4141336.41        0.08174
         578485.01    4141336.41        0.09077                        578505.01
4141336.41        0.10525
         578525.01    4141336.41        0.12661                        578545.01
4141336.41        0.15179
         578565.01    4141336.41        0.18426                        578585.01
4141336.41        0.22805
         578605.01    4141336.41        0.28808                        578625.01
4141336.41        0.37088
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP1   ***
                                    INCLUDING SOURCE(S):     ARCH        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.48368	578665.01	4141336.41	0.64400
578685.01	4141336.41	0.86220	578705.01	4141336.41	1.16931
579025.01	4141336.41	9.23833	579045.01	4141336.41	8.35241
579065.01	4141336.41	7.04475	579085.01	4141336.41	5.65757
579105.01	4141336.41	4.43832	579125.01	4141336.41	3.47156
579145.01	4141336.41	2.74243	579165.01	4141336.41	2.19326
579185.01	4141336.41	1.78588	579205.01	4141336.41	1.47395
579225.01	4141336.41	1.24361	579245.01	4141336.41	1.06145
579265.01	4141336.41	0.91711	579285.01	4141336.41	0.80105
578385.01	4141356.41	0.05171	578405.01	4141356.41	0.05681
578425.01	4141356.41	0.06294	578445.01	4141356.41	0.07016
578465.01	4141356.41	0.07913	578485.01	4141356.41	0.09284
578505.01	4141356.41	0.10707	578525.01	4141356.41	0.12459
578545.01	4141356.41	0.14900	578565.01	4141356.41	0.18164
578585.01	4141356.41	0.22481	578605.01	4141356.41	0.28537
578625.01	4141356.41	0.36984	578645.01	4141356.41	0.48918
578665.01	4141356.41	0.66166	578685.01	4141356.41	0.91022
579025.01	4141356.41	10.90610	579045.01	4141356.41	9.56507
579065.01	4141356.41	7.68267	579085.01	4141356.41	5.89262
579105.01	4141356.41	4.47187	579125.01	4141356.41	3.42769
579145.01	4141356.41	2.67182	579165.01		

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4141356.41        2.12092
         579185.01    4141356.41        1.72174                        579205.01
4141356.41        1.42474
         579225.01    4141356.41        1.20030                        579245.01
4141356.41        1.02585
         579265.01    4141356.41        0.88856                        579285.01
4141356.41        0.77696
         579305.01    4141356.41        0.68606                        578385.01
4141376.41        0.05268
         578405.01    4141376.41        0.05842                        578425.01
4141376.41        0.06454
         578445.01    4141376.41        0.07194                        578465.01
4141376.41        0.08075
         578485.01    4141376.41        0.09147                        578505.01
4141376.41        0.10564
         578525.01    4141376.41        0.12455                        578545.01
4141376.41        0.14645
         578565.01    4141376.41        0.17833                        578585.01
4141376.41        0.22174
         578605.01    4141376.41        0.28213                        578625.01
4141376.41        0.36814
         578645.01    4141376.41        0.49323                        578665.01
4141376.41        0.67961
         578685.01    4141376.41        0.95890                        579005.01
4141376.41       13.79957
         579025.01    4141376.41       13.15386                        579045.01
4141376.41       10.93734
         579065.01    4141376.41        8.23193                        579085.01
4141376.41        6.01246
         579105.01    4141376.41        4.41828                        579125.01
4141376.41        3.32524
         579145.01    4141376.41        2.57003                        579165.01
4141376.41        2.03836
         579185.01    4141376.41        1.65421                        579205.01
4141376.41        1.37004
         579225.01    4141376.41        1.15588                        579245.01
4141376.41        0.99026
         579265.01    4141376.41        0.85813                        579285.01
4141376.41        0.75271
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP1   ***
                                    INCLUDING SOURCE(S):     ARCH        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.66661	578385.01	4141396.41	0.05424
578405.01	4141396.41	0.05931	578425.01	4141396.41	0.06521
578445.01	4141396.41	0.07243	578465.01	4141396.41	0.08143
578485.01	4141396.41	0.09219	578505.01	4141396.41	0.10522
578525.01	4141396.41	0.12330	578545.01	4141396.41	0.14482
578565.01	4141396.41	0.17484	578585.01	4141396.41	0.21673
578605.01	4141396.41	0.27657	578625.01	4141396.41	0.36426
578645.01	4141396.41	0.49538	578665.01	4141396.41	0.69527
579005.01	4141396.41	17.25979	579025.01	4141396.41	16.18176
579045.01	4141396.41	12.29499	579065.01	4141396.41	8.52468
579085.01	4141396.41	5.94663	579105.01	4141396.41	4.28300
579125.01	4141396.41	3.19842	579145.01	4141396.41	2.46189
579165.01	4141396.41	1.94775	579185.01	4141396.41	1.58140
579205.01	4141396.41	1.31347	579225.01	4141396.41	1.11022
579245.01	4141396.41	0.95276	579265.01	4141396.41	0.82810
579285.01	4141396.41	0.72822	579305.01	4141396.41	0.64619
578385.01	4141416.41	0.05531	578405.01	4141416.41	0.06037
578425.01	4141416.41	0.06639	578445.01	4141416.41	0.07361
578465.01	4141416.41	0.08228	578485.01	4141416.41	0.09297
578505.01	4141416.41	0.10579	578525.01		

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4141416.41        0.12238
         578545.01    4141416.41        0.14400                      578565.01
4141416.41        0.17221
         578585.01    4141416.41        0.21224                      578605.01
4141416.41        0.27002
         578625.01    4141416.41        0.35684                      578645.01
4141416.41        0.49096
         578665.01    4141416.41        0.70636                      579025.01
4141416.41       19.57121
         579045.01    4141416.41       13.24301                      579065.01
4141416.41        8.50494
         579085.01    4141416.41        5.77912                      579105.01
4141416.41        4.10889
         579125.01    4141416.41        3.04589                      579145.01
4141416.41        2.33580
         579165.01    4141416.41        1.84897                      579185.01
4141416.41        1.50407
         579205.01    4141416.41        1.25139                      579225.01
4141416.41        1.06156
         579245.01    4141416.41        0.91360                      579265.01
4141416.41        0.79697
         579285.01    4141416.41        0.70157                      579305.01
4141416.41        0.62463
         578385.01    4141436.41        0.05658                      578405.01
4141436.41        0.06177
         578425.01    4141436.41        0.06786                      578445.01
4141436.41        0.07524
         578465.01    4141436.41        0.08394                      578485.01
4141436.41        0.09449
         578505.01    4141436.41        0.10694                      578525.01
4141436.41        0.12335
         578545.01    4141436.41        0.14390                      578565.01
4141436.41        0.17100
         578585.01    4141436.41        0.20946                      578605.01
4141436.41        0.26467
         578625.01    4141436.41        0.34884                      578645.01
4141436.41        0.48370
         579025.01    4141436.41       21.68377                      579045.01
4141436.41       13.27255
         579065.01    4141436.41        8.24649                      579085.01
4141436.41        5.52688
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	3.88494	579125.01	4141436.41	2.86232
579145.01	4141436.41	2.19606	579165.01	4141436.41	1.74232
579185.01	4141436.41	1.42227	579205.01	4141436.41	1.18833
579225.01	4141436.41	1.01166	579245.01	4141436.41	0.87403
579265.01	4141436.41	0.76381	579285.01	4141436.41	0.67481
579305.01	4141436.41	0.60148	579325.01	4141436.41	0.53946
578385.01	4141456.41	0.05810	578405.01	4141456.41	0.06339
578425.01	4141456.41	0.06957	578445.01	4141456.41	0.07698
578465.01	4141456.41	0.08575	578485.01	4141456.41	0.09645
578505.01	4141456.41	0.10875	578525.01	4141456.41	0.12548
578545.01	4141456.41	0.14494	578565.01	4141456.41	0.17184
578585.01	4141456.41	0.20894	578605.01	4141456.41	0.26126
578625.01	4141456.41	0.34154	578645.01	4141456.41	0.47425
579045.01	4141456.41	12.39013	579065.01	4141456.41	7.80727
579085.01	4141456.41	5.14535	579105.01	4141456.41	3.58910
579125.01	4141456.41	2.64440	579145.01	4141456.41	2.03926
579165.01	4141456.41	1.62731	579185.01	4141456.41	1.33658
579205.01	4141456.41	1.12263	579225.01	4141456.41	0.96033
579245.01	4141456.41	0.83168	579265.01		

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4141456.41        0.72917
         578385.01    4141476.41        0.05971                       578405.01
4141476.41        0.06522
         578425.01    4141476.41        0.07160                       578445.01
4141476.41        0.07900
         578465.01    4141476.41        0.08797                       578485.01
4141476.41        0.09899
         578505.01    4141476.41        0.11171                       578525.01
4141476.41        0.12889
         578545.01    4141476.41        0.14754                       578565.01
4141476.41        0.17383
         578585.01    4141476.41        0.20936                       578605.01
4141476.41        0.25973
         578625.01    4141476.41        0.33600                       578645.01
4141476.41        0.46398
         579065.01    4141476.41        7.10941                       579085.01
4141476.41        4.65578
         579105.01    4141476.41        3.23761                       579125.01
4141476.41        2.39631
         579145.01    4141476.41        1.86641                       579165.01
4141476.41        1.50676
         579185.01    4141476.41        1.24475                       579205.01
4141476.41        1.05166
         579225.01    4141476.41        0.90390                       578385.01
4141496.41        0.06141
         578405.01    4141496.41        0.06719                       578425.01
4141496.41        0.07380
         578445.01    4141496.41        0.08152                       578465.01
4141496.41        0.09076
         578485.01    4141496.41        0.10210                       578505.01
4141496.41        0.11523
         578525.01    4141496.41        0.13308                       578545.01
4141496.41        0.15209
         578565.01    4141496.41        0.17807                       578585.01
4141496.41        0.21299
         578605.01    4141496.41        0.26146                       578625.01
4141496.41        0.33333
         578645.01    4141496.41        0.45436                       579085.01
4141496.41        4.08364
         579105.01    4141496.41        2.86028                       579125.01
4141496.41        2.14264
         579145.01    4141496.41        1.68995                       579165.01
4141496.41        1.37938
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                  PAGE 154
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***

INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	1.15066	579205.01	4141496.41	0.97827
578385.01	4141516.41	0.06297	578405.01	4141516.41	0.06916
578425.01	4141516.41	0.07624	578445.01	4141516.41	0.08433
578465.01	4141516.41	0.09401	578485.01	4141516.41	0.10578
578505.01	4141516.41	0.11960	578525.01	4141516.41	0.13859
578545.01	4141516.41	0.15820	578565.01	4141516.41	0.18566
578585.01	4141516.41	0.22135	578605.01	4141516.41	0.27025
578625.01	4141516.41	0.34165	578645.01	4141516.41	0.45679
579085.01	4141516.41	3.45604	579105.01	4141516.41	2.47847
579125.01	4141516.41	1.89561	579145.01	4141516.41	1.51623
579165.01	4141516.41	1.25030	578385.01	4141536.41	0.06485
578405.01	4141536.41	0.07118	578425.01	4141536.41	0.07869
578445.01	4141536.41	0.08753	578465.01	4141536.41	0.09780
578485.01	4141536.41	0.11024	578505.01	4141536.41	0.12494
578525.01	4141536.41	0.14585	578545.01	4141536.41	0.16627
578565.01	4141536.41	0.19627	578585.01	4141536.41	0.23514
578605.01	4141536.41	0.28768	578625.01	4141536.41	0.36448
578645.01	4141536.41	0.48270	578665.01		

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4141536.41        0.68658
         579105.01    4141536.41        2.11580                     579125.01
4141536.41        1.65628
         579185.01    4141536.41        0.94965                     578385.01
4141556.41        0.06702
         578405.01    4141556.41        0.07371                     578425.01
4141556.41        0.08154
         578445.01    4141556.41        0.09091                     578465.01
4141556.41        0.10215
         578485.01    4141556.41        0.11548                     578505.01
4141556.41        0.13161
         578525.01    4141556.41        0.15358                     578545.01
4141556.41        0.17682
         578565.01    4141556.41        0.20999                     578585.01
4141556.41        0.25388
         578605.01    4141556.41        0.31526                     578625.01
4141556.41        0.40425
         578645.01    4141556.41        0.54361                     578665.01
4141556.41        0.78381
         578685.01    4141556.41        1.26820                     579165.01
4141556.41        0.98819
         579185.01    4141556.41        0.84563                     579205.01
4141556.41        0.73331
         578385.01    4141576.41        0.06964                     578405.01
4141576.41        0.07675
         578425.01    4141576.41        0.08517                     578445.01
4141576.41        0.09524
         578465.01    4141576.41        0.10717                     578485.01
4141576.41        0.12176
         578505.01    4141576.41        0.14000                     578525.01
4141576.41        0.16428
         578545.01    4141576.41        0.19178                     578565.01
4141576.41        0.22967
         578585.01    4141576.41        0.28109                     578605.01
4141576.41        0.35426
         578625.01    4141576.41        0.46474                     578645.01
4141576.41        0.64636
         578665.01    4141576.41        0.96617                     578685.01
4141576.41        1.57581
         578705.01    4141576.41        2.53515                     579145.01
4141576.41        1.00810
         579165.01    4141576.41        0.85854                     579185.01
4141576.41        0.74263
         579205.01    4141576.41        0.64924                     579225.01
4141576.41        0.57305
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.50927	579265.01	4141576.41	0.45688
578385.01	4141596.41	0.07274	578405.01	4141596.41	0.08060
578425.01	4141596.41	0.08969	578445.01	4141596.41	0.10074
578465.01	4141596.41	0.11397	578485.01	4141596.41	0.13025
578505.01	4141596.41	0.15118	578525.01	4141596.41	0.17841
578545.01	4141596.41	0.21117	578565.01	4141596.41	0.25688
578585.01	4141596.41	0.31915	578605.01	4141596.41	0.40858
578625.01	4141596.41	0.54521	578645.01	4141596.41	0.76570
578665.01	4141596.41	1.13499	578685.01	4141596.41	1.70394
578705.01	4141596.41	2.40189	578725.01	4141596.41	3.17347
578745.01	4141596.41	3.95545	579105.01	4141596.41	1.19260
579145.01	4141596.41	0.85122	579165.01	4141596.41	0.73556
579185.01	4141596.41	0.64323	579205.01	4141596.41	0.56808
579225.01	4141596.41	0.50561	579245.01	4141596.41	0.45304
579265.01	4141596.41	0.40906	579285.01	4141596.41	0.36898
579305.01	4141596.41	0.33687	579325.01	4141596.41	0.30844
579345.01	4141596.41	0.28433	578385.01		

4141616.41 0.07632
578405.01 4141616.41 0.08506 578425.01
4141616.41 0.09539
578445.01 4141616.41 0.10768 578465.01
4141616.41 0.12264
578485.01 4141616.41 0.14120 578505.01
4141616.41 0.16506
578525.01 4141616.41 0.19746 578545.01
4141616.41 0.23534
578565.01 4141616.41 0.29018 578585.01
4141616.41 0.36503
578605.01 4141616.41 0.47269 578625.01
4141616.41 0.63237
578645.01 4141616.41 0.86900 578665.01
4141616.41 1.21721
578685.01 4141616.41 1.68217 578705.01
4141616.41 2.22012
578725.01 4141616.41 2.77916 578745.01
4141616.41 3.38731
579065.01 4141616.41 1.37540 579085.01
4141616.41 1.13424
579105.01 4141616.41 0.95621 579125.01
4141616.41 0.82019
579165.01 4141616.41 0.62373 579185.01
4141616.41 0.55270
579205.01 4141616.41 0.49299 579225.01
4141616.41 0.44228
579245.01 4141616.41 0.39933 579265.01
4141616.41 0.36266
579285.01 4141616.41 0.32862 579305.01
4141616.41 0.30158
579325.01 4141616.41 0.27798 579345.01
4141616.41 0.25773
578385.01 4141636.41 0.08075 578405.01
4141636.41 0.09041
578425.01 4141636.41 0.10196 578445.01
4141636.41 0.11603
578465.01 4141636.41 0.13330 578485.01
4141636.41 0.15448
578505.01 4141636.41 0.18185 578525.01
4141636.41 0.21779
578545.01 4141636.41 0.26367 578565.01
4141636.41 0.32679
578585.01 4141636.41 0.41470 578605.01
4141636.41 0.53594
578625.01 4141636.41 0.70424 578645.01
4141636.41 0.93716

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	1.23927	578685.01	4141636.41	1.60802
578705.01	4141636.41	2.01977	578725.01	4141636.41	2.44483
579045.01	4141636.41	1.27788	579065.01	4141636.41	1.05338
579085.01	4141636.41	0.89141	579105.01	4141636.41	0.76780
579125.01	4141636.41	0.66926	579165.01	4141636.41	0.52585
579185.01	4141636.41	0.47018	579205.01	4141636.41	0.42361
579225.01	4141636.41	0.38363	579245.01	4141636.41	0.34944
579265.01	4141636.41	0.31911	579285.01	4141636.41	0.29218
579305.01	4141636.41	0.26950	579325.01	4141636.41	0.24935
579345.01	4141636.41	0.23162	578385.01	4141656.41	0.08619
578405.01	4141656.41	0.09700	578425.01	4141656.41	0.10978
578445.01	4141656.41	0.12562	578465.01	4141656.41	0.14574
578485.01	4141656.41	0.17021	578505.01	4141656.41	0.20267
578525.01	4141656.41	0.24233	578545.01	4141656.41	0.29491
578565.01	4141656.41	0.36543	578585.01	4141656.41	0.46012
578605.01	4141656.41	0.58715	578625.01		

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4141656.41        0.75682
         578645.01    4141656.41        0.96922                    578665.01
4141656.41        1.22457
         578685.01    4141656.41        1.52590                    578705.01
4141656.41        1.83506
         578725.01    4141656.41        2.17670                    579005.01
4141656.41        1.47287
         579025.01    4141656.41        1.17505                    579045.01
4141656.41        0.96867
         579065.01    4141656.41        0.82002                    579085.01
4141656.41        0.70707
         579105.01    4141656.41        0.61918                    579125.01
4141656.41        0.54896
         579145.01    4141656.41        0.49034                    579185.01
4141656.41        0.39885
         579205.01    4141656.41        0.36301                    579225.01
4141656.41        0.33187
         579245.01    4141656.41        0.30511                    579265.01
4141656.41        0.27974
         579285.01    4141656.41        0.25838                    579305.01
4141656.41        0.24005
         579325.01    4141656.41        0.22279                    579345.01
4141656.41        0.20763
         578385.01    4141676.41        0.09265                    578405.01
4141676.41        0.10456
         578425.01    4141676.41        0.11895                    578445.01
4141676.41        0.13689
         578465.01    4141676.41        0.15972                    578485.01
4141676.41        0.18755
         578505.01    4141676.41        0.22434                    578525.01
4141676.41        0.26908
         578545.01    4141676.41        0.32723                    578565.01
4141676.41        0.40283
         578585.01    4141676.41        0.50098                    578605.01
4141676.41        0.62592
         578625.01    4141676.41        0.78365                    578645.01
4141676.41        0.97537
         578665.01    4141676.41        1.19445                    578685.01
4141676.41        1.42697
         578705.01    4141676.41        1.67831                    578985.01
4141676.41        1.33041
         579005.01    4141676.41        1.06992                    579025.01
4141676.41        0.88510
         579045.01    4141676.41        0.75046                    579065.01
4141676.41        0.64659
         579085.01    4141676.41        0.56710                    579105.01
4141676.41        0.50284
         579125.01    4141676.41        0.45015                    579145.01
4141676.41        0.40682
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.37064	579185.01	4141676.41	0.33888
579205.01	4141676.41	0.31113	579225.01	4141676.41	0.28667
579245.01	4141676.41	0.26550	579265.01	4141676.41	0.24637
579285.01	4141676.41	0.22856	579305.01	4141676.41	0.21238
579325.01	4141676.41	0.19896	579345.01	4141676.41	0.18704
578385.01	4141696.41	0.09988	578405.01	4141696.41	0.11319
578425.01	4141696.41	0.12972	578445.01	4141696.41	0.15042
578465.01	4141696.41	0.17539	578485.01	4141696.41	0.20607
578505.01	4141696.41	0.24625	578525.01	4141696.41	0.29607
578565.01	4141696.41	0.43593	578585.01	4141696.41	0.53355
578605.01	4141696.41	0.65309	578625.01	4141696.41	0.79490
578645.01	4141696.41	0.96221	578665.01	4141696.41	1.14446
578685.01	4141696.41	1.33551	578945.01	4141696.41	1.48858
578965.01	4141696.41	1.18940	578985.01	4141696.41	0.96810
579005.01	4141696.41	0.80510	579025.01		

4141696.41 0.68325
579045.01 4141696.41 0.59028 579065.01
4141696.41 0.51799
579085.01 4141696.41 0.45982 579105.01
4141696.41 0.41260
579125.01 4141696.41 0.37274 579145.01
4141696.41 0.34022
579165.01 4141696.41 0.31263 579185.01
4141696.41 0.28826
579205.01 4141696.41 0.26685 579225.01
4141696.41 0.24788
579245.01 4141696.41 0.23038 579265.01
4141696.41 0.21569
579285.01 4141696.41 0.20191 579305.01
4141696.41 0.18843
579325.01 4141696.41 0.17763 579345.01
4141696.41 0.16762
578385.01 4141716.41 0.10806 578405.01
4141716.41 0.12315
578425.01 4141716.41 0.14187 578445.01
4141716.41 0.16460
578465.01 4141716.41 0.19153 578485.01
4141716.41 0.22500
578505.01 4141716.41 0.26844 578525.01
4141716.41 0.32208
578605.01 4141716.41 0.66705 578625.01
4141716.41 0.79551
578645.01 4141716.41 0.93920 578665.01
4141716.41 1.08911
578685.01 4141716.41 1.24980 578905.01
4141716.41 1.60600
578925.01 4141716.41 1.31123 578945.01
4141716.41 1.07182
578965.01 4141716.41 0.88124 578985.01
4141716.41 0.73511
579005.01 4141716.41 0.62416 579025.01
4141716.41 0.54029
579045.01 4141716.41 0.47400 579065.01
4141716.41 0.42031
579085.01 4141716.41 0.37728 579105.01
4141716.41 0.34238
579125.01 4141716.41 0.31238 579145.01
4141716.41 0.28663
579165.01 4141716.41 0.26537 579185.01
4141716.41 0.24639
579205.01 4141716.41 0.22962 579225.01
4141716.41 0.21466
579245.01 4141716.41 0.19995 579265.01
4141716.41 0.18844
579285.01 4141716.41 0.17752 579305.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.15768	579345.01	4141716.41	0.14962
578385.01	4141736.41	0.11706	578405.01	4141736.41	0.13417
578425.01	4141736.41	0.15462	578445.01	4141736.41	0.17863
578465.01	4141736.41	0.20763	578485.01	4141736.41	0.24359
578505.01	4141736.41	0.29290	578625.01	4141736.41	0.78528
578645.01	4141736.41	0.90458	578665.01	4141736.41	1.03100
578865.01	4141736.41	1.68737	578885.01	4141736.41	1.42851
578905.01	4141736.41	1.18795	578925.01	4141736.41	0.98269
578945.01	4141736.41	0.81617	578965.01	4141736.41	0.68205
578985.01	4141736.41	0.57963	579005.01	4141736.41	0.50023
579025.01	4141736.41	0.43790	579045.01	4141736.41	0.38786
579065.01	4141736.41	0.34771	579085.01	4141736.41	0.31500
579105.01	4141736.41	0.28765	579125.01	4141736.41	0.26422
579145.01	4141736.41	0.24427	579165.01		

4141736.41 0.22705
579185.01 4141736.41 0.21199 579205.01
4141736.41 0.19864
579225.01 4141736.41 0.18668 579245.01
4141736.41 0.17554
579265.01 4141736.41 0.16525 579285.01
4141736.41 0.15641
579305.01 4141736.41 0.14868 579325.01
4141736.41 0.14113
579345.01 4141736.41 0.13413 578385.01
4141756.41 0.12723
578405.01 4141756.41 0.14565 578425.01
4141756.41 0.16738
578445.01 4141756.41 0.19324 578465.01
4141756.41 0.22403
578485.01 4141756.41 0.26375 578845.01
4141756.41 1.45219
578865.01 4141756.41 1.27155 578885.01
4141756.41 1.08520
578905.01 4141756.41 0.91524 578925.01
4141756.41 0.76835
578945.01 4141756.41 0.64606 578965.01
4141756.41 0.54910
578985.01 4141756.41 0.47188 579005.01
4141756.41 0.41152
579025.01 4141756.41 0.36372 579045.01
4141756.41 0.32528
579065.01 4141756.41 0.29364 579085.01
4141756.41 0.26735
579105.01 4141756.41 0.24502 579125.01
4141756.41 0.22614
579145.01 4141756.41 0.21000 579165.01
4141756.41 0.19604
579185.01 4141756.41 0.18381 579205.01
4141756.41 0.17297
579225.01 4141756.41 0.16326 579245.01
4141756.41 0.15447
579265.01 4141756.41 0.14646 579285.01
4141756.41 0.13868
579305.01 4141756.41 0.13187 579325.01
4141756.41 0.12604
579345.01 4141756.41 0.12018 578385.01
4141776.41 0.13734
578405.01 4141776.41 0.15714 578425.01
4141776.41 0.17957
578445.01 4141776.41 0.20643 578465.01
4141776.41 0.23920
578485.01 4141776.41 0.27991 578825.01
4141776.41 1.23277
578845.01 4141776.41 1.12452 578865.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	0.61979	578945.01	4141776.41	0.52818
578965.01	4141776.41	0.45242	578985.01	4141776.41	0.39389
579005.01	4141776.41	0.34724	579025.01	4141776.41	0.30931
579045.01	4141776.41	0.27788	579065.01	4141776.41	0.25197
579085.01	4141776.41	0.23006	579105.01	4141776.41	0.21161
579125.01	4141776.41	0.19595	579145.01	4141776.41	0.18254
579165.01	4141776.41	0.17093	579185.01	4141776.41	0.16076
579205.01	4141776.41	0.15177	579225.01	4141776.41	0.14371
579245.01	4141776.41	0.13643	579265.01	4141776.41	0.12979
579285.01	4141776.41	0.12369	579305.01	4141776.41	0.11742
579325.01	4141776.41	0.11282	579345.01	4141776.41	0.10793
578405.01	4141796.41	0.16780	578425.01	4141796.41	0.19133
578445.01	4141796.41	0.21916	578465.01		

4141796.41 0.25506
578805.01 4141796.41 1.05978 578825.01
4141796.41 0.98594
578845.01 4141796.41 0.88780 578865.01
4141796.41 0.79173
578885.01 4141796.41 0.68711 578905.01
4141796.41 0.59178
578925.01 4141796.41 0.51044 578945.01
4141796.41 0.43991
578965.01 4141796.41 0.38244 578985.01
4141796.41 0.33624
579005.01 4141796.41 0.29846 579025.01
4141796.41 0.26723
579045.01 4141796.41 0.24116 579065.01
4141796.41 0.21927
579085.01 4141796.41 0.20080 579105.01
4141796.41 0.18516
579125.01 4141796.41 0.17185 579145.01
4141796.41 0.16043
579165.01 4141796.41 0.15054 579185.01
4141796.41 0.14188
579205.01 4141796.41 0.13424 579225.01
4141796.41 0.12741
579245.01 4141796.41 0.12117 579265.01
4141796.41 0.11564
579285.01 4141796.41 0.11018 579305.01
4141796.41 0.10523
579325.01 4141796.41 0.10090 579345.01
4141796.41 0.09682
578445.01 4141816.41 0.23189 578585.01
4141816.41 0.55177
578605.01 4141816.41 0.61231 578665.01
4141816.41 0.79018
578685.01 4141816.41 0.84252 578785.01
4141816.41 0.91963
578805.01 4141816.41 0.87202 578825.01
4141816.41 0.80255
578845.01 4141816.41 0.72139 578865.01
4141816.41 0.64252
578885.01 4141816.41 0.56478 578905.01
4141816.41 0.49087
578925.01 4141816.41 0.42805 578945.01
4141816.41 0.37375
578965.01 4141816.41 0.32850 578985.01
4141816.41 0.29102
579005.01 4141816.41 0.25997 579025.01
4141816.41 0.23394
579045.01 4141816.41 0.21197 579065.01
4141816.41 0.19332
579085.01 4141816.41 0.17747 579105.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.11972	579225.01	4141816.41	0.11382
579245.01	4141816.41	0.10829	579265.01	4141816.41	0.10302
579285.01	4141816.41	0.09883	579305.01	4141816.41	0.09520
579325.01	4141816.41	0.09115	579345.01	4141816.41	0.08760
578565.01	4141836.41	0.48453	578585.01	4141836.41	0.53428
578605.01	4141836.41	0.58710	578625.01	4141836.41	0.63732
578645.01	4141836.41	0.68434	578665.01	4141836.41	0.72863
578685.01	4141836.41	0.76606	578705.01	4141836.41	0.79506
578725.01	4141836.41	0.81442	578765.01	4141836.41	0.80557
578785.01	4141836.41	0.77352	578805.01	4141836.41	0.72484
578825.01	4141836.41	0.66367	578845.01	4141836.41	0.59775
578865.01	4141836.41	0.53508	578885.01		

4141836.41 0.47114
578905.01 4141836.41 0.41436 578925.01
4141836.41 0.36457
578945.01 4141836.41 0.32164 578965.01
4141836.41 0.28536
578985.01 4141836.41 0.25484 579005.01
4141836.41 0.22905
579025.01 4141836.41 0.20713 579045.01
4141836.41 0.18838
579065.01 4141836.41 0.17231 579085.01
4141836.41 0.15853
579105.01 4141836.41 0.14671 579125.01
4141836.41 0.13655
579145.01 4141836.41 0.12778 579165.01
4141836.41 0.12016
579185.01 4141836.41 0.11350 579205.01
4141836.41 0.10764
579225.01 4141836.41 0.10243 579245.01
4141836.41 0.09776
579265.01 4141836.41 0.09310 579285.01
4141836.41 0.08930
579305.01 4141836.41 0.08595 579325.01
4141836.41 0.08251
579345.01 4141836.41 0.07981 578565.01
4141856.41 0.47191
578585.01 4141856.41 0.51508 578605.01
4141856.41 0.55794
578625.01 4141856.41 0.59859 578645.01
4141856.41 0.63551
578665.01 4141856.41 0.66768 578685.01
4141856.41 0.69291
578705.01 4141856.41 0.70988 578725.01
4141856.41 0.71677
578745.01 4141856.41 0.71023 578765.01
4141856.41 0.69001
578785.01 4141856.41 0.65613 578805.01
4141856.41 0.61020
578825.01 4141856.41 0.55634 578845.01
4141856.41 0.50367
578865.01 4141856.41 0.45060 578885.01
4141856.41 0.39928
578905.01 4141856.41 0.35452 578925.01
4141856.41 0.31456
578945.01 4141856.41 0.28006 578965.01
4141856.41 0.25053
578985.01 4141856.41 0.22534 579005.01
4141856.41 0.20372
579025.01 4141856.41 0.18507 579045.01
4141856.41 0.16894
579065.01 4141856.41 0.15497 579085.01

4141856.41 0.14287
  579105.01 4141856.41 0.13244 579125.01
4141856.41 0.12340
  579145.01 4141856.41 0.11556 579165.01
4141856.41 0.10874
  579185.01 4141856.41 0.10278 579205.01
4141856.41 0.09752

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.09285	579245.01	4141856.41	0.08867
579265.01	4141856.41	0.08473	579285.01	4141856.41	0.08148
579305.01	4141856.41	0.07835	579325.01	4141856.41	0.07509
579345.01	4141856.41	0.07278	578545.01	4141876.41	0.41818
578565.01	4141876.41	0.45563	578585.01	4141876.41	0.49195
578605.01	4141876.41	0.52682	578625.01	4141876.41	0.55885
578645.01	4141876.41	0.58686	578665.01	4141876.41	0.60947
578685.01	4141876.41	0.62520	578705.01	4141876.41	0.63304
578725.01	4141876.41	0.63059	578745.01	4141876.41	0.61737
578765.01	4141876.41	0.59335	578785.01	4141876.41	0.55963
578805.01	4141876.41	0.51845	578825.01		

4141876.41 0.47326
578845.01 4141876.41 0.42762 578865.01
4141876.41 0.38335
578885.01 4141876.41 0.34296 578905.01
4141876.41 0.30677
578925.01 4141876.41 0.27437 578945.01
4141876.41 0.24629
578965.01 4141876.41 0.22197 578985.01
4141876.41 0.20088
579005.01 4141876.41 0.18256 579025.01
4141876.41 0.16659
579045.01 4141876.41 0.15262 579065.01
4141876.41 0.14040
579085.01 4141876.41 0.12973 579105.01
4141876.41 0.12045
579125.01 4141876.41 0.11237 579145.01
4141876.41 0.10531
579165.01 4141876.41 0.09914 579185.01
4141876.41 0.09374
579205.01 4141876.41 0.08897 579225.01
4141876.41 0.08474
579245.01 4141876.41 0.08096 579265.01
4141876.41 0.07747
579285.01 4141876.41 0.07447 579305.01
4141876.41 0.07165
579325.01 4141876.41 0.06877 579345.01
4141876.41 0.06667
578545.01 4141896.41 0.40501 578565.01
4141896.41 0.43659
578585.01 4141896.41 0.46689 578605.01
4141896.41 0.49518
578625.01 4141896.41 0.51970 578645.01
4141896.41 0.53981
578665.01 4141896.41 0.55494 578685.01
4141896.41 0.56326
578705.01 4141896.41 0.56313 578725.01
4141896.41 0.55518
578745.01 4141896.41 0.53859 578765.01
4141896.41 0.51336
578785.01 4141896.41 0.48151 578805.01
4141896.41 0.44476
578825.01 4141896.41 0.40620 578845.01
4141896.41 0.36732
578865.01 4141896.41 0.33102 578885.01
4141896.41 0.29802
578905.01 4141896.41 0.26798 578925.01
4141896.41 0.24133
578945.01 4141896.41 0.21837 578965.01
4141896.41 0.19816
578985.01 4141896.41 0.18038 579005.01

4141896.41 0.16474
579025.01 4141896.41 0.15092 579045.01
4141896.41 0.13873
579065.01 4141896.41 0.12799 579085.01
4141896.41 0.11853
579105.01 4141896.41 0.11024 579125.01
4141896.41 0.10297
579145.01 4141896.41 0.09658 579165.01
4141896.41 0.09097

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.08605	579205.01	4141896.41	0.08169
579225.01	4141896.41	0.07782	579245.01	4141896.41	0.07435
579265.01	4141896.41	0.07124	579285.01	4141896.41	0.06843
579305.01	4141896.41	0.06587	579325.01	4141896.41	0.06352
579345.01	4141896.41	0.06136	578565.01	4141916.41	0.41676
578585.01	4141916.41	0.44060	578605.01	4141916.41	0.46293
578625.01	4141916.41	0.48112	578645.01	4141916.41	0.49505
578665.01	4141916.41	0.50385	578685.01	4141916.41	0.50585
578705.01	4141916.41	0.50115	578725.01	4141916.41	0.48980
578745.01	4141916.41	0.47060	578765.01		

4141916.41 0.44617
578785.01 4141916.41 0.41699 578805.01
4141916.41 0.38508
578825.01 4141916.41 0.35157 578845.01
4141916.41 0.31892
578865.01 4141916.41 0.28869 578885.01
4141916.41 0.26122
578905.01 4141916.41 0.23658 578925.01
4141916.41 0.21462
578945.01 4141916.41 0.19509 578965.01
4141916.41 0.17811
578985.01 4141916.41 0.16296 579005.01
4141916.41 0.14950
579025.01 4141916.41 0.13750 579045.01
4141916.41 0.12680
579065.01 4141916.41 0.11729 579085.01
4141916.41 0.10887
579105.01 4141916.41 0.10144 579125.01
4141916.41 0.09486
579145.01 4141916.41 0.08907 579165.01
4141916.41 0.08395
579185.01 4141916.41 0.07943 578386.27
4141125.26 0.05617
578406.27 4141125.26 0.06311 578426.27
4141125.26 0.07103
578446.27 4141125.26 0.08046 578466.27
4141125.26 0.09214
578486.27 4141125.26 0.10583 578506.27
4141125.26 0.12227
578526.27 4141125.26 0.14099 578546.27
4141125.26 0.16329
578566.27 4141125.26 0.18968 578586.27
4141125.26 0.22158
578606.27 4141125.26 0.26045 578626.27
4141125.26 0.30458
578646.27 4141125.26 0.35835 578666.27
4141125.26 0.43083
578686.27 4141125.26 0.49975 578706.27
4141125.26 0.58983
578726.27 4141125.26 0.69822 578746.27
4141125.26 0.84339
578766.27 4141125.26 0.99530 578786.27
4141125.26 1.16618
578806.27 4141125.26 1.35836 578826.27
4141125.26 1.55904
578846.27 4141125.26 1.76755 578866.27
4141125.26 1.98061
578886.27 4141125.26 2.19339 578906.27
4141125.26 2.39528
578926.27 4141125.26 2.57075 578946.27

4141125.26 2.72329
  578966.27 4141125.26 2.84716 578986.27 4141125.26 2.93854
  579006.27 4141125.26 2.99290 579026.27 4141125.26 3.00787
  579046.27 4141125.26 2.97238 579066.27 4141125.26 2.88359
  579086.27 4141125.26 2.75594 579106.27 4141125.26 2.59601
  579126.27 4141125.26 2.41025 579146.27 4141125.26 2.20468

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.98902	579186.27	4141125.26	1.78245
579206.27	4141125.26	1.59179	578386.27	4141145.26	0.05527
578406.27	4141145.26	0.06207	578426.27	4141145.26	0.07023
578446.27	4141145.26	0.07949	578466.27	4141145.26	0.09077
578486.27	4141145.26	0.10485	578506.27	4141145.26	0.12129
578526.27	4141145.26	0.14111	578546.27	4141145.26	0.16399
578566.27	4141145.26	0.19177	578586.27	4141145.26	0.22448
578606.27	4141145.26	0.26484	578626.27	4141145.26	0.31857
578646.27	4141145.26	0.37747	578666.27		

4141145.26 0.43956
578686.27 4141145.26 0.52287 578706.27
4141145.26 0.62360
578726.27 4141145.26 0.76072 578746.27
4141145.26 0.90715
578766.27 4141145.26 1.07573 578786.27
4141145.26 1.26780
578806.27 4141145.26 1.48250 578826.27
4141145.26 1.71203
578846.27 4141145.26 1.94343 578866.27
4141145.26 2.18295
578886.27 4141145.26 2.41584 578906.27
4141145.26 2.63454
578926.27 4141145.26 2.83135 578946.27
4141145.26 2.99422
578966.27 4141145.26 3.12344 578986.27
4141145.26 3.21820
579006.27 4141145.26 3.26918 579026.27
4141145.26 3.26658
579046.27 4141145.26 3.20783 579066.27
4141145.26 3.10171
579086.27 4141145.26 2.95412 579106.27
4141145.26 2.75738
579126.27 4141145.26 2.53816 579146.27
4141145.26 2.29772
579166.27 4141145.26 2.05599 579186.27
4141145.26 1.82402
579206.27 4141145.26 1.61470 578723.62
4141929.59 0.45238
578743.62 4141929.59 0.43357 578763.62
4141929.59 0.40990
578783.62 4141929.59 0.38271 578803.62
4141929.59 0.35328
578823.62 4141929.59 0.32309 578843.62
4141929.59 0.29412
578863.62 4141929.59 0.26705 578883.62
4141929.59 0.24243
578903.62 4141929.59 0.22027 578923.62
4141929.59 0.20055
578943.62 4141929.59 0.18308 578963.62
4141929.59 0.16757
578983.62 4141929.59 0.15377 579003.62
4141929.59 0.14143
579023.62 4141929.59 0.13037 579043.62
4141929.59 0.12046
579063.62 4141929.59 0.11161 579083.62
4141929.59 0.10371
579103.62 4141929.59 0.09671 579123.62
4141929.59 0.09051
579143.62 4141929.59 0.08501 579163.62

4141929.59 0.08014
579183.62 4141929.59 0.07584 578725.67
4141942.60 0.41576
578745.67 4141942.60 0.39717 578765.67
4141942.60 0.37397
578785.67 4141942.60 0.34804 578805.67
4141942.60 0.32067
578825.67 4141942.60 0.29360 578845.67
4141942.60 0.26787
578865.67 4141942.60 0.24390 578885.67
4141942.60 0.22213
578905.67 4141942.60 0.20259 578925.67
4141942.60 0.18517

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
578945.67 4141942.60 0.16967 578965.67
4141942.60 0.15583
578985.67 4141942.60 0.14344 579005.67
4141942.60 0.13229
579025.67 4141942.60 0.12225 579045.67
4141942.60 0.11321
579065.67 4141942.60 0.10510 579085.67
4141942.60 0.09784
579105.67 4141942.60 0.09137 579125.67
4141942.60 0.08561
579145.67 4141942.60 0.08050 579165.67
4141942.60 0.07596
579185.67 4141942.60 0.07193 578745.52
4141955.60 0.36570
578765.52 4141955.60 0.34410 578785.52

4141955.60 0.31990
578805.52 4141955.60 0.29479 578825.52
4141955.60 0.27039
578845.52 4141955.60 0.24727 578865.52
4141955.60 0.22580
578885.52 4141955.60 0.20632 578905.52
4141955.60 0.18881
578925.52 4141955.60 0.17316 578945.52
4141955.60 0.15917
578965.52 4141955.60 0.14662 578985.52
4141955.60 0.13532
579005.52 4141955.60 0.12510 579025.52
4141955.60 0.11585
579045.52 4141955.60 0.10749 579065.52
4141955.60 0.09995
579085.52 4141955.60 0.09318 579105.52
4141955.60 0.08711
579125.52 4141955.60 0.08170 579145.52
4141955.60 0.07687
579165.52 4141955.60 0.07257 579185.52
4141955.60 0.06874
578785.22 4141971.34 0.29002 578805.22
4141971.34 0.26768
578825.22 4141971.34 0.24595 578845.22
4141971.34 0.22546
578865.22 4141971.34 0.20654 578885.22
4141971.34 0.18947
578905.22 4141971.34 0.17407 578925.22
4141971.34 0.16025
578945.22 4141971.34 0.14782 578965.22
4141971.34 0.13661
578985.22 4141971.34 0.12646 579005.22
4141971.34 0.11722
579025.22 4141971.34 0.10882 579045.22
4141971.34 0.10119
579065.22 4141971.34 0.09428 579085.22
4141971.34 0.08803
579105.22 4141971.34 0.08241 579125.22
4141971.34 0.07738
579145.22 4141971.34 0.07286 579165.22
4141971.34 0.06884
579185.22 4141971.34 0.06523 578790.01
4141986.40 0.25935
578810.01 4141986.40 0.23980 578830.01
4141986.40 0.22065
578850.01 4141986.40 0.20276 578870.01
4141986.40 0.18641
578890.01 4141986.40 0.17164 578910.01
4141986.40 0.15830
578930.01 4141986.40 0.14629 578950.01

4141986.40 0.13543
578970.01 4141986.40 0.12557 578990.01
4141986.40 0.11659
579010.01 4141986.40 0.10837 579030.01
4141986.40 0.10086
579050.01 4141986.40 0.09401 579070.01
4141986.40 0.08778
579090.01 4141986.40 0.08215 579110.01
4141986.40 0.07705
579130.01 4141986.40 0.07247 579150.01
4141986.40 0.06835
579170.01 4141986.40 0.06466 579190.01
4141986.40 0.06134
578810.54 4142001.46 0.21946 578830.54
4142001.46 0.20237

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.18644	578870.54	4142001.46	0.17197
578890.54	4142001.46	0.15887	578910.54	4142001.46	0.14701
578930.54	4142001.46	0.13628	578950.54	4142001.46	0.12653
578970.54	4142001.46	0.11764	578990.54	4142001.46	0.10949
579010.54	4142001.46	0.10201	579030.54	4142001.46	0.09514
579050.54	4142001.46	0.08885	579070.54	4142001.46	0.08311
579090.54	4142001.46	0.07789	579110.54		

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.04506	578405.01	4141176.41	0.05025
578425.01	4141176.41	0.05643	578445.01	4141176.41	0.06392
578465.01	4141176.41	0.07263	578485.01	4141176.41	0.08338
578505.01	4141176.41	0.09696	578525.01	4141176.41	0.11339
578545.01	4141176.41	0.13399	578565.01	4141176.41	0.15854
578585.01	4141176.41	0.18876	578605.01	4141176.41	0.22537
578625.01	4141176.41	0.26900	578645.01	4141176.41	0.32209
578665.01	4141176.41	0.38876	578685.01	4141176.41	0.47315
578705.01	4141176.41	0.57697	578725.01	4141176.41	0.70740
578745.01	4141176.41	0.87304	578765.01	4141176.41	1.07489
578785.01	4141176.41	1.32086	578805.01	4141176.41	1.60770
578825.01	4141176.41	1.93128	578845.01		

4141176.41 2.27780
578865.01 4141176.41 2.61463 578885.01
4141176.41 2.93856
578905.01 4141176.41 3.23239 578925.01
4141176.41 3.49214
578945.01 4141176.41 3.71728 578965.01
4141176.41 3.89125
578985.01 4141176.41 4.01571 579005.01
4141176.41 4.07747
579025.01 4141176.41 4.08034 579045.01
4141176.41 4.00442
579065.01 4141176.41 3.83169 579085.01
4141176.41 3.55902
579105.01 4141176.41 3.21661 579125.01
4141176.41 2.84059
579145.01 4141176.41 2.46639 579165.01
4141176.41 2.11825
579185.01 4141176.41 1.81958 579205.01
4141176.41 1.56308
579225.01 4141176.41 1.34860 578385.01
4141196.41 0.04430
578405.01 4141196.41 0.04941 578425.01
4141196.41 0.05551
578445.01 4141196.41 0.06272 578465.01
4141196.41 0.07146
578485.01 4141196.41 0.08219 578505.01
4141196.41 0.09544
578525.01 4141196.41 0.11208 578545.01
4141196.41 0.13273
578565.01 4141196.41 0.15824 578585.01
4141196.41 0.18950
578605.01 4141196.41 0.22737 578625.01
4141196.41 0.27370
578645.01 4141196.41 0.33222 578665.01
4141196.41 0.40609
578685.01 4141196.41 0.49667 578705.01
4141196.41 0.61110
578725.01 4141196.41 0.75686 578745.01
4141196.41 0.94294
578765.01 4141196.41 1.17728 578785.01
4141196.41 1.45796
578805.01 4141196.41 1.78819 578825.01
4141196.41 2.15416
578845.01 4141196.41 2.54226 578865.01
4141196.41 2.92773
578885.01 4141196.41 3.27841 578905.01
4141196.41 3.59533
578925.01 4141196.41 3.87391 578945.01
4141196.41 4.10945
578965.01 4141196.41 4.29665 578985.01

4141196.41 4.41380
 579005.01 4141196.41 4.47932 579025.01
4141196.41 4.47758
 579045.01 4141196.41 4.36693 579065.01
4141196.41 4.14600
 579085.01 4141196.41 3.80000 579105.01
4141196.41 3.38174

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	2.94185	579145.01	4141196.41	2.52530
579165.01	4141196.41	2.14897	579185.01	4141196.41	1.82529
579205.01	4141196.41	1.55693	579225.01	4141196.41	1.33601
579245.01	4141196.41	1.15392	578385.01	4141216.41	0.04361
578405.01	4141216.41	0.04863	578425.01	4141216.41	0.05457
578445.01	4141216.41	0.06165	578465.01	4141216.41	0.07027
578485.01	4141216.41	0.08083	578505.01	4141216.41	0.09380
578525.01	4141216.41	0.11055	578545.01	4141216.41	0.13133
578565.01	4141216.41	0.15735	578585.01	4141216.41	0.18975
578605.01	4141216.41	0.22941	578625.01	4141216.41	0.27924
578645.01	4141216.41	0.34279	578665.01		

4141216.41 0.42150
578685.01 4141216.41 0.52175 578705.01
4141216.41 0.64834
578725.01 4141216.41 0.81175 578745.01
4141216.41 1.02347
578765.01 4141216.41 1.29319 578785.01
4141216.41 1.62121
578805.01 4141216.41 2.00007 578825.01
4141216.41 2.41969
578845.01 4141216.41 2.85675 578925.01
4141216.41 4.30742
578945.01 4141216.41 4.55037 578965.01
4141216.41 4.76120
578985.01 4141216.41 4.89588 579005.01
4141216.41 4.95789
579025.01 4141216.41 4.92346 579045.01
4141216.41 4.77096
579065.01 4141216.41 4.48206 579085.01
4141216.41 4.05319
579105.01 4141216.41 3.54906 579125.01
4141216.41 3.04304
579145.01 4141216.41 2.57475 579165.01
4141216.41 2.16320
579185.01 4141216.41 1.82211 579205.01
4141216.41 1.54531
579225.01 4141216.41 1.32099 579245.01
4141216.41 1.13405
578385.01 4141236.41 0.04292 578405.01
4141236.41 0.04795
578425.01 4141236.41 0.05373 578445.01
4141236.41 0.06067
578465.01 4141236.41 0.06909 578485.01
4141236.41 0.07941
578505.01 4141236.41 0.09262 578525.01
4141236.41 0.10915
578545.01 4141236.41 0.12956 578565.01
4141236.41 0.15585
578585.01 4141236.41 0.18944 578605.01
4141236.41 0.23094
578625.01 4141236.41 0.28349 578645.01
4141236.41 0.35106
578665.01 4141236.41 0.43689 578685.01
4141236.41 0.54752
578705.01 4141236.41 0.68982 578725.01
4141236.41 0.87532
578745.01 4141236.41 1.11614 578765.01
4141236.41 1.42590
578785.01 4141236.41 1.81216 578805.01
4141236.41 2.25351
578825.01 4141236.41 2.73887 578945.01

4141236.41 5.07086
  578965.01 4141236.41 5.27879 578985.01
4141236.41 5.44620
  579005.01 4141236.41 5.49978 579025.01
4141236.41 5.44004
  579045.01 4141236.41 5.22745 579065.01
4141236.41 4.84182
  579085.01 4141236.41 4.32056 579105.01
4141236.41 3.71988

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	3.13038	579145.01	4141236.41	2.60454
579165.01	4141236.41	2.16737	579185.01	4141236.41	1.81161
579205.01	4141236.41	1.52659	579225.01	4141236.41	1.29872
579245.01	4141236.41	1.10989	578385.01	4141256.41	0.04244
578405.01	4141256.41	0.04731	578425.01	4141256.41	0.05309
578445.01	4141256.41	0.05985	578465.01	4141256.41	0.06801
578485.01	4141256.41	0.07813	578505.01	4141256.41	0.09113
578525.01	4141256.41	0.10726	578545.01	4141256.41	0.12753
578565.01	4141256.41	0.15397	578585.01	4141256.41	0.18839
578605.01	4141256.41	0.23218	578625.01		

4141256.41 0.28719
578645.01 4141256.41 0.35813 578665.01
4141256.41 0.45177
578685.01 4141256.41 0.57332 578705.01
4141256.41 0.73510
578725.01 4141256.41 0.94675 578745.01
4141256.41 1.22520
578765.01 4141256.41 1.58560 578785.01
4141256.41 2.03468
578805.01 4141256.41 2.56210 578965.01
4141256.41 5.89444
578985.01 4141256.41 6.05728 579005.01
4141256.41 6.13890
579025.01 4141256.41 6.03815 579045.01
4141256.41 5.75402
579065.01 4141256.41 5.25329 579085.01
4141256.41 4.59856
579105.01 4141256.41 3.87121 579125.01
4141256.41 3.19577
579145.01 4141256.41 2.62273 579165.01
4141256.41 2.16061
579185.01 4141256.41 1.79426 579205.01
4141256.41 1.50234
579225.01 4141256.41 1.26998 579245.01
4141256.41 1.08354
579265.01 4141256.41 0.93264 578385.01
4141276.41 0.04261
578405.01 4141276.41 0.04689 578425.01
4141276.41 0.05245
578445.01 4141276.41 0.05924 578465.01
4141276.41 0.06720
578485.01 4141276.41 0.07708 578505.01
4141276.41 0.08944
578525.01 4141276.41 0.10530 578545.01
4141276.41 0.12541
578565.01 4141276.41 0.15158 578585.01
4141276.41 0.18648
578605.01 4141276.41 0.23151 578625.01
4141276.41 0.29040
578645.01 4141276.41 0.36585 578665.01
4141276.41 0.46633
578685.01 4141276.41 0.60051 578705.01
4141276.41 0.78204
578725.01 4141276.41 1.02910 578745.01
4141276.41 1.35373
578765.01 4141276.41 1.78146 578785.01
4141276.41 2.31232
578985.01 4141276.41 6.79074 579005.01
4141276.41 6.86585
579025.01 4141276.41 6.76306 579045.01

4141276.41 6.37423
  579065.01 4141276.41 5.72231 579085.01
4141276.41 4.86898
  579105.01 4141276.41 4.00942 579125.01
4141276.41 3.24785
  579145.01 4141276.41 2.63114 579165.01
4141276.41 2.14363
  579185.01 4141276.41 1.76420 579205.01
4141276.41 1.46897
  579225.01 4141276.41 1.23788 579245.01
4141276.41 1.05498

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	0.91083	578385.01	4141296.41	0.04235
578405.01	4141296.41	0.04728	578425.01	4141296.41	0.05218
578445.01	4141296.41	0.05863	578465.01	4141296.41	0.06661
578485.01	4141296.41	0.07631	578505.01	4141296.41	0.08828
578525.01	4141296.41	0.10358	578545.01	4141296.41	0.12329
578565.01	4141296.41	0.14919	578585.01	4141296.41	0.18372
578605.01	4141296.41	0.22997	578625.01	4141296.41	0.29167
578645.01	4141296.41	0.37342	578665.01	4141296.41	0.48118
578685.01	4141296.41	0.62944	578705.01		

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4141296.41        0.83471
         578725.01    4141296.41        1.11924                   578745.01
4141296.41        1.50841
         579005.01    4141296.41        7.75305                   579025.01
4141296.41        7.61681
         579045.01    4141296.41        7.10217                   579065.01
4141296.41        6.20392
         579085.01    4141296.41        5.14210                   579105.01
4141296.41        4.13298
         579125.01    4141296.41        3.28260                   579145.01
4141296.41        2.61279
         579165.01    4141296.41        2.11018                   579185.01
4141296.41        1.72392
         579205.01    4141296.41        1.43035                   579225.01
4141296.41        1.20447
         579245.01    4141296.41        1.02715                   579265.01
4141296.41        0.88970
         579285.01    4141296.41        0.77984                   578385.01
4141316.41        0.04286
         578405.01    4141316.41        0.04707                   578425.01
4141316.41        0.05281
         578445.01    4141316.41        0.05865                   578465.01
4141316.41        0.06604
         578485.01    4141316.41        0.07551                   578505.01
4141316.41        0.08737
         578525.01    4141316.41        0.10226                   578545.01
4141316.41        0.12141
         578565.01    4141316.41        0.14690                   578585.01
4141316.41        0.18119
         578605.01    4141316.41        0.22812                   578625.01
4141316.41        0.29181
         578645.01    4141316.41        0.37906                   578665.01
4141316.41        0.49713
         578685.01    4141316.41        0.66077                   578705.01
4141316.41        0.89334
         578725.01    4141316.41        1.22513                   579025.01
4141316.41        8.65617
         579045.01    4141316.41        7.93998                   579065.01
4141316.41        6.74587
         579085.01    4141316.41        5.41419                   579105.01
4141316.41        4.22912
         579125.01    4141316.41        3.28485                   579145.01
4141316.41        2.57707
         579165.01    4141316.41        2.06188                   579185.01
4141316.41        1.67906
         579205.01    4141316.41        1.39047                   579225.01
4141316.41        1.17196
         579245.01    4141316.41        1.00443                   579265.01
4141316.41        0.87315
         579285.01    4141316.41        0.76792                   578385.01
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4141336.41 0.04384
578405.01 4141336.41 0.04780 578425.01
4141336.41 0.05268
578445.01 4141336.41 0.05899 578465.01
4141336.41 0.06687
578485.01 4141336.41 0.07523 578505.01
4141336.41 0.08651
578525.01 4141336.41 0.10110 578545.01
4141336.41 0.12005
578565.01 4141336.41 0.14471 578585.01
4141336.41 0.17845
578605.01 4141336.41 0.22547 578625.01
4141336.41 0.29120

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.38189	578665.01	4141336.41	0.51184
578685.01	4141336.41	0.69390	578705.01	4141336.41	0.96104
579025.01	4141336.41	10.01567	579045.01	4141336.41	8.97672
579065.01	4141336.41	7.33736	579085.01	4141336.41	5.65379
579105.01	4141336.41	4.27387	579125.01	4141336.41	3.25428
579145.01	4141336.41	2.52842	579165.01	4141336.41	2.00738
579185.01	4141336.41	1.63243	579205.01	4141336.41	1.35209
579225.01	4141336.41	1.14553	579245.01		

4141336.41 0.98448
579265.01 4141336.41 0.85823 579285.01
4141336.41 0.75773
578385.01 4141356.41 0.04532 578405.01
4141356.41 0.04923
578425.01 4141356.41 0.05398 578445.01
4141356.41 0.05965
578465.01 4141356.41 0.06673 578485.01
4141356.41 0.07621
578505.01 4141356.41 0.08711 578525.01
4141356.41 0.10045
578545.01 4141356.41 0.11878 578565.01
4141356.41 0.14325
578585.01 4141356.41 0.17604 578605.01
4141356.41 0.22275
578625.01 4141356.41 0.28910 578645.01
4141356.41 0.38422
578665.01 4141356.41 0.52344 578685.01
4141356.41 0.72937
579025.01 4141356.41 11.89568 579045.01
4141356.41 10.27703
579065.01 4141356.41 7.93278 579085.01
4141356.41 5.81654
579105.01 4141356.41 4.25875 579125.01
4141356.41 3.18989
579145.01 4141356.41 2.45865 579165.01
4141356.41 1.94777
579185.01 4141356.41 1.58537 579205.01
4141356.41 1.31893
579225.01 4141356.41 1.11891 579245.01
4141356.41 0.96485
579265.01 4141356.41 0.84452 579285.01
4141356.41 0.74750
579305.01 4141356.41 0.66831 578385.01
4141376.41 0.04714
578405.01 4141376.41 0.05105 578425.01
4141376.41 0.05565
578445.01 4141376.41 0.06127 578465.01
4141376.41 0.06802
578485.01 4141376.41 0.07628 578505.01
4141376.41 0.08716
578525.01 4141376.41 0.10150 578545.01
4141376.41 0.11813
578565.01 4141376.41 0.14195 578585.01
4141376.41 0.17445
578605.01 4141376.41 0.22031 578625.01
4141376.41 0.28694
578645.01 4141376.41 0.38565 578665.01
4141376.41 0.53515
578685.01 4141376.41 0.76574 579005.01

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4141376.41       15.09333
         579025.01    4141376.41       14.59061                       579045.01
4141376.41       11.80953
         579065.01    4141376.41        8.44031                       579085.01
4141376.41        5.87402
         579105.01    4141376.41        4.18013                       579125.01
4141376.41        3.09304
         579145.01    4141376.41        2.37739                       579165.01
4141376.41        1.88804
         579185.01    4141376.41        1.53975                       579205.01
4141376.41        1.28425
         579225.01    4141376.41        1.09295                       579245.01
4141376.41        0.94614
         579265.01    4141376.41        0.82982                       579285.01
4141376.41        0.73664
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                 *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP2   ***
                                    INCLUDING SOURCE(S):     ARCHD       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579305.01    4141376.41        0.65975                       578385.01
4141396.41        0.04921
         578405.01    4141396.41        0.05308                       578425.01
4141396.41        0.05757
         578445.01    4141396.41        0.06305                       578465.01
4141396.41        0.06992
         578485.01    4141396.41        0.07817                       578505.01
4141396.41        0.08822
         578525.01    4141396.41        0.10204                       578545.01
4141396.41        0.11849
         578565.01    4141396.41        0.14110                       578585.01
4141396.41        0.17241
         578605.01    4141396.41        0.21730                       578625.01
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4141396.41        0.28416
         578645.01    4141396.41        0.38629                    578665.01
4141396.41        0.54565
         579005.01    4141396.41       19.67498                    579025.01
4141396.41       18.82499
         579045.01    4141396.41       13.49897                    579065.01
4141396.41        8.72362
         579085.01    4141396.41        5.78988                    579105.01
4141396.41        4.05606
         579125.01    4141396.41        2.99207                    579145.01
4141396.41        2.29841
         579165.01    4141396.41        1.82499                    579185.01
4141396.41        1.49107
         579205.01    4141396.41        1.24859                    579225.01
4141396.41        1.06633
         579245.01    4141396.41        0.92577                    579265.01
4141396.41        0.81417
         579285.01    4141396.41        0.72364                    579305.01
4141396.41        0.64796
         578385.01    4141416.41        0.05126                    578405.01
4141416.41        0.05529
         578425.01    4141416.41        0.06000                    578445.01
4141416.41        0.06559
         578465.01    4141416.41        0.07227                    578485.01
4141416.41        0.08049
         578505.01    4141416.41        0.09038                    578525.01
4141416.41        0.10317
         578545.01    4141416.41        0.11977                    578565.01
4141416.41        0.14130
         578585.01    4141416.41        0.17145                    578605.01
4141416.41        0.21473
         578625.01    4141416.41        0.28028                    578645.01
4141416.41        0.38371
         578665.01    4141416.41        0.55410                    579025.01
4141416.41       25.59933
         579045.01    4141416.41       15.06064                    579065.01
4141416.41        8.74460
         579085.01    4141416.41        5.64477                    579105.01
4141416.41        3.91582
         579125.01    4141416.41        2.87510                    579145.01
4141416.41        2.20469
         579165.01    4141416.41        1.75351                    579185.01
4141416.41        1.43744
         579205.01    4141416.41        1.20794                    579225.01
4141416.41        1.03612
         579245.01    4141416.41        0.90184                    579265.01
4141416.41        0.79455
         579285.01    4141416.41        0.70529                    579305.01
4141416.41        0.63156
         578385.01    4141436.41        0.05333                    578405.01
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4141436.41 0.05767
  578425.01 4141436.41 0.06266 578445.01
4141436.41 0.06859
  578465.01 4141436.41 0.07547 578485.01
4141436.41 0.08373
  578505.01 4141436.41 0.09342 578525.01
4141436.41 0.10612
  578545.01 4141436.41 0.12203 578565.01
4141436.41 0.14293
  578585.01 4141436.41 0.17224 578605.01
4141436.41 0.21390
  578625.01 4141436.41 0.27736 578645.01
4141436.41 0.38069
  579025.01 4141436.41 34.52344 579045.01
4141436.41 15.75711
  579065.01 4141436.41 8.52374 579085.01
4141436.41 5.42526

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	3.72474	579125.01	4141436.41	2.72374
579145.01	4141436.41	2.09288	579165.01	4141436.41	1.67145
579185.01	4141436.41	1.37746	579205.01	4141436.41	1.16348
579225.01	4141436.41	1.00108	579245.01	4141436.41	0.87285
579265.01	4141436.41	0.76826	579285.01	4141436.41	0.68198
579305.01	4141436.41	0.60956	579325.01		

4141436.41 0.54749
578385.01 4141456.41 0.05537 578405.01
4141456.41 0.06002
578425.01 4141456.41 0.06535 578445.01
4141456.41 0.07160
578465.01 4141456.41 0.07885 578485.01
4141456.41 0.08752
578505.01 4141456.41 0.09737 578525.01
4141456.41 0.11051
578545.01 4141456.41 0.12577 578565.01
4141456.41 0.14670
578585.01 4141456.41 0.17530 578605.01
4141456.41 0.21535
578625.01 4141456.41 0.27635 578645.01
4141456.41 0.37791
579045.01 4141456.41 14.43284 579065.01
4141456.41 8.06006
579085.01 4141456.41 5.05273 579105.01
4141456.41 3.45301
579125.01 4141456.41 2.53316 579145.01
4141456.41 1.96097
579165.01 4141456.41 1.57867 579185.01
4141456.41 1.31034
579205.01 4141456.41 1.11173 579225.01
4141456.41 0.95868
579245.01 4141456.41 0.83522 579265.01
4141456.41 0.73487
578385.01 4141476.41 0.05723 578405.01
4141476.41 0.06224
578425.01 4141476.41 0.06798 578445.01
4141476.41 0.07453
578465.01 4141476.41 0.08229 578485.01
4141476.41 0.09163
578505.01 4141476.41 0.10225 578525.01
4141476.41 0.11619
578545.01 4141476.41 0.13129 578565.01
4141476.41 0.15214
578585.01 4141476.41 0.18004 578605.01
4141476.41 0.21928
578625.01 4141476.41 0.27820 578645.01
4141476.41 0.37690
579065.01 4141476.41 7.30608 579085.01
4141476.41 4.56674
579105.01 4141476.41 3.12702 579125.01
4141476.41 2.31371
579145.01 4141476.41 1.81353 579165.01
4141476.41 1.47757
579185.01 4141476.41 1.23241 579205.01
4141476.41 1.04835
579225.01 4141476.41 0.90471 578385.01

4141496.41 0.05890
578405.01 4141496.41 0.06425 578425.01
4141496.41 0.07033
578445.01 4141496.41 0.07735 578465.01
4141496.41 0.08564
578485.01 4141496.41 0.09563 578505.01
4141496.41 0.10705
578525.01 4141496.41 0.12213 578545.01
4141496.41 0.13818
578565.01 4141496.41 0.15960 578585.01
4141496.41 0.18789
578605.01 4141496.41 0.22673 578625.01
4141496.41 0.28384
578645.01 4141496.41 0.37935 579085.01
4141496.41 4.01518
579105.01 4141496.41 2.77908 579125.01
4141496.41 2.08962
579145.01 4141496.41 1.66060 579165.01
4141496.41 1.36462

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	1.14386	579205.01	4141496.41	0.97459
578385.01	4141516.41	0.06022	578405.01	4141516.41	0.06594
578425.01	4141516.41	0.07247	578445.01	4141516.41	0.07989
578465.01	4141516.41	0.08869	578485.01	4141516.41	0.09925
578505.01	4141516.41	0.11157	578525.01		

4141516.41 0.12805
578545.01 4141516.41 0.14526 578565.01
4141516.41 0.16874
578585.01 4141516.41 0.19885 578605.01
4141516.41 0.23963
578625.01 4141516.41 0.29866 578645.01
4141516.41 0.39357
579085.01 4141516.41 3.42316 579105.01
4141516.41 2.43531
579125.01 4141516.41 1.87034 579145.01
4141516.41 1.50141
579165.01 4141516.41 1.23940 578385.01
4141536.41 0.06155
578405.01 4141536.41 0.06737 578425.01
4141536.41 0.07422
578445.01 4141536.41 0.08227 578465.01
4141536.41 0.09157
578485.01 4141536.41 0.10276 578505.01
4141536.41 0.11593
578525.01 4141536.41 0.13414 578545.01
4141536.41 0.15243
578565.01 4141536.41 0.17856 578585.01
4141536.41 0.21221
578605.01 4141536.41 0.25758 578625.01
4141536.41 0.32397
578645.01 4141536.41 0.42739 578665.01
4141536.41 0.61450
579105.01 4141536.41 2.10881 579125.01
4141536.41 1.64422
579185.01 4141536.41 0.93088 578385.01
4141556.41 0.06288
578405.01 4141556.41 0.06893 578425.01
4141556.41 0.07599
578445.01 4141556.41 0.08439 578465.01
4141556.41 0.09443
578485.01 4141556.41 0.10629 578505.01
4141556.41 0.12060
578525.01 4141556.41 0.13974 578545.01
4141556.41 0.16038
578565.01 4141556.41 0.18934 578585.01
4141556.41 0.22765
578605.01 4141556.41 0.28148 578625.01
4141556.41 0.36093
578645.01 4141556.41 0.49062 578665.01
4141556.41 0.73524
578685.01 4141556.41 1.35101 579165.01
4141556.41 0.95893
579185.01 4141556.41 0.81630 579205.01
4141556.41 0.70482
578385.01 4141576.41 0.06436 578405.01

4141576.41 0.07067
  578425.01 4141576.41 0.07812 578445.01
4141576.41 0.08700
  578465.01 4141576.41 0.09750 578485.01
4141576.41 0.11029
  578505.01 4141576.41 0.12618 578525.01
4141576.41 0.14711
  578545.01 4141576.41 0.17115 578565.01
4141576.41 0.20413
  578585.01 4141576.41 0.24937 578605.01
4141576.41 0.31501
  578625.01 4141576.41 0.41836 578645.01
4141576.41 0.60061
  578665.01 4141576.41 0.96811 578685.01
4141576.41 1.82503
  578705.01 4141576.41 3.42125 579145.01
4141576.41 0.96720
  579165.01 4141576.41 0.81865 579185.01
4141576.41 0.70463
  579205.01 4141576.41 0.61369 579225.01
4141576.41 0.53999

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.47873	579265.01	4141576.41	0.42846
578385.01	4141596.41	0.06610	578405.01	4141596.41	0.07294
578425.01	4141596.41	0.08085	578445.01	4141596.41	0.09043
578465.01	4141596.41	0.10187	578485.01		

4141596.41 0.11592
578505.01 4141596.41 0.13390 578525.01
4141596.41 0.15722
578545.01 4141596.41 0.18574 578565.01
4141596.41 0.22591
578585.01 4141596.41 0.28230 578605.01
4141596.41 0.36713
578625.01 4141596.41 0.50543 578645.01
4141596.41 0.74741
578665.01 4141596.41 1.19236 578685.01
4141596.41 1.94140
578705.01 4141596.41 2.92453 578725.01
4141596.41 4.14709
578745.01 4141596.41 5.71032 579105.01
4141596.41 1.14369
579145.01 4141596.41 0.80206 579165.01
4141596.41 0.68945
579185.01 4141596.41 0.60047 579205.01
4141596.41 0.52861
579225.01 4141596.41 0.46928 579245.01
4141596.41 0.41962
579265.01 4141596.41 0.37813 579285.01
4141596.41 0.34074
579305.01 4141596.41 0.31057 579325.01
4141596.41 0.28396
579345.01 4141596.41 0.26135 578385.01
4141616.41 0.06821
578405.01 4141616.41 0.07569 578425.01
4141616.41 0.08453
578445.01 4141616.41 0.09503 578465.01
4141616.41 0.10782
578485.01 4141616.41 0.12370 578505.01
4141616.41 0.14417
578525.01 4141616.41 0.17208 578545.01
4141616.41 0.20598
578565.01 4141616.41 0.25613 578585.01
4141616.41 0.32800
578605.01 4141616.41 0.43730 578625.01
4141616.41 0.60941
578645.01 4141616.41 0.88119 578665.01
4141616.41 1.30019
578685.01 4141616.41 1.87055 578705.01
4141616.41 2.54105
578725.01 4141616.41 3.28375 578745.01
4141616.41 4.19624
579065.01 4141616.41 1.33351 579085.01
4141616.41 1.08042
579105.01 4141616.41 0.89992 579125.01
4141616.41 0.76526
579165.01 4141616.41 0.57603 579185.01

```
4141616.41        0.50864
         579205.01    4141616.41        0.45254                       579225.01
4141616.41        0.40525
         579245.01    4141616.41        0.36532                       579265.01
4141616.41        0.33131
         579285.01    4141616.41        0.30006                       579305.01
4141616.41        0.27502
         579325.01    4141616.41        0.25319                       579345.01
4141616.41        0.23441
         578385.01    4141636.41        0.07105                       578405.01
4141636.41        0.07923
         578425.01    4141636.41        0.08902                       578445.01
4141636.41        0.10096
         578465.01    4141636.41        0.11568                       578485.01
4141636.41        0.13397
         578505.01    4141636.41        0.15795                       578525.01
4141636.41        0.19021
         578545.01    4141636.41        0.23307                       578565.01
4141636.41        0.29444
         578585.01    4141636.41        0.38378                       578605.01
4141636.41        0.51320
         578625.01    4141636.41        0.70144                       578645.01
4141636.41        0.97112
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP2   ***
                                    INCLUDING SOURCE(S):     ARCHD       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578665.01    4141636.41        1.32699                       578685.01
4141636.41        1.75656
         578705.01    4141636.41        2.23324                       578725.01
4141636.41        2.74799
         579045.01    4141636.41        1.23356                       579065.01
```

4141636.41 0.99786
579085.01 4141636.41 0.83363 579105.01
4141636.41 0.71160
579125.01 4141636.41 0.61633 579165.01
4141636.41 0.47995
579185.01 4141636.41 0.42811 579205.01
4141636.41 0.38495
579225.01 4141636.41 0.34812 579245.01
4141636.41 0.31670
579265.01 4141636.41 0.28899 579285.01
4141636.41 0.26446
579305.01 4141636.41 0.24373 579325.01
4141636.41 0.22534
579345.01 4141636.41 0.20915 578385.01
4141656.41 0.07480
578405.01 4141656.41 0.08392 578425.01
4141656.41 0.09477
578445.01 4141656.41 0.10833 578465.01
4141656.41 0.12576
578485.01 4141656.41 0.14751 578505.01
4141656.41 0.17706
578525.01 4141656.41 0.21478 578545.01
4141656.41 0.26668
578565.01 4141656.41 0.33895 578585.01
4141656.41 0.43967
578605.01 4141656.41 0.57953 578625.01
4141656.41 0.77141
578645.01 4141656.41 1.01603 578665.01
4141656.41 1.30918
578685.01 4141656.41 1.64631 578705.01
4141656.41 1.99425
578725.01 4141656.41 2.38846 579005.01
4141656.41 1.44932
579025.01 4141656.41 1.13064 579045.01
4141656.41 0.91495
579065.01 4141656.41 0.76377 579085.01
4141656.41 0.65254
579105.01 4141656.41 0.56756 579125.01
4141656.41 0.50050
579145.01 4141656.41 0.44536 579185.01
4141656.41 0.36051
579205.01 4141656.41 0.32758 579225.01
4141656.41 0.29912
579245.01 4141656.41 0.27470 579265.01
4141656.41 0.25188
579285.01 4141656.41 0.23254 579305.01
4141656.41 0.21591
579325.01 4141656.41 0.20035 579345.01
4141656.41 0.18665
578385.01 4141676.41 0.07958 578405.01

4141676.41 0.08973
  578425.01 4141676.41 0.10216 578445.01 4141676.41 0.11794
  578465.01 4141676.41 0.13847 578485.01 4141676.41 0.16438
  578505.01 4141676.41 0.19959 578525.01 4141676.41 0.24427
  578545.01 4141676.41 0.30426 578565.01 4141676.41 0.38471
  578585.01 4141676.41 0.49216 578605.01 4141676.41 0.63236
  578625.01 4141676.41 0.81155 578645.01 4141676.41 1.02916
  578665.01 4141676.41 1.27428 578685.01 4141676.41 1.53097
  578705.01 4141676.41 1.80828 578985.01 4141676.41 1.30066
  579005.01 4141676.41 1.02573 579025.01 4141676.41 0.83594
  579045.01 4141676.41 0.69871 579065.01 4141676.41 0.59605
  579085.01 4141676.41 0.51900 579105.01 4141676.41 0.45790
  579125.01 4141676.41 0.40838 579145.01 4141676.41 0.36789

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.33422	579185.01	4141676.41	0.30501
579205.01	4141676.41	0.27966	579225.01		

4141676.41 0.25744
579245.01 4141676.41 0.23821 579265.01
4141676.41 0.22095
579285.01 4141676.41 0.20502 579305.01
4141676.41 0.19057
579325.01 4141676.41 0.17847 579345.01
4141676.41 0.16770
578385.01 4141696.41 0.08544 578405.01
4141696.41 0.09707
578425.01 4141696.41 0.11180 578445.01
4141696.41 0.13073
578465.01 4141696.41 0.15435 578485.01
4141696.41 0.18436
578505.01 4141696.41 0.22464 578525.01
4141696.41 0.27619
578565.01 4141696.41 0.42730 578585.01
4141696.41 0.53615
578605.01 4141696.41 0.67125 578625.01
4141696.41 0.83213
578645.01 4141696.41 1.01980 578665.01
4141696.41 1.22097
578685.01 4141696.41 1.42936 578945.01
4141696.41 1.49734
578965.01 4141696.41 1.16052 578985.01
4141696.41 0.92651
579005.01 4141696.41 0.76159 579025.01
4141696.41 0.63918
579045.01 4141696.41 0.54597 579065.01
4141696.41 0.47496
579085.01 4141696.41 0.41923 579105.01
4141696.41 0.37462
579125.01 4141696.41 0.33748 579145.01
4141696.41 0.30715
579165.01 4141696.41 0.28154 579185.01
4141696.41 0.25916
579205.01 4141696.41 0.23960 579225.01
4141696.41 0.22235
579245.01 4141696.41 0.20661 579265.01
4141696.41 0.19327
579285.01 4141696.41 0.18090 579305.01
4141696.41 0.16895
579325.01 4141696.41 0.15921 579345.01
4141696.41 0.15020
578385.01 4141716.41 0.09276 578405.01
4141716.41 0.10644
578425.01 4141716.41 0.12385 578445.01
4141716.41 0.14563
578465.01 4141716.41 0.17236 578485.01
4141716.41 0.20644
578505.01 4141716.41 0.25147 578525.01

4141716.41 0.30844
  578605.01 4141716.41 0.69461 578625.01 4141716.41 0.83937
  578645.01 4141716.41 0.99919 578665.01 4141716.41 1.16346
  578685.01 4141716.41 1.33777 578905.01 4141716.41 1.67302
  578925.01 4141716.41 1.31798 578945.01 4141716.41 1.04628
  578965.01 4141716.41 0.84391 578985.01 4141716.41 0.69692
  579005.01 4141716.41 0.58763 579025.01 4141716.41 0.50369
  579045.01 4141716.41 0.43745 579065.01 4141716.41 0.38509
  579085.01 4141716.41 0.34390 579105.01 4141716.41 0.31080
  579125.01 4141716.41 0.28278 579145.01 4141716.41 0.25894
  579165.01 4141716.41 0.23915 579185.01 4141716.41 0.22169
  579205.01 4141716.41 0.20634 579225.01 4141716.41 0.19272
  579245.01 4141716.41 0.17960 579265.01 4141716.41 0.16910
  579285.01 4141716.41 0.15924 579305.01 4141716.41 0.14961

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.14152	579345.01		

```
4141716.41        0.13424
         578385.01    4141736.41        0.10166                   578405.01
4141736.41        0.11781
         578425.01    4141736.41        0.13770                   578445.01
4141736.41        0.16180
         578465.01    4141736.41        0.19163                   578485.01
4141736.41        0.22932
         578505.01    4141736.41        0.28122                   578625.01
4141736.41        0.83405
         578645.01    4141736.41        0.96621                   578665.01
4141736.41        1.10421
         578865.01    4141736.41        1.79718                   578885.01
4141736.41        1.47507
         578905.01    4141736.41        1.19194                   578925.01
4141736.41        0.96143
         578945.01    4141736.41        0.78302                   578965.01
4141736.41        0.64778
         578985.01    4141736.41        0.54772                   579005.01
4141736.41        0.47023
         579025.01    4141736.41        0.40814                   579045.01
4141736.41        0.35824
         579065.01    4141736.41        0.31889                   579085.01
4141736.41        0.28745
         579105.01    4141736.41        0.26154                   579125.01
4141736.41        0.23959
         579145.01    4141736.41        0.22099                   579165.01
4141736.41        0.20501
         579185.01    4141736.41        0.19110                   579205.01
4141736.41        0.17884
         579225.01    4141736.41        0.16792                   579245.01
4141736.41        0.15786
         579265.01    4141736.41        0.14862                   579285.01
4141736.41        0.14061
         579305.01    4141736.41        0.13356                   579325.01
4141736.41        0.12678
         579345.01    4141736.41        0.12052                   578385.01
4141756.41        0.11247
         578405.01    4141756.41        0.13064                   578425.01
4141756.41        0.15263
         578445.01    4141756.41        0.17941                   578465.01
4141756.41        0.21193
         578485.01    4141756.41        0.25423                   578845.01
4141756.41        1.53095
         578865.01    4141756.41        1.30660                   578885.01
4141756.41        1.08924
         578905.01    4141756.41        0.89785                   578925.01
4141756.41        0.73937
         578945.01    4141756.41        0.61422                   578965.01
4141756.41        0.51926
         578985.01    4141756.41        0.44565                   579005.01
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4141756.41 0.38704
  579025.01 4141756.41 0.33933 579045.01
4141756.41 0.30081
  579065.01 4141756.41 0.26974 579085.01
4141756.41 0.24447
  579105.01 4141756.41 0.22336 579125.01
4141756.41 0.20561
  579145.01 4141756.41 0.19051 579165.01
4141756.41 0.17749
  579185.01 4141756.41 0.16616 579205.01
4141756.41 0.15613
  579225.01 4141756.41 0.14721 579245.01
4141756.41 0.13917
  579265.01 4141756.41 0.13188 579285.01
4141756.41 0.12492
  579305.01 4141756.41 0.11878 579325.01
4141756.41 0.11345
  579345.01 4141756.41 0.10822 578385.01
4141776.41 0.12409
  578405.01 4141776.41 0.14428 578425.01
4141776.41 0.16775
  578445.01 4141776.41 0.19627 578465.01
4141776.41 0.23151
  578485.01 4141776.41 0.27573 578825.01
4141776.41 1.30051
  578845.01 4141776.41 1.15588 578865.01
4141776.41 0.99685
  578885.01 4141776.41 0.83848 578905.01
4141776.41 0.70292

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

- -

578925.01	4141776.41	0.59010	578945.01	4141776.41	0.49945
578965.01	4141776.41	0.42785	578985.01	4141776.41	0.37225
579005.01	4141776.41	0.32672	579025.01	4141776.41	0.28878
579045.01	4141776.41	0.25742	579065.01	4141776.41	0.23199
579085.01	4141776.41	0.21100	579105.01	4141776.41	0.19352
579125.01	4141776.41	0.17876	579145.01	4141776.41	0.16614
579165.01	4141776.41	0.15526	579185.01	4141776.41	0.14579
579205.01	4141776.41	0.13740	579225.01	4141776.41	0.12995
579245.01	4141776.41	0.12325	579265.01	4141776.41	0.11717
579285.01	4141776.41	0.11161	579305.01	4141776.41	0.10606
579325.01	4141776.41	0.10179	579345.01	4141776.41	0.09741
578405.01	4141796.41	0.15770	578425.01	4141796.41	0.18283
578445.01	4141796.41	0.21297	578465.01	4141796.41	0.25195
578805.01	4141796.41	1.11926	578825.01	4141796.41	1.01885
578845.01	4141796.41	0.89687	578865.01	4141796.41	0.78202
578885.01	4141796.41	0.66693	578905.01	4141796.41	0.56603
578925.01	4141796.41	0.48323	578945.01	4141796.41	0.41546
578965.01	4141796.41	0.36163	578985.01	4141796.41	0.31787
579005.01	4141796.41	0.28097	579025.01	4141796.41	0.24976
579045.01	4141796.41	0.22377	579065.01	4141796.41	0.20239
579085.01	4141796.41	0.18471	579105.01	4141796.41	0.16991
579125.01	4141796.41	0.15733	579145.01	4141796.41	0.14655
579165.01	4141796.41	0.13723	579185.01	4141796.41	0.12912
579205.01	4141796.41	0.12194	579225.01	4141796.41	0.11558
579245.01	4141796.41	0.10981	579265.01		

4141796.41   0.10472
         579285.01   4141796.41   0.09976   579305.01
4141796.41   0.09529
         579325.01   4141796.41   0.09133   579345.01
4141796.41   0.08764
         578445.01   4141816.41   0.22981   578585.01
4141816.41   0.59432
         578605.01   4141816.41   0.66276   578665.01
4141816.41   0.85850
         578685.01   4141816.41   0.91496   578785.01
4141816.41   0.97266
         578805.01   4141816.41   0.90545   578825.01
4141816.41   0.81530
         578845.01   4141816.41   0.71796   578865.01
4141816.41   0.62751
         578885.01   4141816.41   0.54267   578905.01
4141816.41   0.46645
         578925.01   4141816.41   0.40414   578945.01
4141816.41   0.35286
         578965.01   4141816.41   0.31085   578985.01
4141816.41   0.27541
         579005.01   4141816.41   0.24497   579025.01
4141816.41   0.21891
         579045.01   4141816.41   0.19702   579065.01
4141816.41   0.17882
         579085.01   4141816.41   0.16369   579105.01
4141816.41   0.15091
         579125.01   4141816.41   0.14002   579145.01
4141816.41   0.13064
         579165.01   4141816.41   0.12250   579185.01
4141816.41   0.11543

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP2   ***
                                   INCLUDING SOURCE(S):   ARCHD   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

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

Y-COORD (M)   CONC
 -
- -

579205.01   4141816.41   0.10915   579225.01
4141816.41   0.10361
579245.01   4141816.41   0.09851   579265.01
4141816.41   0.09371
579285.01   4141816.41   0.08978   579305.01
4141816.41   0.08633
579325.01   4141816.41   0.08270   579345.01
4141816.41   0.07947
578565.01   4141836.41   0.52225   578585.01
4141836.41   0.57895
578605.01   4141836.41   0.63845   578625.01
4141836.41   0.69402
578645.01   4141836.41   0.74495   578665.01
4141836.41   0.79209
578685.01   4141836.41   0.83115   578705.01
4141836.41   0.86035
578725.01   4141836.41   0.87775   578765.01
4141836.41   0.85325
578785.01   4141836.41   0.80677   578805.01
4141836.41   0.74125
578825.01   4141836.41   0.66466   578845.01
4141836.41   0.58756
578865.01   4141836.41   0.51704   578885.01
4141836.41   0.44971
578905.01   4141836.41   0.39209   578925.01
4141836.41   0.34395
578945.01   4141836.41   0.30401   578965.01
4141836.41   0.27046
578985.01   4141836.41   0.24145   579005.01
4141836.41   0.21606
579025.01   4141836.41   0.19406   579045.01
4141836.41   0.17537
579065.01   4141836.41   0.15969   579085.01
4141836.41   0.14654
579105.01   4141836.41   0.13537   579125.01
4141836.41   0.12580
579145.01   4141836.41   0.11753   579165.01
4141836.41   0.11035
579185.01   4141836.41   0.10406   579205.01
4141836.41   0.09850
579225.01   4141836.41   0.09359   579245.01
4141836.41   0.08919
579265.01   4141836.41   0.08495   579285.01
4141836.41   0.08138
579305.01   4141836.41   0.07822   579325.01
4141836.41   0.07508
579345.01   4141836.41   0.07254   578565.01

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4141856.41        0.51173
         578585.01    4141856.41        0.56071                        578605.01
4141856.41        0.60851
         578625.01    4141856.41        0.65275                        578645.01
4141856.41        0.69181
         578665.01    4141856.41        0.72488                        578685.01
4141856.41        0.74974
         578705.01    4141856.41        0.76476                        578725.01
4141856.41        0.76733
         578745.01    4141856.41        0.75330                        578765.01
4141856.41        0.72229
         578785.01    4141856.41        0.67513                        578805.01
4141856.41        0.61553
         578825.01    4141856.41        0.55055                        578845.01
4141856.41        0.48984
         578865.01    4141856.41        0.43219                        578885.01
4141856.41        0.37935
         578905.01    4141856.41        0.33479                        578925.01
4141856.41        0.29695
         578945.01    4141856.41        0.26517                        578965.01
4141856.41        0.23787
         578985.01    4141856.41        0.21374                        579005.01
4141856.41        0.19234
         579025.01    4141856.41        0.17360                        579045.01
4141856.41        0.15751
         579065.01    4141856.41        0.14388                        579085.01
4141856.41        0.13235
         579105.01    4141856.41        0.12248                        579125.01
4141856.41        0.11397
         579145.01    4141856.41        0.10661                        579165.01
4141856.41        0.10018
         579185.01    4141856.41        0.09451                        579205.01
4141856.41        0.08953
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP2   ***
                                    INCLUDING SOURCE(S):     ARCHD       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.08514	579245.01	4141856.41	0.08119
579265.01	4141856.41	0.07753	579285.01	4141856.41	0.07444
579305.01	4141856.41	0.07151	579325.01	4141856.41	0.06855
579345.01	4141856.41	0.06632	578545.01	4141876.41	0.45350
578565.01	4141876.41	0.49618	578585.01	4141876.41	0.53696
578605.01	4141876.41	0.57518	578625.01	4141876.41	0.60920
578645.01	4141876.41	0.63785	578665.01	4141876.41	0.65986
578685.01	4141876.41	0.67369	578705.01	4141876.41	0.67795
578725.01	4141876.41	0.66966	578745.01	4141876.41	0.64821
578765.01	4141876.41	0.61385	578785.01	4141876.41	0.56868
578805.01	4141876.41	0.51678	578825.01	4141876.41	0.46342
578845.01	4141876.41	0.41268	578865.01	4141876.41	0.36594
578885.01	4141876.41	0.32486	578905.01	4141876.41	0.28961
578925.01	4141876.41	0.25943	578945.01	4141876.41	0.23369
578965.01	4141876.41	0.21105	578985.01	4141876.41	0.19079
579005.01	4141876.41	0.17258	579025.01	4141876.41	0.15648
579045.01	4141876.41	0.14253	579065.01	4141876.41	0.13061
579085.01	4141876.41	0.12043	579105.01	4141876.41	0.11162
579125.01	4141876.41	0.10400	579145.01	4141876.41	0.09738
579165.01	4141876.41	0.09158	579185.01	4141876.41	0.08643
579205.01	4141876.41	0.08191	579225.01	4141876.41	0.07792
579245.01	4141876.41	0.07435	579265.01	4141876.41	0.07110
579285.01	4141876.41	0.06826	579305.01		

```
4141876.41        0.06560
         579325.01    4141876.41        0.06297                       579345.01
4141876.41        0.06093
         578545.01    4141896.41        0.44094                       578565.01
4141896.41        0.47657
         578585.01    4141896.41        0.51006                       578605.01
4141896.41        0.54040
         578625.01    4141896.41        0.56558                       578645.01
4141896.41        0.58510
         578665.01    4141896.41        0.59848                       578685.01
4141896.41        0.60368
         578705.01    4141896.41        0.59878                       578725.01
4141896.41        0.58437
         578745.01    4141896.41        0.55964                       578765.01
4141896.41        0.52508
         578785.01    4141896.41        0.48369                       578805.01
4141896.41        0.43871
         578825.01    4141896.41        0.39430                       578845.01
4141896.41        0.35230
         578865.01    4141896.41        0.31470                       578885.01
4141896.41        0.28183
         578905.01    4141896.41        0.25328                       578925.01
4141896.41        0.22877
         578945.01    4141896.41        0.20769                       578965.01
4141896.41        0.18872
         578985.01    4141896.41        0.17142                       579005.01
4141896.41        0.15578
         579025.01    4141896.41        0.14191                       579045.01
4141896.41        0.12978
         579065.01    4141896.41        0.11928                       579085.01
4141896.41        0.11025
         579105.01    4141896.41        0.10236                       579125.01
4141896.41        0.09553
         579145.01    4141896.41        0.08952                       579165.01
4141896.41        0.08423
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 181
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP2   ***
                                    INCLUDING SOURCE(S):     ARCHD       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.07952	579205.01	4141896.41	0.07537
579225.01	4141896.41	0.07172	579245.01	4141896.41	0.06847
579265.01	4141896.41	0.06553	579285.01	4141896.41	0.06291
579305.01	4141896.41	0.06049	579325.01	4141896.41	0.05828
579345.01	4141896.41	0.05625	578565.01	4141916.41	0.45534
578585.01	4141916.41	0.48110	578605.01	4141916.41	0.50436
578625.01	4141916.41	0.52219	578645.01	4141916.41	0.53459
578665.01	4141916.41	0.54067	578685.01	4141916.41	0.53865
578705.01	4141916.41	0.52865	578725.01	4141916.41	0.51078
578745.01	4141916.41	0.48402	578765.01	4141916.41	0.45149
578785.01	4141916.41	0.41455	578805.01	4141916.41	0.37634
578825.01	4141916.41	0.33886	578845.01	4141916.41	0.30435
578865.01	4141916.41	0.27373	578885.01	4141916.41	0.24700
578905.01	4141916.41	0.22394	578925.01	4141916.41	0.20389
578945.01	4141916.41	0.18599	578965.01	4141916.41	0.16988
578985.01	4141916.41	0.15499	579005.01	4141916.41	0.14143
579025.01	4141916.41	0.12932	579045.01	4141916.41	0.11871
579065.01	4141916.41	0.10949	579085.01	4141916.41	0.10145
579105.01	4141916.41	0.09439	579125.01	4141916.41	0.08821
579145.01	4141916.41	0.08275	579165.01	4141916.41	0.07790
579185.01	4141916.41	0.07357	578386.27	4141125.26	0.04736
578406.27	4141125.26	0.05283	578426.27		

```
4141125.26        0.05913
         578446.27    4141125.26        0.06667                        578466.27
4141125.26        0.07609
         578486.27    4141125.26        0.08738                        578506.27
4141125.26        0.10116
         578526.27    4141125.26        0.11719                        578546.27
4141125.26        0.13643
         578566.27    4141125.26        0.15925                        578586.27
4141125.26        0.18663
         578606.27    4141125.26        0.21960                        578626.27
4141125.26        0.25724
         578646.27    4141125.26        0.30278                        578666.27
4141125.26        0.35828
         578686.27    4141125.26        0.42386                        578706.27
4141125.26        0.50379
         578726.27    4141125.26        0.60327                        578746.27
4141125.26        0.72870
         578766.27    4141125.26        0.88065                        578786.27
4141125.26        1.06162
         578806.27    4141125.26        1.27499                        578826.27
4141125.26        1.50842
         578846.27    4141125.26        1.75806                        578866.27
4141125.26        2.01660
         578886.27    4141125.26        2.27531                        578906.27
4141125.26        2.52040
         578926.27    4141125.26        2.73377                        578946.27
4141125.26        2.91930
         578966.27    4141125.26        3.07241                        578986.27
4141125.26        3.19066
         579006.27    4141125.26        3.26907                        579026.27
4141125.26        3.30208
         579046.27    4141125.26        3.27084                        579066.27
4141125.26        3.16582
         579086.27    4141125.26        3.00117                        579106.27
4141125.26        2.78665
         579126.27    4141125.26        2.53639                        579146.27
4141125.26        2.26632
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                   PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP2   ***
                                   INCLUDING SOURCE(S):     ARCHD       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.99558	579186.27	4141125.26	1.74863
579206.27	4141125.26	1.53276	578386.27	4141145.26	0.04657
578406.27	4141145.26	0.05197	578426.27	4141145.26	0.05839
578446.27	4141145.26	0.06579	578466.27	4141145.26	0.07484
578486.27	4141145.26	0.08627	578506.27	4141145.26	0.09992
578526.27	4141145.26	0.11661	578546.27	4141145.26	0.13622
578566.27	4141145.26	0.16006	578586.27	4141145.26	0.18821
578606.27	4141145.26	0.22255	578626.27	4141145.26	0.26392
578646.27	4141145.26	0.31287	578666.27	4141145.26	0.37091
578686.27	4141145.26	0.44276	578706.27	4141145.26	0.53177
578726.27	4141145.26	0.64518	578746.27	4141145.26	0.78420
578766.27	4141145.26	0.95392	578786.27	4141145.26	1.15839
578806.27	4141145.26	1.39828	578826.27	4141145.26	1.66529
578846.27	4141145.26	1.94303	578866.27	4141145.26	2.23223
578886.27	4141145.26	2.51354	578906.27	4141145.26	2.77607
578926.27	4141145.26	3.01083	578946.27	4141145.26	3.20604
578966.27	4141145.26	3.36448	578986.27	4141145.26	3.48753
579006.27	4141145.26	3.56455	579026.27	4141145.26	3.58001
579046.27	4141145.26	3.52324	579066.27	4141145.26	3.39687
579086.27	4141145.26	3.20464	579106.27	4141145.26	2.94234
579126.27	4141145.26	2.64937	579146.27		

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4141145.26        2.33894
         579166.27    4141145.26        2.04124                       579186.27
4141145.26        1.77176
         579206.27    4141145.26        1.54173                       578723.62
4141929.59        0.46927
         578743.62    4141929.59        0.44345                       578763.62
4141929.59        0.41251
         578783.62    4141929.59        0.37856                       578803.62
4141929.59        0.34385
         578823.62    4141929.59        0.31045                       578843.62
4141929.59        0.28005
         578863.62    4141929.59        0.25294                       578883.62
4141929.59        0.22928
         578903.62    4141929.59        0.20875                       578923.62
4141929.59        0.19081
         578943.62    4141929.59        0.17474                       578963.62
4141929.59        0.16001
         578983.62    4141929.59        0.14638                       579003.62
4141929.59        0.13391
         579023.62    4141929.59        0.12271                       579043.62
4141929.59        0.11285
         579063.62    4141929.59        0.10425                       579083.62
4141929.59        0.09675
         579103.62    4141929.59        0.09015                       579123.62
4141929.59        0.08431
         579143.62    4141929.59        0.07912                       579163.62
4141929.59        0.07450
         579183.62    4141929.59        0.07036                       578725.67
4141942.60        0.42813
         578745.67    4141942.60        0.40300                       578765.67
4141942.60        0.37332
         578785.67    4141942.60        0.34173                       578805.67
4141942.60        0.31027
         578825.67    4141942.60        0.28090                       578845.67
4141942.60        0.25438
         578865.67    4141942.60        0.23082                       578885.67
4141942.60        0.21027
         578905.67    4141942.60        0.19237                       578925.67
4141942.60        0.17656
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP2   ***
                                    INCLUDING SOURCE(S):     ARCHD       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.16220	578965.67	4141942.60	0.14891
578985.67	4141942.60	0.13655	579005.67	4141942.60	0.12522
579025.67	4141942.60	0.11504	579045.67	4141942.60	0.10605
579065.67	4141942.60	0.09820	579085.67	4141942.60	0.09132
579105.67	4141942.60	0.08526	579125.67	4141942.60	0.07987
579145.67	4141942.60	0.07504	579165.67	4141942.60	0.07071
579185.67	4141942.60	0.06682	578745.52	4141955.60	0.36889
578765.52	4141955.60	0.34152	578785.52	4141955.60	0.31252
578805.52	4141955.60	0.28414	578825.52	4141955.60	0.25801
578845.52	4141955.60	0.23451	578865.52	4141955.60	0.21371
578885.52	4141955.60	0.19553	578905.52	4141955.60	0.17960
578925.52	4141955.60	0.16539	578945.52	4141955.60	0.15237
578965.52	4141955.60	0.14023	578985.52	4141955.60	0.12890
579005.52	4141955.60	0.11847	579025.52	4141955.60	0.10906
579045.52	4141955.60	0.10073	579065.52	4141955.60	0.09342
579085.52	4141955.60	0.08702	579105.52	4141955.60	0.08135
579125.52	4141955.60	0.07631	579145.52	4141955.60	0.07177
579165.52	4141955.60	0.06767	579185.52	4141955.60	0.06396
578785.22	4141971.34	0.28179	578805.22	4141971.34	0.25691
578825.22	4141971.34	0.23405	578845.22		

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4141971.34        0.21361
         578865.22    4141971.34        0.19568                        578885.22
4141971.34        0.17986
         578905.22    4141971.34        0.16593                        578925.22
4141971.34        0.15336
         578945.22    4141971.34        0.14173                        578965.22
4141971.34        0.13079
         578985.22    4141971.34        0.12055                        579005.22
4141971.34        0.11108
         579025.22    4141971.34        0.10251                        579045.22
4141971.34        0.09487
         579065.22    4141971.34        0.08815                        579085.22
4141971.34        0.08225
         579105.22    4141971.34        0.07703                        579125.22
4141971.34        0.07235
         579145.22    4141971.34        0.06814                        579165.22
4141971.34        0.06430
         579185.22    4141971.34        0.06082                        578790.01
4141986.40        0.25013
         578810.01    4141986.40        0.22887                        578830.01
4141986.40        0.20933
         578850.01    4141986.40        0.19206                        578870.01
4141986.40        0.17685
         578890.01    4141986.40        0.16340                        578910.01
4141986.40        0.15139
         578930.01    4141986.40        0.14036                        578950.01
4141986.40        0.13001
         578970.01    4141986.40        0.12022                        578990.01
4141986.40        0.11105
         579010.01    4141986.40        0.10259                        579030.01
4141986.40        0.09494
         579050.01    4141986.40        0.08812                        579070.01
4141986.40        0.08209
         579090.01    4141986.40        0.07678                        579110.01
4141986.40        0.07207
         579130.01    4141986.40        0.06785                        579150.01
4141986.40        0.06400
         579170.01    4141986.40        0.06048                        579190.01
4141986.40        0.05730
         578810.54    4142001.46        0.20888                        578830.54
4142001.46        0.19178
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.17675	578870.54	4142001.46	0.16344
578890.54	4142001.46	0.15160	578910.54	4142001.46	0.14091
578930.54	4142001.46	0.13098	578950.54	4142001.46	0.12160
578970.54	4142001.46	0.11270	578990.54	4142001.46	0.10433
579010.54	4142001.46	0.09659	579030.54	4142001.46	0.08958
579050.54	4142001.46	0.08331	579070.54	4142001.46	0.07776
579090.54	4142001.46	0.07284	579110.54	4142001.46	0.06846
579130.54	4142001.46	0.06454	579150.54	4142001.46	0.06096
579170.54	4142001.46	0.05768	579190.54	4142001.46	0.05468

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION ***
VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

Y-COORD (M)   CONC
 -
- -
578385.01   4141176.41   0.06907   578405.01
4141176.41   0.07836
578425.01   4141176.41   0.08974   578445.01
4141176.41   0.10582
578465.01   4141176.41   0.12259   578485.01
4141176.41   0.14336
578505.01   4141176.41   0.16948   578525.01
4141176.41   0.20106
578545.01   4141176.41   0.24071   578565.01
4141176.41   0.28820
578585.01   4141176.41   0.34747   578605.01
4141176.41   0.42039
578625.01   4141176.41   0.50856   578645.01
4141176.41   0.61761
578665.01   4141176.41   0.75629   578685.01
4141176.41   0.93302
578705.01   4141176.41   1.14736   578725.01
4141176.41   1.40927
578745.01   4141176.41   1.72922   578765.01
4141176.41   2.09710
578785.01   4141176.41   2.51986   578805.01
4141176.41   2.97966
578825.01   4141176.41   3.45900   578845.01
4141176.41   3.92229
578865.01   4141176.41   4.30626   578885.01
4141176.41   4.59712
578905.01   4141176.41   4.76054   578925.01
4141176.41   4.78744
578945.01   4141176.41   4.68237   578965.01
4141176.41   4.44943
578985.01   4141176.41   4.12277   579005.01
4141176.41   3.73224
579025.01   4141176.41   3.32519   579045.01
4141176.41   2.92755
579065.01   4141176.41   2.55508   579085.01
4141176.41   2.21424
579105.01   4141176.41   1.91472   579125.01
4141176.41   1.65628
579145.01   4141176.41   1.43509   579165.01
4141176.41   1.24509
579185.01   4141176.41   1.08814   579205.01
4141176.41   0.95361
579225.01   4141176.41   0.84036   578385.01
4141196.41   0.06785
578405.01   4141196.41   0.07689   578425.01
4141196.41   0.08804
578445.01   4141196.41   0.10350   578465.01

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4141196.41        0.12035
         578485.01    4141196.41        0.14123                        578505.01
4141196.41        0.16706
         578525.01    4141196.41        0.19945                        578545.01
4141196.41        0.23969
         578565.01    4141196.41        0.28980                        578585.01
4141196.41        0.35182
         578605.01    4141196.41        0.42788                        578625.01
4141196.41        0.52260
         578645.01    4141196.41        0.64456                        578665.01
4141196.41        0.80114
         578685.01    4141196.41        0.99287                        578705.01
4141196.41        1.23240
         578725.01    4141196.41        1.52960                        578745.01
4141196.41        1.89433
         578765.01    4141196.41        2.33136                        578785.01
4141196.41        2.82212
         578805.01    4141196.41        3.36255                        578825.01
4141196.41        3.91383
         578845.01    4141196.41        4.44012                        578865.01
4141196.41        4.88535
         578885.01    4141196.41        5.18742                        578905.01
4141196.41        5.33709
         578925.01    4141196.41        5.32319                        578945.01
4141196.41        5.15018
         578965.01    4141196.41        4.84046                        578985.01
4141196.41        4.41893
         579005.01    4141196.41        3.95240                        579025.01
4141196.41        3.48223
         579045.01    4141196.41        3.02558                        579065.01
4141196.41        2.61316
         579085.01    4141196.41        2.23739                        579105.01
4141196.41        1.91413
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 186
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP3   ***
                                    INCLUDING SOURCE(S):     BC1_1       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	1.64237	579145.01	4141196.41	1.41749
579165.01	4141196.41	1.22638	579185.01	4141196.41	1.06499
579205.01	4141196.41	0.93106	579225.01	4141196.41	0.81980
579245.01	4141196.41	0.72732	578385.01	4141216.41	0.06673
578405.01	4141216.41	0.07553	578425.01	4141216.41	0.08625
578445.01	4141216.41	0.10136	578465.01	4141216.41	0.11798
578485.01	4141216.41	0.13858	578505.01	4141216.41	0.16410
578525.01	4141216.41	0.19705	578545.01	4141216.41	0.23812
578565.01	4141216.41	0.28986	578585.01	4141216.41	0.35493
578605.01	4141216.41	0.43546	578625.01	4141216.41	0.53871
578645.01	4141216.41	0.67333	578665.01	4141216.41	0.84167
578685.01	4141216.41	1.05719	578705.01	4141216.41	1.32577
578725.01	4141216.41	1.66392	578745.01	4141216.41	2.08607
578765.01	4141216.41	2.59912	578785.01	4141216.41	3.18690
578805.01	4141216.41	3.81953	578825.01	4141216.41	4.46551
578845.01	4141216.41	5.06772	578925.01	4141216.41	5.92956
578945.01	4141216.41	5.66387	578965.01	4141216.41	5.26438
578985.01	4141216.41	4.74848	579005.01	4141216.41	4.18593
579025.01	4141216.41	3.62495	579045.01	4141216.41	3.10661
579065.01	4141216.41	2.64949	579085.01	4141216.41	2.24549
579105.01	4141216.41	1.90352	579125.01	4141216.41	1.62434
579145.01	4141216.41	1.39311	579165.01	4141216.41	1.19820
579185.01	4141216.41	1.03821	579205.01		

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4141216.41        0.90745
         579225.01    4141216.41        0.80026                       579245.01
4141216.41        0.70940
         578385.01    4141236.41        0.06551                       578405.01
4141236.41        0.07582
         578425.01    4141236.41        0.08634                       578445.01
4141236.41        0.09933
         578465.01    4141236.41        0.11546                       578485.01
4141236.41        0.13562
         578505.01    4141236.41        0.16169                       578525.01
4141236.41        0.19460
         578545.01    4141236.41        0.23531                       578565.01
4141236.41        0.28815
         578585.01    4141236.41        0.35646                       578605.01
4141236.41        0.44170
         578625.01    4141236.41        0.55168                       578645.01
4141236.41        0.69622
         578665.01    4141236.41        0.88228                       578685.01
4141236.41        1.12348
         578705.01    4141236.41        1.43033                       578725.01
4141236.41        1.82053
         578745.01    4141236.41        2.30804                       578765.01
4141236.41        2.90806
         578785.01    4141236.41        3.61935                       578805.01
4141236.41        4.37553
         578825.01    4141236.41        5.14181                       578945.01
4141236.41        6.24604
         578965.01    4141236.41        5.70557                       578985.01
4141236.41        5.08445
         579005.01    4141236.41        4.40659                       579025.01
4141236.41        3.75522
         579045.01    4141236.41        3.16774                       579065.01
4141236.41        2.66036
         579085.01    4141236.41        2.23913                       579105.01
4141236.41        1.88498
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 187
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP3   ***
                                    INCLUDING SOURCE(S):     BC1_1       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	1.59503	579145.01	4141236.41	1.35786
579165.01	4141236.41	1.16641	579185.01	4141236.41	1.01003
579205.01	4141236.41	0.88285	579225.01	4141236.41	0.77942
579245.01	4141236.41	0.69132	578385.01	4141256.41	0.06459
578405.01	4141256.41	0.07455	578425.01	4141256.41	0.08495
578445.01	4141256.41	0.09747	578465.01	4141256.41	0.11300
578485.01	4141256.41	0.13271	578505.01	4141256.41	0.15840
578525.01	4141256.41	0.19069	578545.01	4141256.41	0.23144
578565.01	4141256.41	0.28506	578585.01	4141256.41	0.35575
578605.01	4141256.41	0.44691	578625.01	4141256.41	0.56296
578645.01	4141256.41	0.71563	578665.01	4141256.41	0.92121
578685.01	4141256.41	1.18931	578705.01	4141256.41	1.54443
578725.01	4141256.41	1.99669	578745.01	4141256.41	2.57062
578765.01	4141256.41	3.28317	578785.01	4141256.41	4.12966
578805.01	4141256.41	5.06485	578965.01	4141256.41	6.18667
578985.01	4141256.41	5.40213	579005.01	4141256.41	4.61915
579025.01	4141256.41	3.86178	579045.01	4141256.41	3.20802
579065.01	4141256.41	2.65980	579085.01	4141256.41	2.21606
579105.01	4141256.41	1.84683	579125.01	4141256.41	1.55318
579145.01	4141256.41	1.31918	579165.01	4141256.41	1.13232
579185.01	4141256.41	0.98194	579205.01	4141256.41	0.85887
579225.01	4141256.41	0.75789	579245.01		

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4141256.41        0.67395
         579265.01    4141256.41        0.60310                    578385.01
4141276.41        0.06599
         578405.01    4141276.41        0.07355                    578425.01
4141276.41        0.08348
         578445.01    4141276.41        0.09589                    578465.01
4141276.41        0.11088
         578485.01    4141276.41        0.12999                    578505.01
4141276.41        0.15439
         578525.01    4141276.41        0.18615                    578545.01
4141276.41        0.22683
         578565.01    4141276.41        0.28015                    578585.01
4141276.41        0.35230
         578605.01    4141276.41        0.44657                    578625.01
4141276.41        0.57245
         578645.01    4141276.41        0.73614                    578665.01
4141276.41        0.95841
         578685.01    4141276.41        1.25772                    578705.01
4141276.41        1.66088
         578725.01    4141276.41        2.19945                    578745.01
4141276.41        2.88062
         578765.01    4141276.41        3.74750                    578785.01
4141276.41        4.77560
         578985.01    4141276.41        5.72277                    579005.01
4141276.41        4.78842
         579025.01    4141276.41        3.95111                    579045.01
4141276.41        3.22662
         579065.01    4141276.41        2.64513                    579085.01
4141276.41        2.16813
         579105.01    4141276.41        1.79829                    579125.01
4141276.41        1.50743
         579145.01    4141276.41        1.28004                    579165.01
4141276.41        1.09811
         579185.01    4141276.41        0.95206                    579205.01
4141276.41        0.83381
         579225.01    4141276.41        0.73700                    579245.01
4141276.41        0.65645
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 188
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP3   ***
                                    INCLUDING SOURCE(S):     BC1_1       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	0.58974	578385.01	4141296.41	0.06509
578405.01	4141296.41	0.07373	578425.01	4141296.41	0.08247
578445.01	4141296.41	0.09418	578465.01	4141296.41	0.10902
578485.01	4141296.41	0.12759	578505.01	4141296.41	0.15106
578525.01	4141296.41	0.18166	578545.01	4141296.41	0.22160
578565.01	4141296.41	0.27458	578585.01	4141296.41	0.34597
578605.01	4141296.41	0.44318	578625.01	4141296.41	0.57572
578645.01	4141296.41	0.75506	578665.01	4141296.41	0.99470
578685.01	4141296.41	1.32852	578705.01	4141296.41	1.78947
578725.01	4141296.41	2.41732	578745.01	4141296.41	3.25338
579005.01	4141296.41	4.92822	579025.01	4141296.41	3.99006
579045.01	4141296.41	3.21232	579065.01	4141296.41	2.58595
579085.01	4141296.41	2.10803	579105.01	4141296.41	1.74366
579125.01	4141296.41	1.45926	579145.01	4141296.41	1.23545
579165.01	4141296.41	1.06235	579185.01	4141296.41	0.92205
579205.01	4141296.41	0.80915	579225.01	4141296.41	0.71692
579245.01	4141296.41	0.63974	579265.01	4141296.41	0.57632
579285.01	4141296.41	0.52226	578385.01	4141316.41	0.06512
578405.01	4141316.41	0.07263	578425.01	4141316.41	0.08291
578445.01	4141316.41	0.09340	578465.01	4141316.41	0.10703
578485.01	4141316.41	0.12490	578505.01		

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4141316.41        0.14791
         578525.01    4141316.41        0.17752                        578545.01
4141316.41        0.21624
         578565.01    4141316.41        0.26842                        578585.01
4141316.41        0.33934
         578605.01    4141316.41        0.43799                        578625.01
4141316.41        0.57464
         578645.01    4141316.41        0.76681                        578665.01
4141316.41        1.03142
         578685.01    4141316.41        1.40194                        578705.01
4141316.41        1.92809
         578725.01    4141316.41        2.66847                        579025.01
4141316.41        3.97180
         579045.01    4141316.41        3.14590                        579065.01
4141316.41        2.51329
         579085.01    4141316.41        2.04065                        579105.01
4141316.41        1.68347
         579125.01    4141316.41        1.40660                        579145.01
4141316.41        1.19203
         579165.01    4141316.41        1.02636                        579185.01
4141316.41        0.89381
         579205.01    4141316.41        0.78583                        579225.01
4141316.41        0.69792
         579245.01    4141316.41        0.62568                        579265.01
4141316.41        0.56495
         579285.01    4141316.41        0.51262                        578385.01
4141336.41        0.06559
         578405.01    4141336.41        0.07280                        578425.01
4141336.41        0.08160
         578445.01    4141336.41        0.09298                        578465.01
4141336.41        0.10762
         578485.01    4141336.41        0.12300                        578505.01
4141336.41        0.14457
         578525.01    4141336.41        0.17322                        578545.01
4141336.41        0.21134
         578565.01    4141336.41        0.26156                        578585.01
4141336.41        0.33112
         578605.01    4141336.41        0.42953                        578625.01
4141336.41        0.56999
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 189
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP3   ***
                                    INCLUDING SOURCE(S):     BC1_1       ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.76812	578665.01	4141336.41	1.06057
578685.01	4141336.41	1.47379	578705.01	4141336.41	2.08160
579025.01	4141336.41	3.91174	579045.01	4141336.41	3.05476
579065.01	4141336.41	2.42627	579085.01	4141336.41	1.96343
579105.01	4141336.41	1.61642	579125.01	4141336.41	1.35331
579145.01	4141336.41	1.15179	579165.01	4141336.41	0.99284
579185.01	4141336.41	0.86722	579205.01	4141336.41	0.76416
579225.01	4141336.41	0.68208	579245.01	4141336.41	0.61259
579265.01	4141336.41	0.55363	579285.01	4141336.41	0.50305
578385.01	4141356.41	0.06658	578405.01	4141356.41	0.07377
578425.01	4141356.41	0.08247	578445.01	4141356.41	0.09283
578465.01	4141356.41	0.10577	578485.01	4141356.41	0.12356
578505.01	4141356.41	0.14410	578525.01	4141356.41	0.16962
578545.01	4141356.41	0.20593	578565.01	4141356.41	0.25549
578585.01	4141356.41	0.32252	578605.01	4141356.41	0.41948
578625.01	4141356.41	0.55950	578645.01	4141356.41	0.76510
578665.01	4141356.41	1.07506	578685.01	4141356.41	1.54234
579025.01	4141356.41	3.81100	579045.01	4141356.41	2.94216
579065.01	4141356.41	2.32267	579085.01	4141356.41	1.87633
579105.01	4141356.41	1.54716	579125.01		

4141356.41 1.30030
  579145.01 4141356.41 1.11036 579165.01
4141356.41 0.96049
  579185.01 4141356.41 0.84179 579205.01
4141356.41 0.74529
  579225.01 4141356.41 0.66579 579245.01
4141356.41 0.59881
  579265.01 4141356.41 0.54171 579285.01
4141356.41 0.49246
  579305.01 4141356.41 0.44945 578385.01
4141376.41 0.06793
  578405.01 4141376.41 0.07519 578425.01
4141376.41 0.08371
  578445.01 4141376.41 0.09411 578465.01
4141376.41 0.10653
  578485.01 4141376.41 0.12174 578505.01
4141376.41 0.14208
  578525.01 4141376.41 0.16961 578545.01
4141376.41 0.20144
  578565.01 4141376.41 0.24888 578585.01
4141376.41 0.31471
  578605.01 4141376.41 0.40866 578625.01
4141376.41 0.54688
  578645.01 4141376.41 0.75617 578665.01
4141376.41 1.08293
  578685.01 4141376.41 1.59878 579005.01
4141376.41 4.90739
  579025.01 4141376.41 3.64709 579045.01
4141376.41 2.79176
  579065.01 4141376.41 2.20438 579085.01
4141376.41 1.78653
  579105.01 4141376.41 1.47754 579125.01
4141376.41 1.24662
  579145.01 4141376.41 1.06947 579165.01
4141376.41 0.93018
  579185.01 4141376.41 0.81790 579205.01
4141376.41 0.72570
  579225.01 4141376.41 0.64910 579245.01
4141376.41 0.58432
  579265.01 4141376.41 0.52853 579285.01
4141376.41 0.48062

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.43893	578385.01	4141396.41	0.06967
578405.01	4141396.41	0.07677	578425.01	4141396.41	0.08506
578445.01	4141396.41	0.09525	578465.01	4141396.41	0.10806
578485.01	4141396.41	0.12339	578505.01	4141396.41	0.14199
578525.01	4141396.41	0.16814	578545.01	4141396.41	0.19914
578565.01	4141396.41	0.24290	578585.01	4141396.41	0.30477
578605.01	4141396.41	0.39486	578625.01	4141396.41	0.53056
578645.01	4141396.41	0.74129	578665.01	4141396.41	1.07847
579005.01	4141396.41	4.67551	579025.01	4141396.41	3.43283
579045.01	4141396.41	2.62360	579065.01	4141396.41	2.07773
579085.01	4141396.41	1.69302	579105.01	4141396.41	1.41041
579125.01	4141396.41	1.19826	579145.01	4141396.41	1.03277
579165.01	4141396.41	0.90048	579185.01	4141396.41	0.79326
579205.01	4141396.41	0.70510	579225.01	4141396.41	0.63089
579245.01	4141396.41	0.56785	579265.01	4141396.41	0.51373
579285.01	4141396.41	0.46720	579305.01	4141396.41	0.42659
578385.01	4141416.41	0.07142	578405.01	4141416.41	0.07859
578425.01	4141416.41	0.08716	578445.01	4141416.41	0.09748
578465.01	4141416.41	0.10992	578485.01		

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4141416.41        0.12533
         578505.01    4141416.41        0.14378                      578525.01
4141416.41        0.16770
         578545.01    4141416.41        0.19890                      578565.01
4141416.41        0.23949
         578585.01    4141416.41        0.29738                      578605.01
4141416.41        0.38154
         578625.01    4141416.41        0.51004                      578645.01
4141416.41        0.71432
         578665.01    4141416.41        1.05809                      579025.01
4141416.41        3.19451
         579045.01    4141416.41        2.45653                      579065.01
4141416.41        1.95935
         579085.01    4141416.41        1.60991                      579105.01
4141416.41        1.34960
         579125.01    4141416.41        1.15150                      579145.01
4141416.41        0.99492
         579165.01    4141416.41        0.86914                      579185.01
4141416.41        0.76634
         579205.01    4141416.41        0.68100                      579225.01
4141416.41        0.60960
         579245.01    4141416.41        0.54861                      579265.01
4141416.41        0.49662
         579285.01    4141416.41        0.45116                      579305.01
4141416.41        0.41237
         578385.01    4141436.41        0.07338                      578405.01
4141436.41        0.08083
         578425.01    4141436.41        0.08963                      578445.01
4141436.41        0.10034
         578465.01    4141436.41        0.11303                      578485.01
4141436.41        0.12846
         578505.01    4141436.41        0.14662                      578525.01
4141436.41        0.17063
         578545.01    4141436.41        0.20048                      578565.01
4141436.41        0.23957
         578585.01    4141436.41        0.29478                      578605.01
4141436.41        0.37334
         578625.01    4141436.41        0.49274                      578645.01
4141436.41        0.68580
         579025.01    4141436.41        2.95327                      579045.01
4141436.41        2.30003
         579065.01    4141436.41        1.85204                      579085.01
4141436.41        1.53106
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***

INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	1.28864	579125.01	4141436.41	1.10202
579145.01	4141436.41	0.95410	579165.01	4141436.41	0.83410
579185.01	4141436.41	0.73564	579205.01	4141436.41	0.65391
579225.01	4141436.41	0.58532	579245.01	4141436.41	0.52702
579265.01	4141436.41	0.47678	579285.01	4141436.41	0.43365
579305.01	4141436.41	0.39601	579325.01	4141436.41	0.36294
578385.01	4141456.41	0.07564	578405.01	4141456.41	0.08331
578425.01	4141456.41	0.09235	578445.01	4141456.41	0.10326
578465.01	4141456.41	0.11625	578485.01	4141456.41	0.13219
578505.01	4141456.41	0.15050	578525.01	4141456.41	0.17552
578545.01	4141456.41	0.20428	578565.01	4141456.41	0.24389
578585.01	4141456.41	0.29776	578605.01	4141456.41	0.37195
578625.01	4141456.41	0.48289	578645.01	4141456.41	0.66205
579045.01	4141456.41	2.14742	579065.01	4141456.41	1.74430
579085.01	4141456.41	1.44604	579105.01	4141456.41	1.22051
579125.01	4141456.41	1.04582	579145.01	4141456.41	0.90691
579165.01	4141456.41	0.79343	579185.01	4141456.41	0.70026
579205.01	4141456.41	0.62280	579225.01		

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4141456.41        0.55796
         579245.01    4141456.41        0.50222                      579265.01
4141456.41        0.45468
         578385.01    4141476.41        0.07796                      578405.01
4141476.41        0.08602
         578425.01    4141476.41        0.09545                      578445.01
4141476.41        0.10648
         578465.01    4141476.41        0.11996                      578485.01
4141476.41        0.13667
         578505.01    4141476.41        0.15601                      578525.01
4141476.41        0.18234
         578545.01    4141476.41        0.21063                      578565.01
4141476.41        0.25046
         578585.01    4141476.41        0.30357                      578605.01
4141476.41        0.37695
         578625.01    4141476.41        0.48336                      578645.01
4141476.41        0.65154
         579065.01    4141476.41        1.62067                      579085.01
4141476.41        1.35038
         579105.01    4141476.41        1.14208                      579125.01
4141476.41        0.97961
         579145.01    4141476.41        0.85098                      579165.01
4141476.41        0.74657
         579185.01    4141476.41        0.65899                      579205.01
4141476.41        0.58673
         579225.01    4141476.41        0.52625                      578385.01
4141496.41        0.08042
         578405.01    4141496.41        0.08894                      578425.01
4141496.41        0.09879
         578445.01    4141496.41        0.11040                      578465.01
4141496.41        0.12448
         578485.01    4141496.41        0.14194                      578505.01
4141496.41        0.16227
         578525.01    4141496.41        0.19028                      578545.01
4141496.41        0.21996
         578565.01    4141496.41        0.26067                      578585.01
4141496.41        0.31508
         578605.01    4141496.41        0.38924                      578625.01
4141496.41        0.49502
         578645.01    4141496.41        0.66063                      579085.01
4141496.41        1.23824
         579105.01    4141496.41        1.05203                      579125.01
4141496.41        0.90453
         579145.01    4141496.41        0.78757                      579165.01
4141496.41        0.69275
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	0.61346	579205.01	4141496.41	0.54729
578385.01	4141516.41	0.08271	578405.01	4141516.41	0.09190
578425.01	4141516.41	0.10257	578445.01	4141516.41	0.11486
578465.01	4141516.41	0.12978	578485.01	4141516.41	0.14816
578505.01	4141516.41	0.16996	578525.01	4141516.41	0.20047
578545.01	4141516.41	0.23192	578565.01	4141516.41	0.27653
578585.01	4141516.41	0.33467	578605.01	4141516.41	0.41406
578625.01	4141516.41	0.52799	578645.01	4141516.41	0.70321
579085.01	4141516.41	1.11080	579105.01	4141516.41	0.95036
579125.01	4141516.41	0.82209	579145.01	4141516.41	0.71863
579165.01	4141516.41	0.63416	578385.01	4141536.41	0.08561
578405.01	4141536.41	0.09511	578425.01	4141536.41	0.10651
578445.01	4141536.41	0.12016	578465.01	4141536.41	0.13621
578485.01	4141536.41	0.15596	578505.01	4141536.41	0.17963
578525.01	4141536.41	0.21412	578545.01	4141536.41	0.24775
578565.01	4141536.41	0.29829	578585.01	4141536.41	0.36458
578605.01	4141536.41	0.45503	578625.01		

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4141536.41        0.58781
         578645.01    4141536.41        0.79029                    578665.01
4141536.41        1.12598
         579105.01    4141536.41        0.84189                    579125.01
4141536.41        0.73404
         579185.01    4141536.41        0.51148                    578385.01
4141556.41        0.08916
         578405.01    4141556.41        0.09931                    578425.01
4141556.41        0.11137
         578445.01    4141556.41        0.12605                    578465.01
4141556.41        0.14396
         578485.01    4141556.41        0.16555                    578505.01
4141556.41        0.19214
         578525.01    4141556.41        0.22923                    578545.01
4141556.41        0.26890
         578565.01    4141556.41        0.32684                    578585.01
4141556.41        0.40500
         578605.01    4141556.41        0.51625                    578625.01
4141556.41        0.67968
         578645.01    4141556.41        0.93648                    578665.01
4141556.41        1.37108
         578685.01    4141556.41        2.18497                    579165.01
4141556.41        0.51093
         579185.01    4141556.41        0.45909                    579205.01
4141556.41        0.41478
         578385.01    4141576.41        0.09363                    578405.01
4141576.41        0.10460
         578425.01    4141576.41        0.11781                    578445.01
4141576.41        0.13389
         578465.01    4141576.41        0.15328                    578485.01
4141576.41        0.17748
         578505.01    4141576.41        0.20836                    578525.01
4141576.41        0.25047
         578545.01    4141576.41        0.29898                    578565.01
4141576.41        0.36734
         578585.01    4141576.41        0.46190                    578605.01
4141576.41        0.59841
         578625.01    4141576.41        0.80508                    578645.01
4141576.41        1.13731
         578665.01    4141576.41        1.68450                    578685.01
4141576.41        2.61946
         578705.01    4141576.41        4.14235                    579145.01
4141576.41        0.50082
         579165.01    4141576.41        0.45091                    579185.01
4141576.41        0.40803
         579205.01    4141576.41        0.37098                    579225.01
4141576.41        0.33875
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.31057	579265.01	4141576.41	0.28573
578385.01	4141596.41	0.09910	578405.01	4141596.41	0.11149
578425.01	4141596.41	0.12604	578445.01	4141596.41	0.14408
578465.01	4141596.41	0.16611	578485.01	4141596.41	0.19379
578505.01	4141596.41	0.23014	578525.01	4141596.41	0.27849
578545.01	4141596.41	0.33771	578565.01	4141596.41	0.42181
578585.01	4141596.41	0.53766	578605.01	4141596.41	0.70421
578625.01	4141596.41	0.95432	578645.01	4141596.41	1.34103
578665.01	4141596.41	1.94960	578685.01	4141596.41	2.86722
578705.01	4141596.41	4.10720	578725.01	4141596.41	5.65296
578745.01	4141596.41	7.42608	579105.01	4141596.41	0.53340
579145.01	4141596.41	0.43417	579165.01	4141596.41	0.39438
579185.01	4141596.41	0.35970	579205.01	4141596.41	0.32931
579225.01	4141596.41	0.30257	579245.01	4141596.41	0.27895
579265.01	4141596.41	0.25790	579285.01	4141596.41	0.23911
579305.01	4141596.41	0.22247	579325.01		

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4141596.41        0.20740
         579345.01    4141596.41        0.19375                    578385.01
4141616.41        0.10556
         578405.01    4141616.41        0.11961                    578425.01
4141616.41        0.13655
         578445.01    4141616.41        0.15707                    578465.01
4141616.41        0.18255
         578485.01    4141616.41        0.21478                    578505.01
4141616.41        0.25703
         578525.01    4141616.41        0.31554                    578545.01
4141616.41        0.38470
         578565.01    4141616.41        0.48584                    578585.01
4141616.41        0.62395
         578605.01    4141616.41        0.82044                    578625.01
4141616.41        1.10477
         578645.01    4141616.41        1.51261                    578665.01
4141616.41        2.09989
         578685.01    4141616.41        2.90264                    578705.01
4141616.41        3.90072
         578725.01    4141616.41        5.01802                    578745.01
4141616.41        6.22821
         579065.01    4141616.41        0.54845                    579085.01
4141616.41        0.49538
         579105.01    4141616.41        0.44931                    579125.01
4141616.41        0.40899
         579165.01    4141616.41        0.34257                    579185.01
4141616.41        0.31497
         579205.01    4141616.41        0.29050                    579225.01
4141616.41        0.26872
         579245.01    4141616.41        0.24922                    579265.01
4141616.41        0.23170
         579285.01    4141616.41        0.21545                    579305.01
4141616.41        0.20147
         579325.01    4141616.41        0.18882                    579345.01
4141616.41        0.17705
         578385.01    4141636.41        0.11359                    578405.01
4141636.41        0.12943
         578425.01    4141636.41        0.14873                    578445.01
4141636.41        0.17267
         578465.01    4141636.41        0.20257                    578485.01
4141636.41        0.23988
         578505.01    4141636.41        0.28882                    578525.01
4141636.41        0.35385
         578545.01    4141636.41        0.43752                    578565.01
4141636.41        0.55274
         578585.01    4141636.41        0.71219                    578605.01
4141636.41        0.92894
         578625.01    4141636.41        1.22420                    578645.01
4141636.41        1.62664
1 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	2.15108	578685.01	4141636.41	2.80828
578705.01	4141636.41	3.56266	578725.01	4141636.41	4.33057
579045.01	4141636.41	0.49326	579065.01	4141636.41	0.44950
579085.01	4141636.41	0.41115	579105.01	4141636.41	0.37726
579125.01	4141636.41	0.34721	579165.01	4141636.41	0.29620
579185.01	4141636.41	0.27470	579205.01	4141636.41	0.25524
579225.01	4141636.41	0.23768	579245.01	4141636.41	0.22176
579265.01	4141636.41	0.20735	579285.01	4141636.41	0.19406
579305.01	4141636.41	0.18217	579325.01	4141636.41	0.17129
579345.01	4141636.41	0.16131	578385.01	4141656.41	0.12340
578405.01	4141656.41	0.14141	578425.01	4141656.41	0.16307
578445.01	4141656.41	0.19033	578465.01	4141656.41	0.22547
578485.01	4141656.41	0.26878	578505.01	4141656.41	0.32682
578525.01	4141656.41	0.39815	578545.01	4141656.41	0.49290
578565.01	4141656.41	0.61953	578585.01		

4141656.41 0.78803
578605.01 4141656.41 1.01124 578625.01
4141656.41 1.30532
578645.01 4141656.41 1.67174 578665.01
4141656.41 2.11445
578685.01 4141656.41 2.63317 578705.01
4141656.41 3.14901
578725.01 4141656.41 3.63255 579005.01
4141656.41 0.48137
579025.01 4141656.41 0.43849 579045.01
4141656.41 0.40199
579065.01 4141656.41 0.37023 579085.01
4141656.41 0.34216
579105.01 4141656.41 0.31712 579125.01
4141656.41 0.29458
579145.01 4141656.41 0.27423 579185.01
4141656.41 0.23900
579205.01 4141656.41 0.22365 579225.01
4141656.41 0.20961
579245.01 4141656.41 0.19673 579265.01
4141656.41 0.18499
579285.01 4141656.41 0.17413 579305.01
4141656.41 0.16419
579325.01 4141656.41 0.15490 579345.01
4141656.41 0.14636
578385.01 4141676.41 0.13488 578405.01
4141676.41 0.15494
578425.01 4141676.41 0.17950 578445.01
4141676.41 0.21052
578465.01 4141676.41 0.25040 578485.01
4141676.41 0.29944
578505.01 4141676.41 0.36459 578525.01
4141676.41 0.44393
578545.01 4141676.41 0.54683 578565.01
4141676.41 0.67973
578585.01 4141676.41 0.85056 578605.01
4141676.41 1.06549
578625.01 4141676.41 1.33338 578645.01
4141676.41 1.65444
578665.01 4141676.41 2.01380 578685.01
4141676.41 2.37652
578705.01 4141676.41 2.71297 578985.01
4141676.41 0.43086
579005.01 4141676.41 0.39160 579025.01
4141676.41 0.35916
579045.01 4141676.41 0.33159 579065.01
4141676.41 0.30775
579085.01 4141676.41 0.28666 579105.01
4141676.41 0.26783
579125.01 4141676.41 0.25080 579145.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.22095	579185.01	4141676.41	0.20784
579205.01	4141676.41	0.19580	579225.01	4141676.41	0.18465
579245.01	4141676.41	0.17429	579265.01	4141676.41	0.16472
579285.01	4141676.41	0.15589	579305.01	4141676.41	0.14755
579325.01	4141676.41	0.14000	579345.01	4141676.41	0.13288
578385.01	4141696.41	0.14750	578405.01	4141696.41	0.16999
578425.01	4141696.41	0.19823	578445.01	4141696.41	0.23389
578465.01	4141696.41	0.27719	578485.01	4141696.41	0.33061
578505.01	4141696.41	0.40057	578525.01	4141696.41	0.48710
578565.01	4141696.41	0.72732	578585.01	4141696.41	0.89212
578605.01	4141696.41	1.09069	578625.01	4141696.41	1.32146
578645.01	4141696.41	1.58370	578665.01	4141696.41	1.85174
578685.01	4141696.41	2.09649	578945.01	4141696.41	0.44577
578965.01	4141696.41	0.39619	578985.01		

4141696.41 0.35698
579005.01 4141696.41 0.32540 579025.01
4141696.41 0.29949
579045.01 4141696.41 0.27771 579065.01
4141696.41 0.25897
579085.01 4141696.41 0.24256 579105.01
4141696.41 0.22792
579125.01 4141696.41 0.21472 579145.01
4141696.41 0.20262
579165.01 4141696.41 0.19148 579185.01
4141696.41 0.18113
579205.01 4141696.41 0.17162 579225.01
4141696.41 0.16273
579245.01 4141696.41 0.15445 579265.01
4141696.41 0.14667
579285.01 4141696.41 0.13943 579305.01
4141696.41 0.13267
579325.01 4141696.41 0.12631 579345.01
4141696.41 0.12034
578385.01 4141716.41 0.16137 578405.01
4141716.41 0.18679
578425.01 4141716.41 0.21855 578445.01
4141716.41 0.25728
578465.01 4141716.41 0.30331 578485.01
4141716.41 0.36052
578505.01 4141716.41 0.43437 578525.01
4141716.41 0.52492
578605.01 4141716.41 1.08382 578625.01
4141716.41 1.27741
578645.01 4141716.41 1.47901 578665.01
4141716.41 1.66418
578685.01 4141716.41 1.81735 578905.01
4141716.41 0.49261
578925.01 4141716.41 0.42763 578945.01
4141716.41 0.37612
578965.01 4141716.41 0.33514 578985.01
4141716.41 0.30242
579005.01 4141716.41 0.27605 579025.01
4141716.41 0.25442
579045.01 4141716.41 0.23639 579065.01
4141716.41 0.22105
579085.01 4141716.41 0.20769 579105.01
4141716.41 0.19583
579125.01 4141716.41 0.18526 579145.01
4141716.41 0.17563
579165.01 4141716.41 0.16673 579185.01
4141716.41 0.15848
579205.01 4141716.41 0.15087 579225.01
4141716.41 0.14372
579245.01 4141716.41 0.13705 579265.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.11395	579345.01	4141716.41	0.10898
578385.01	4141736.41	0.17607	578405.01	4141736.41	0.20459
578425.01	4141736.41	0.23883	578445.01	4141736.41	0.27907
578465.01	4141736.41	0.32761	578485.01	4141736.41	0.38752
578505.01	4141736.41	0.46517	578625.01	4141736.41	1.20580
578645.01	4141736.41	1.34889	578665.01	4141736.41	1.47045
578865.01	4141736.41	0.56263	578885.01	4141736.41	0.48280
578905.01	4141736.41	0.41824	578925.01	4141736.41	0.36584
578945.01	4141736.41	0.32329	578965.01	4141736.41	0.28895
578985.01	4141736.41	0.26111	579005.01	4141736.41	0.23849
579025.01	4141736.41	0.21992	579045.01	4141736.41	0.20447
579065.01	4141736.41	0.19137	579085.01	4141736.41	0.18007
579105.01	4141736.41	0.17012	579125.01		

4141736.41 0.16136
579145.01 4141736.41 0.15343 579165.01
4141736.41 0.14615
579185.01 4141736.41 0.13941 579205.01
4141736.41 0.13320
579225.01 4141736.41 0.12739 579245.01
4141736.41 0.12192
579265.01 4141736.41 0.11676 579285.01
4141736.41 0.11187
579305.01 4141736.41 0.10724 579325.01
4141736.41 0.10286
579345.01 4141736.41 0.09869 578385.01
4141756.41 0.19196
578405.01 4141756.41 0.22220 578425.01
4141756.41 0.25787
578445.01 4141756.41 0.30020 578465.01
4141756.41 0.35032
578485.01 4141756.41 0.41414 578845.01
4141756.41 0.54873
578865.01 4141756.41 0.47362 578885.01
4141756.41 0.41158
578905.01 4141756.41 0.36009 578925.01
4141756.41 0.31735
578945.01 4141756.41 0.28201 578965.01
4141756.41 0.25285
578985.01 4141756.41 0.22894 579005.01
4141756.41 0.20926
579025.01 4141756.41 0.19299 579045.01
4141756.41 0.17939
579065.01 4141756.41 0.16791 579085.01
4141756.41 0.15807
579105.01 4141756.41 0.14948 579125.01
4141756.41 0.14197
579145.01 4141756.41 0.13523 579165.01
4141756.41 0.12909
579185.01 4141756.41 0.12343 579205.01
4141756.41 0.11826
579225.01 4141756.41 0.11342 579245.01
4141756.41 0.10886
579265.01 4141756.41 0.10458 579285.01
4141756.41 0.10053
579305.01 4141756.41 0.09668 579325.01
4141756.41 0.09300
579345.01 4141756.41 0.08950 578385.01
4141776.41 0.20686
578405.01 4141776.41 0.23868 578425.01
4141776.41 0.27460
578445.01 4141776.41 0.31732 578465.01
4141776.41 0.36882
578485.01 4141776.41 0.43002 578825.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	0.27833	578945.01	4141776.41	0.24870
578965.01	4141776.41	0.22394	578985.01	4141776.41	0.20318
579005.01	4141776.41	0.18589	579025.01	4141776.41	0.17148
579045.01	4141776.41	0.15939	579065.01	4141776.41	0.14914
579085.01	4141776.41	0.14038	579105.01	4141776.41	0.13278
579125.01	4141776.41	0.12617	579145.01	4141776.41	0.12027
579165.01	4141776.41	0.11495	579185.01	4141776.41	0.11009
579205.01	4141776.41	0.10566	579225.01	4141776.41	0.10154
579245.01	4141776.41	0.09767	579265.01	4141776.41	0.09406
579285.01	4141776.41	0.09063	579305.01	4141776.41	0.08740
579325.01	4141776.41	0.08428	579345.01	4141776.41	0.08133
578405.01	4141796.41	0.25263	578425.01		

4141796.41 0.28917
578445.01 4141796.41 0.33191 578465.01
4141796.41 0.38358
578805.01 4141796.41 0.51291 578825.01
4141796.41 0.44948
578845.01 4141796.41 0.39524 578865.01
4141796.41 0.34899
578885.01 4141796.41 0.30963 578905.01
4141796.41 0.27569
578925.01 4141796.41 0.24636 578945.01
4141796.41 0.22138
578965.01 4141796.41 0.20008 578985.01
4141796.41 0.18202
579005.01 4141796.41 0.16679 579025.01
4141796.41 0.15393
579045.01 4141796.41 0.14311 579065.01
4141796.41 0.13389
579085.01 4141796.41 0.12599 579105.01
4141796.41 0.11914
579125.01 4141796.41 0.11319 579145.01
4141796.41 0.10792
579165.01 4141796.41 0.10320 579185.01
4141796.41 0.09892
579205.01 4141796.41 0.09504 579225.01
4141796.41 0.09145
579245.01 4141796.41 0.08813 579265.01
4141796.41 0.08498
579285.01 4141796.41 0.08207 579305.01
4141796.41 0.07929
579325.01 4141796.41 0.07665 579345.01
4141796.41 0.07414
578445.01 4141816.41 0.34443 578585.01
4141816.41 0.73771
578605.01 4141816.41 0.78639 578665.01
4141816.41 0.83444
578685.01 4141816.41 0.80808 578785.01
4141816.41 0.49332
578805.01 4141816.41 0.43517 578825.01
4141816.41 0.38500
578845.01 4141816.41 0.34193 578865.01
4141816.41 0.30481
578885.01 4141816.41 0.27243 578905.01
4141816.41 0.24439
578925.01 4141816.41 0.21975 578945.01
4141816.41 0.19847
578965.01 4141816.41 0.18009 578985.01
4141816.41 0.16433
579005.01 4141816.41 0.15087 579025.01
4141816.41 0.13939
579045.01 4141816.41 0.12961 579065.01

4141816.41 0.12125
 579085.01 4141816.41 0.11407 579105.01
4141816.41 0.10785
 579125.01 4141816.41 0.10243 579145.01
4141816.41 0.09764
 579165.01 4141816.41 0.09338 579185.01
4141816.41 0.08953

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.08606	579225.01	4141816.41	0.08287
579245.01	4141816.41	0.07995	579265.01	4141816.41	0.07722
579285.01	4141816.41	0.07465	579305.01	4141816.41	0.07222
579325.01	4141816.41	0.06993	579345.01	4141816.41	0.06775
578565.01	4141836.41	0.63935	578585.01	4141836.41	0.68030
578605.01	4141836.41	0.71422	578625.01	4141836.41	0.73316
578645.01	4141836.41	0.73547	578665.01	4141836.41	0.72133
578685.01	4141836.41	0.68971	578705.01	4141836.41	0.64397
578725.01	4141836.41	0.58891	578765.01	4141836.41	0.47261
578785.01	4141836.41	0.41995	578805.01	4141836.41	0.37358
578825.01	4141836.41	0.33344	578845.01		

4141836.41 0.29873
578865.01 4141836.41 0.26818 578885.01
4141836.41 0.24171
578905.01 4141836.41 0.21815 578925.01
4141836.41 0.19730
578945.01 4141836.41 0.17903 578965.01
4141836.41 0.16310
578985.01 4141836.41 0.14928 579005.01
4141836.41 0.13737
579025.01 4141836.41 0.12711 579045.01
4141836.41 0.11828
579065.01 4141836.41 0.11067 579085.01
4141836.41 0.10409
579105.01 4141836.41 0.09839 579125.01
4141836.41 0.09342
579145.01 4141836.41 0.08901 579165.01
4141836.41 0.08510
579185.01 4141836.41 0.08160 579205.01
4141836.41 0.07845
579225.01 4141836.41 0.07557 579245.01
4141836.41 0.07293
579265.01 4141836.41 0.07050 579285.01
4141836.41 0.06821
579305.01 4141836.41 0.06607 579325.01
4141836.41 0.06405
579345.01 4141836.41 0.06212 578565.01
4141856.41 0.59552
578585.01 4141856.41 0.62459 578605.01
4141856.41 0.64426
578625.01 4141856.41 0.65145 578645.01
4141856.41 0.64491
578665.01 4141856.41 0.62442 578685.01
4141856.41 0.59137
578705.01 4141856.41 0.54876 578725.01
4141856.41 0.50066
578745.01 4141856.41 0.45131 578765.01
4141856.41 0.40426
578785.01 4141856.41 0.36164 578805.01
4141856.41 0.32420
578825.01 4141856.41 0.29164 578845.01
4141856.41 0.26317
578865.01 4141856.41 0.23803 578885.01
4141856.41 0.21588
578905.01 4141856.41 0.19594 578925.01
4141856.41 0.17820
578945.01 4141856.41 0.16240 578965.01
4141856.41 0.14849
578985.01 4141856.41 0.13634 579005.01
4141856.41 0.12575
579025.01 4141856.41 0.11654 579045.01

4141856.41 0.10857
579065.01 4141856.41 0.10163 579085.01
4141856.41 0.09560
579105.01 4141856.41 0.09035 579125.01
4141856.41 0.08575
579145.01 4141856.41 0.08168 579165.01
4141856.41 0.07807
579185.01 4141856.41 0.07485 579205.01
4141856.41 0.07195

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.06931	579245.01	4141856.41	0.06691
579265.01	4141856.41	0.06470	579285.01	4141856.41	0.06262
579305.01	4141856.41	0.06069	579325.01	4141856.41	0.05891
579345.01	4141856.41	0.05720	578545.01	4141876.41	0.52364
578565.01	4141876.41	0.55043	578585.01	4141876.41	0.56929
578605.01	4141876.41	0.57905	578625.01	4141876.41	0.57804
578645.01	4141876.41	0.56557	578665.01	4141876.41	0.54226
578685.01	4141876.41	0.50986	578705.01	4141876.41	0.47119
578725.01	4141876.41	0.42957	578745.01	4141876.41	0.38818
578765.01	4141876.41	0.34942	578785.01		

4141876.41 0.31460
578805.01 4141876.41 0.28400 578825.01
4141876.41 0.25725
578845.01 4141876.41 0.23371 578865.01
4141876.41 0.21279
578885.01 4141876.41 0.19398 578905.01
4141876.41 0.17700
578925.01 4141876.41 0.16177 578945.01
4141876.41 0.14808
578965.01 4141876.41 0.13589 578985.01
4141876.41 0.12511
579005.01 4141876.41 0.11565 579025.01
4141876.41 0.10738
579045.01 4141876.41 0.10015 579065.01
4141876.41 0.09382
579085.01 4141876.41 0.08828 579105.01
4141876.41 0.08344
579125.01 4141876.41 0.07918 579145.01
4141876.41 0.07540
579165.01 4141876.41 0.07204 579185.01
4141876.41 0.06906
579205.01 4141876.41 0.06637 579225.01
4141876.41 0.06392
579245.01 4141876.41 0.06171 579265.01
4141876.41 0.05968
579285.01 4141876.41 0.05777 579305.01
4141876.41 0.05602
579325.01 4141876.41 0.05440 579345.01
4141876.41 0.05285
578545.01 4141896.41 0.48746 578565.01
4141896.41 0.50569
578585.01 4141896.41 0.51680 578605.01
4141896.41 0.51958
578625.01 4141896.41 0.51283 578645.01
4141896.41 0.49689
578665.01 4141896.41 0.47272 578685.01
4141896.41 0.44213
578705.01 4141896.41 0.40759 578725.01
4141896.41 0.37177
578745.01 4141896.41 0.33695 578765.01
4141896.41 0.30482
578785.01 4141896.41 0.27609 578805.01
4141896.41 0.25084
578825.01 4141896.41 0.22863 578845.01
4141896.41 0.20896
578865.01 4141896.41 0.19129 578885.01
4141896.41 0.17526
578905.01 4141896.41 0.16072 578925.01
4141896.41 0.14752
578945.01 4141896.41 0.13558 578965.01

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4141896.41        0.12485
         578985.01    4141896.41        0.11530                       579005.01
4141896.41        0.10684
         579025.01    4141896.41        0.09935                       579045.01
4141896.41        0.09278
         579065.01    4141896.41        0.08700                       579085.01
4141896.41        0.08191
         579105.01    4141896.41        0.07744                       579125.01
4141896.41        0.07347
         579145.01    4141896.41        0.06996                       579165.01
4141896.41        0.06682
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP3   ***
                                   INCLUDING SOURCE(S):     BC1_1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579185.01    4141896.41        0.06404                       579205.01
4141896.41        0.06153
         579225.01    4141896.41        0.05926                       579245.01
4141896.41        0.05718
         579265.01    4141896.41        0.05530                       579285.01
4141896.41        0.05355
         579305.01    4141896.41        0.05194                       579325.01
4141896.41        0.05044
         579345.01    4141896.41        0.04902                       578565.01
4141916.41        0.46364
         578585.01    4141916.41        0.46780                       578605.01
4141916.41        0.46573
         578625.01    4141916.41        0.45533                       578645.01
4141916.41        0.43765
         578665.01    4141916.41        0.41384                       578685.01
4141916.41        0.38563
         578705.01    4141916.41        0.35511                       578725.01
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4141916.41 0.32429
578745.01 4141916.41 0.29501 578765.01
4141916.41 0.26817
578785.01 4141916.41 0.24427 578805.01
4141916.41 0.22315
578825.01 4141916.41 0.20459 578845.01
4141916.41 0.18797
578865.01 4141916.41 0.17290 578885.01
4141916.41 0.15915
578905.01 4141916.41 0.14656 578925.01
4141916.41 0.13506
578945.01 4141916.41 0.12460 578965.01
4141916.41 0.11514
578985.01 4141916.41 0.10664 579005.01
4141916.41 0.09903
579025.01 4141916.41 0.09229 579045.01
4141916.41 0.08630
579065.01 4141916.41 0.08098 579085.01
4141916.41 0.07629
579105.01 4141916.41 0.07216 579125.01
4141916.41 0.06847
579145.01 4141916.41 0.06519 579165.01
4141916.41 0.06226
579185.01 4141916.41 0.05966 578386.27
4141125.26 0.07295
578406.27 4141125.26 0.08298 578426.27
4141125.26 0.09459
578446.27 4141125.26 0.10858 578466.27
4141125.26 0.12856
578486.27 4141125.26 0.14961 578506.27
4141125.26 0.17514
578526.27 4141125.26 0.20482 578546.27
4141125.26 0.24056
578566.27 4141125.26 0.28335 578586.27
4141125.26 0.33548
578606.27 4141125.26 0.39946 578626.27
4141125.26 0.47351
578646.27 4141125.26 0.56445 578666.27
4141125.26 0.67623
578686.27 4141125.26 0.80778 578706.27
4141125.26 0.96584
578726.27 4141125.26 1.15729 578746.27
4141125.26 1.38918
578766.27 4141125.26 1.65595 578786.27
4141125.26 1.95405
578806.27 4141125.26 2.28253 578826.27
4141125.26 2.61123
578846.27 4141125.26 2.92953 578866.27
4141125.26 3.21992
578886.27 4141125.26 3.46188 578906.27

4141125.26 3.63020
  578926.27 4141125.26 3.70226 578946.27 4141125.26 3.68575
  578966.27 4141125.26 3.58461 578986.27 4141125.26 3.41206
  579006.27 4141125.26 3.18566 579026.27 4141125.26 2.92681
  579046.27 4141125.26 2.64749 579066.27 4141125.26 2.36208
  579086.27 4141125.26 2.09362 579106.27 4141125.26 1.84992
  579126.27 4141125.26 1.63198 579146.27 4141125.26 1.43639

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.26173	579186.27	4141125.26	1.11305
579206.27	4141125.26	0.98704	578386.27	4141145.26	0.07160
578406.27	4141145.26	0.08143	578426.27	4141145.26	0.09336
578446.27	4141145.26	0.10712	578466.27	4141145.26	0.12409
578486.27	4141145.26	0.14817	578506.27	4141145.26	0.17388
578526.27	4141145.26	0.20523	578546.27	4141145.26	0.24216
578566.27	4141145.26	0.28745	578586.27	4141145.26	0.34160
578606.27	4141145.26	0.40887	578626.27		

4141145.26 0.49142
578646.27 4141145.26 0.59037 578666.27
4141145.26 0.70846
578686.27 4141145.26 0.85472 578706.27
4141145.26 1.03350
578726.27 4141145.26 1.25569 578746.27
4141145.26 1.51663
578766.27 4141145.26 1.81820 578786.27
4141145.26 2.15986
578806.27 4141145.26 2.53394 578826.27
4141145.26 2.91662
578846.27 4141145.26 3.27371 578866.27
4141145.26 3.60043
578886.27 4141145.26 3.85836 578906.27
4141145.26 4.02567
578926.27 4141145.26 4.08839 578946.27
4141145.26 4.03868
578966.27 4141145.26 3.89206 578986.27
4141145.26 3.66985
579006.27 4141145.26 3.39090 579026.27
4141145.26 3.07532
579046.27 4141145.26 2.74646 579066.27
4141145.26 2.43092
579086.27 4141145.26 2.14290 579106.27
4141145.26 1.87538
579126.27 4141145.26 1.64306 579146.27
4141145.26 1.43531
579166.27 4141145.26 1.25566 579186.27
4141145.26 1.10142
579206.27 4141145.26 0.97253 578723.62
4141929.59 0.29951
578743.62 4141929.59 0.27313 578763.62
4141929.59 0.24906
578783.62 4141929.59 0.22761 578803.62
4141929.59 0.20866
578823.62 4141929.59 0.19189 578843.62
4141929.59 0.17681
578863.62 4141929.59 0.16311 578883.62
4141929.59 0.15054
578903.62 4141929.59 0.13900 578923.62
4141929.59 0.12840
578943.62 4141929.59 0.11871 578963.62
4141929.59 0.10992
578983.62 4141929.59 0.10198 579003.62
4141929.59 0.09484
579023.62 4141929.59 0.08847 579043.62
4141929.59 0.08279
579063.62 4141929.59 0.07774 579083.62
4141929.59 0.07324
579103.62 4141929.59 0.06926 579123.62

4141929.59 0.06573
 579143.62 4141929.59 0.06257 579163.62
4141929.59 0.05974
 579183.62 4141929.59 0.05722 578725.67
4141942.60 0.27349
 578745.67 4141942.60 0.24992 578765.67
4141942.60 0.22864
 578785.67 4141942.60 0.20972 578805.67
4141942.60 0.19298
 578825.67 4141942.60 0.17804 578845.67
4141942.60 0.16452
 578865.67 4141942.60 0.15219 578885.67
4141942.60 0.14081
 578905.67 4141942.60 0.13036 578925.67
4141942.60 0.12070

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.11185	578965.67	4141942.60	0.10378
578985.67	4141942.60	0.09648	579005.67	4141942.60	0.08990
579025.67	4141942.60	0.08399	579045.67	4141942.60	0.07870
579065.67	4141942.60	0.07398	579085.67	4141942.60	0.06977
579105.67	4141942.60	0.06602	579125.67	4141942.60	0.06267
579145.67	4141942.60	0.05969	579165.67	4141942.60	0.05701
579185.67	4141942.60	0.05462	578745.52		

4141955.60 0.23177
578765.52 4141955.60 0.21262 578785.52
4141955.60 0.19565
578805.52 4141955.60 0.18059 578825.52
4141955.60 0.16707
578845.52 4141955.60 0.15480 578865.52
4141955.60 0.14352
578885.52 4141955.60 0.13313 578905.52
4141955.60 0.12352
578925.52 4141955.60 0.11462 578945.52
4141955.60 0.10643
578965.52 4141955.60 0.09894 578985.52
4141955.60 0.09212
579005.52 4141955.60 0.08596 579025.52
4141955.60 0.08042
579045.52 4141955.60 0.07543 579065.52
4141955.60 0.07096
579085.52 4141955.60 0.06696 579105.52
4141955.60 0.06338
579125.52 4141955.60 0.06018 579145.52
4141955.60 0.05732
579165.52 4141955.60 0.05476 579185.52
4141955.60 0.05245
578785.22 4141971.34 0.18053 578805.22
4141971.34 0.16717
578825.22 4141971.34 0.15516 578845.22
4141971.34 0.14420
578865.22 4141971.34 0.13404 578885.22
4141971.34 0.12472
578905.22 4141971.34 0.11601 578925.22
4141971.34 0.10790
578945.22 4141971.34 0.10044 578965.22
4141971.34 0.09357
578985.22 4141971.34 0.08729 579005.22
4141971.34 0.08158
579025.22 4141971.34 0.07643 579045.22
4141971.34 0.07178
579065.22 4141971.34 0.06760 579085.22
4141971.34 0.06383
579105.22 4141971.34 0.06045 579125.22
4141971.34 0.05741
579145.22 4141971.34 0.05469 579165.22
4141971.34 0.05225
579185.22 4141971.34 0.05005 578790.01
4141986.40 0.16454
578810.01 4141986.40 0.15289 578830.01
4141986.40 0.14234
578850.01 4141986.40 0.13263 578870.01
4141986.40 0.12366
578890.01 4141986.40 0.11532 578910.01

4141986.40 0.10751
578930.01 4141986.40 0.10023 578950.01
4141986.40 0.09351
578970.01 4141986.40 0.08731 578990.01
4141986.40 0.08163
579010.01 4141986.40 0.07645 579030.01
4141986.40 0.07175
579050.01 4141986.40 0.06750 579070.01
4141986.40 0.06367
579090.01 4141986.40 0.06021 579110.01
4141986.40 0.05709
579130.01 4141986.40 0.05428 579150.01
4141986.40 0.05175
579170.01 4141986.40 0.04948 579190.01
4141986.40 0.04742
578810.54 4142001.46 0.14246 578830.54
4142001.46 0.13298

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
578850.54 4142001.46 0.12420 578870.54
4142001.46 0.11609
578890.54 4142001.46 0.10849 578910.54
4142001.46 0.10136
578930.54 4142001.46 0.09471 578950.54
4142001.46 0.08852
578970.54 4142001.46 0.08282 578990.54
4142001.46 0.07757
579010.54 4142001.46 0.07276 579030.54
4142001.46 0.06838
579050.54 4142001.46 0.06440 579070.54

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.05823	578405.01	4141176.41	0.06578
578425.01	4141176.41	0.07473	578445.01	4141176.41	0.08555
578465.01	4141176.41	0.09822	578485.01	4141176.41	0.11400
578505.01	4141176.41	0.13418	578525.01	4141176.41	0.15932
578545.01	4141176.41	0.19176	578565.01	4141176.41	0.23176
578585.01	4141176.41	0.28218	578605.01	4141176.41	0.34422
578625.01	4141176.41	0.41877	578645.01	4141176.41	0.50984
578665.01	4141176.41	0.62431	578685.01	4141176.41	0.77020
578705.01	4141176.41	0.95164	578725.01	4141176.41	1.18365
578745.01	4141176.41	1.48644	578765.01	4141176.41	1.86747
578785.01	4141176.41	2.34683	578805.01		

4141176.41 2.91632
578825.01 4141176.41 3.55371 578845.01
4141176.41 4.20279
578865.01 4141176.41 4.76319 578885.01
4141176.41 5.18988
578905.01 4141176.41 5.42326 578925.01
4141176.41 5.44570
578945.01 4141176.41 5.26812 578965.01
4141176.41 4.91004
578985.01 4141176.41 4.43423 579005.01
4141176.41 3.89762
579025.01 4141176.41 3.36950 579045.01
4141176.41 2.88556
579065.01 4141176.41 2.46226 579085.01
4141176.41 2.10017
579105.01 4141176.41 1.79789 579125.01
4141176.41 1.54487
579145.01 4141176.41 1.33051 579165.01
4141176.41 1.14635
579185.01 4141176.41 0.99175 579205.01
4141176.41 0.85957
579225.01 4141176.41 0.74911 578385.01
4141196.41 0.05673
578405.01 4141196.41 0.06426 578425.01
4141196.41 0.07322
578445.01 4141196.41 0.08381 578465.01
4141196.41 0.09663
578485.01 4141196.41 0.11243 578505.01
4141196.41 0.13217
578525.01 4141196.41 0.15744 578545.01
4141196.41 0.18973
578565.01 4141196.41 0.23103 578585.01
4141196.41 0.28315
578605.01 4141196.41 0.34765 578625.01
4141196.41 0.42759
578645.01 4141196.41 0.52902 578665.01
4141196.41 0.65787
578685.01 4141196.41 0.81691 578705.01
4141196.41 1.01997
578725.01 4141196.41 1.28342 578745.01
4141196.41 1.62946
578765.01 4141196.41 2.08112 578785.01
4141196.41 2.64021
578805.01 4141196.41 3.31061 578825.01
4141196.41 4.04598
578845.01 4141196.41 4.78228 578865.01
4141196.41 5.42177
578885.01 4141196.41 5.85942 578905.01
4141196.41 6.06569
578925.01 4141196.41 6.02468 578945.01

4141196.41 5.75155
578965.01 4141196.41 5.29222 578985.01
4141196.41 4.70131
579005.01 4141196.41 4.07908 579025.01
4141196.41 3.48608
579045.01 4141196.41 2.94817 579065.01
4141196.41 2.49269
579085.01 4141196.41 2.10436 579105.01
4141196.41 1.78434

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	1.52036	579145.01	4141196.41	1.30143
579165.01	4141196.41	1.11540	579185.01	4141196.41	0.95868
579205.01	4141196.41	0.82940	579225.01	4141196.41	0.72415
579245.01	4141196.41	0.63958	578385.01	4141216.41	0.05514
578405.01	4141216.41	0.06258	578425.01	4141216.41	0.07142
578445.01	4141216.41	0.08195	578465.01	4141216.41	0.09475
578485.01	4141216.41	0.11043	578505.01	4141216.41	0.12985
578525.01	4141216.41	0.15516	578545.01	4141216.41	0.18748
578565.01	4141216.41	0.22930	578585.01	4141216.41	0.28311
578605.01	4141216.41	0.35074	578625.01		

4141216.41 0.43723
578645.01 4141216.41 0.54870 578665.01
4141216.41 0.68777
578685.01 4141216.41 0.86636 578705.01
4141216.41 1.09435
578725.01 4141216.41 1.39445 578745.01
4141216.41 1.79543
578765.01 4141216.41 2.32652 578785.01
4141216.41 2.99595
578805.01 4141216.41 3.78400 578825.01
4141216.41 4.64546
578845.01 4141216.41 5.48515 578925.01
4141216.41 6.66966
578945.01 4141216.41 6.27290 578965.01
4141216.41 5.69927
578985.01 4141216.41 4.99551 579005.01
4141216.41 4.26710
579025.01 4141216.41 3.58377 579045.01
4141216.41 2.99195
579065.01 4141216.41 2.50177 579085.01
4141216.41 2.09334
579105.01 4141216.41 1.75943 579125.01
4141216.41 1.48878
579145.01 4141216.41 1.26467 579165.01
4141216.41 1.07719
579185.01 4141216.41 0.92435 579205.01
4141216.41 0.80169
579225.01 4141216.41 0.70438 579245.01
4141216.41 0.62616
578385.01 4141236.41 0.05346 578405.01
4141236.41 0.06086
578425.01 4141236.41 0.06950 578445.01
4141236.41 0.07992
578465.01 4141236.41 0.09254 578485.01
4141236.41 0.10804
578505.01 4141236.41 0.12783 578525.01
4141236.41 0.15291
578545.01 4141236.41 0.18454 578565.01
4141236.41 0.22647
578585.01 4141236.41 0.28189 578605.01
4141236.41 0.35255
578625.01 4141236.41 0.44410 578645.01
4141236.41 0.56359
578665.01 4141236.41 0.71696 578685.01
4141236.41 0.91659
578705.01 4141236.41 1.17666 578725.01
4141236.41 1.52291
578745.01 4141236.41 1.98757 578765.01
4141236.41 2.61127
578785.01 4141236.41 3.42042 578805.01

4141236.41 4.36324
  578825.01 4141236.41 5.38290 578945.01
4141236.41 6.85766
  578965.01 4141236.41 6.11295 578985.01
4141236.41 5.28578
  579005.01 4141236.41 4.43385 579025.01
4141236.41 3.66395
  579045.01 4141236.41 3.01436 579065.01
4141236.41 2.48701
  579085.01 4141236.41 2.06734 579105.01
4141236.41 1.72456

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	1.44628	579145.01	4141236.41	1.21973
579165.01	4141236.41	1.03800	579185.01	4141236.41	0.89285
579205.01	4141236.41	0.77873	579225.01	4141236.41	0.68983
579245.01	4141236.41	0.61835	578385.01	4141256.41	0.05214
578405.01	4141256.41	0.05917	578425.01	4141256.41	0.06769
578445.01	4141256.41	0.07782	578465.01	4141256.41	0.09015
578485.01	4141256.41	0.10546	578505.01	4141256.41	0.12506
578525.01	4141256.41	0.14962	578545.01	4141256.41	0.18093
578565.01	4141256.41	0.22279	578585.01		

4141256.41 0.27910
578605.01 4141256.41 0.35329 578625.01
4141256.41 0.44919
578645.01 4141256.41 0.57533 578665.01
4141256.41 0.74410
578685.01 4141256.41 0.96581 578705.01
4141256.41 1.26549
578725.01 4141256.41 1.66677 578745.01
4141256.41 2.21466
578765.01 4141256.41 2.95807 578785.01
4141256.41 3.92541
578805.01 4141256.41 5.08528 578965.01
4141256.41 6.55762
578985.01 4141256.41 5.54587 579005.01
4141256.41 4.58291
579025.01 4141256.41 3.71609 579045.01
4141256.41 3.01486
579065.01 4141256.41 2.45965 579085.01
4141256.41 2.02522
579105.01 4141256.41 1.67310 579125.01
4141256.41 1.39446
579145.01 4141256.41 1.17423 579165.01
4141256.41 1.00179
579185.01 4141256.41 0.86772 579205.01
4141256.41 0.76313
579225.01 4141256.41 0.68132 579245.01
4141256.41 0.61603
579265.01 4141256.41 0.56226 578385.01
4141276.41 0.05185
578405.01 4141276.41 0.05793 578425.01
4141276.41 0.06593
578445.01 4141276.41 0.07590 578465.01
4141276.41 0.08787
578485.01 4141276.41 0.10284 578505.01
4141276.41 0.12164
578525.01 4141276.41 0.14581 578545.01
4141276.41 0.17682
578565.01 4141276.41 0.21792 578585.01
4141276.41 0.27443
578605.01 4141276.41 0.35004 578625.01
4141276.41 0.45238
578645.01 4141276.41 0.58684 578665.01
4141276.41 0.76903
578685.01 4141276.41 1.01585 578705.01
4141276.41 1.35567
578725.01 4141276.41 1.83129 578745.01
4141276.41 2.48290
578765.01 4141276.41 3.38875 578785.01
4141276.41 4.56788
578985.01 4141276.41 5.79584 579005.01

4141276.41 4.68105
  579025.01 4141276.41 3.74615 579045.01
4141276.41 2.99352
  579065.01 4141276.41 2.41775 579085.01
4141276.41 1.96310
  579105.01 4141276.41 1.61373 579125.01
4141276.41 1.34214
  579145.01 4141276.41 1.13362 579165.01
4141276.41 0.97293
  579185.01 4141276.41 0.84961 579205.01
4141276.41 0.75414
  579225.01 4141276.41 0.67862 579245.01
4141276.41 0.61684

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	0.56528	578385.01	4141296.41	0.05157
578405.01	4141296.41	0.05808	578425.01	4141296.41	0.06494
578445.01	4141296.41	0.07418	578465.01	4141296.41	0.08588
578485.01	4141296.41	0.10042	578505.01	4141296.41	0.11859
578525.01	4141296.41	0.14194	578545.01	4141296.41	0.17226
578565.01	4141296.41	0.21264	578585.01	4141296.41	0.26785
578605.01	4141296.41	0.34449	578625.01	4141296.41	0.45078
578645.01	4141296.41	0.59616	578665.01		

4141296.41 0.79211
578685.01 4141296.41 1.06639 578705.01
4141296.41 1.45386
578725.01 4141296.41 2.00839 578745.01
4141296.41 2.80576
579005.01 4141296.41 4.74258 579025.01
4141296.41 3.72874
579045.01 4141296.41 2.94360 579065.01
4141296.41 2.34234
579085.01 4141296.41 1.89219 579105.01
4141296.41 1.55283
579125.01 4141296.41 1.29445 579145.01
4141296.41 1.09857
579165.01 4141296.41 0.95261 579185.01
4141296.41 0.83962
579205.01 4141296.41 0.75114 579225.01
4141296.41 0.67940
579245.01 4141296.41 0.61864 579265.01
4141296.41 0.56698
579285.01 4141296.41 0.52117 578385.01
4141316.41 0.05272
578405.01 4141316.41 0.05811 578425.01
4141316.41 0.06569
578445.01 4141316.41 0.07371 578465.01
4141316.41 0.08427
578485.01 4141316.41 0.09812 578505.01
4141316.41 0.11583
578525.01 4141316.41 0.13841 578545.01
4141316.41 0.16770
578565.01 4141316.41 0.20709 578585.01
4141316.41 0.26112
578605.01 4141316.41 0.33755 578625.01
4141316.41 0.44564
578645.01 4141316.41 0.59957 578665.01
4141316.41 0.81389
578685.01 4141316.41 1.11723 578705.01
4141316.41 1.55839
578725.01 4141316.41 2.21174 579025.01
4141316.41 3.66403
579045.01 4141316.41 2.85499 579065.01
4141316.41 2.25781
579085.01 4141316.41 1.81949 579105.01
4141316.41 1.49574
579125.01 4141316.41 1.25455 579145.01
4141316.41 1.07531
579165.01 4141316.41 0.94141 579185.01
4141316.41 0.83669
579205.01 4141316.41 0.75149 579225.01
4141316.41 0.68051
579245.01 4141316.41 0.61996 579265.01

4141316.41 0.56686
579285.01 4141316.41 0.51924 578385.01
4141336.41 0.05492
578405.01 4141336.41 0.05991 578425.01
4141336.41 0.06615
578445.01 4141336.41 0.07444 578465.01
4141336.41 0.08529
578485.01 4141336.41 0.09705 578505.01
4141336.41 0.11349
578525.01 4141336.41 0.13521 578545.01
4141336.41 0.16385
578565.01 4141336.41 0.20148 578585.01
4141336.41 0.25373
578605.01 4141336.41 0.32860 578625.01
4141336.41 0.43765

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.59500	578665.01	4141336.41	0.82890
578685.01	4141336.41	1.16525	578705.01	4141336.41	1.67232
579025.01	4141336.41	3.56883	579045.01	4141336.41	2.75064
579065.01	4141336.41	2.16753	579085.01	4141336.41	1.74929
579105.01	4141336.41	1.44725	579125.01	4141336.41	1.22746
579145.01	4141336.41	1.06437	579165.01	4141336.41	0.93777
579185.01	4141336.41	0.83661	579205.01		

4141336.41 0.75142
579225.01 4141336.41 0.68040 579245.01
4141336.41 0.61784
579265.01 4141336.41 0.56268 579285.01
4141336.41 0.51373
578385.01 4141356.41 0.05801 578405.01
4141356.41 0.06299
578425.01 4141356.41 0.06907 578445.01
4141356.41 0.07641
578465.01 4141356.41 0.08576 578485.01
4141356.41 0.09879
578505.01 4141356.41 0.11411 578525.01
4141356.41 0.13336
578545.01 4141356.41 0.16050 578565.01
4141356.41 0.19725
578585.01 4141356.41 0.24700 578605.01
4141356.41 0.31937
578625.01 4141356.41 0.42604 578645.01
4141356.41 0.58658
578665.01 4141356.41 0.83255 578685.01
4141356.41 1.20889
579025.01 4141356.41 3.44703 579045.01
4141356.41 2.63662
579065.01 4141356.41 2.07737 579085.01
4141356.41 1.68874
579105.01 4141356.41 1.41331 579125.01
4141356.41 1.21234
579145.01 4141356.41 1.05871 579165.01
4141356.41 0.93551
579185.01 4141356.41 0.83430 579205.01
4141356.41 0.74849
579225.01 4141356.41 0.67481 579245.01
4141356.41 0.61051
579265.01 4141356.41 0.55414 579285.01
4141356.41 0.50451
579305.01 4141356.41 0.46055 578385.01
4141376.41 0.06147
578405.01 4141376.41 0.06675 578425.01
4141376.41 0.07285
578445.01 4141376.41 0.08026 578465.01
4141376.41 0.08916
578485.01 4141376.41 0.10016 578505.01
4141376.41 0.11503
578525.01 4141376.41 0.13526 578545.01
4141376.41 0.15905
578565.01 4141376.41 0.19404 578585.01
4141376.41 0.24234
578605.01 4141376.41 0.31136 578625.01
4141376.41 0.41439
578645.01 4141376.41 0.57438 578665.01

4141376.41 0.83014
578685.01 4141376.41 1.24223 579005.01
4141376.41 4.48021
579025.01 4141376.41 3.28860 579045.01
4141376.41 2.51203
579065.01 4141376.41 1.99793 579085.01
4141376.41 1.64593
579105.01 4141376.41 1.39236 579125.01
4141376.41 1.20202
579145.01 4141376.41 1.05206 579165.01
4141376.41 0.92945
579185.01 4141376.41 0.82649 579205.01
4141376.41 0.73873
579225.01 4141376.41 0.66355 579245.01
4141376.41 0.59851
579265.01 4141376.41 0.54169 579285.01
4141376.41 0.49236

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.44921	578385.01	4141396.41	0.06492
578405.01	4141396.41	0.07047	578425.01	4141396.41	0.07680
578445.01	4141396.41	0.08440	578465.01	4141396.41	0.09382
578485.01	4141396.41	0.10500	578505.01	4141396.41	0.11860
578525.01	4141396.41	0.13771	578545.01	4141396.41	0.16066
578565.01	4141396.41	0.19298	578585.01		

4141396.41 0.23841
578605.01 4141396.41 0.30412 578625.01
4141396.41 0.40335
578645.01 4141396.41 0.56048 578665.01
4141396.41 0.81984
579005.01 4141396.41 4.25822 579025.01
4141396.41 3.11466
579045.01 4141396.41 2.40188 579065.01
4141396.41 1.93753
579085.01 4141396.41 1.61534 579105.01
4141396.41 1.37617
579125.01 4141396.41 1.19056 579145.01
4141396.41 1.04001
579165.01 4141396.41 0.91504 579185.01
4141396.41 0.81038
579205.01 4141396.41 0.72214 579225.01
4141396.41 0.64669
579245.01 4141396.41 0.58191 579265.01
4141396.41 0.52600
579285.01 4141396.41 0.47779 579305.01
4141396.41 0.43572
578385.01 4141416.41 0.06770 578405.01
4141416.41 0.07379
578425.01 4141416.41 0.08084 578445.01
4141416.41 0.08910
578465.01 4141416.41 0.09879 578485.01
4141416.41 0.11052
578505.01 4141416.41 0.12436 578525.01
4141416.41 0.14214
578545.01 4141416.41 0.16525 578565.01
4141416.41 0.19539
578585.01 4141416.41 0.23820 578605.01
4141416.41 0.29998
578625.01 4141416.41 0.39370 578645.01
4141416.41 0.54381
578665.01 4141416.41 0.80282 579025.01
4141416.41 2.95936
579045.01 4141416.41 2.32206 579065.01
4141416.41 1.89618
579085.01 4141416.41 1.59013 579105.01
4141416.41 1.35434
579125.01 4141416.41 1.16770 579145.01
4141416.41 1.01539
579165.01 4141416.41 0.88989 579185.01
4141416.41 0.78548
579205.01 4141416.41 0.69784 579225.01
4141416.41 0.62401
579245.01 4141416.41 0.56085 579265.01
4141416.41 0.50695
579285.01 4141416.41 0.45999 579305.01

4141416.41 0.41988
  578385.01 4141436.41 0.06998 578405.01
4141436.41 0.07668
  578425.01 4141436.41 0.08441 578445.01
4141436.41 0.09357
  578465.01 4141436.41 0.10414 578485.01
4141436.41 0.11665
  578505.01 4141436.41 0.13105 578525.01
4141436.41 0.14959
  578545.01 4141436.41 0.17232 578565.01
4141436.41 0.20183
  578585.01 4141436.41 0.24311 578605.01
4141436.41 0.30158
  578625.01 4141436.41 0.38975 578645.01
4141436.41 0.53180
  579025.01 4141436.41 2.83897 579045.01
4141436.41 2.25943
  579065.01 4141436.41 1.85215 579085.01
4141436.41 1.54944

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	1.31359	579125.01	4141436.41	1.12713
579145.01	4141436.41	0.97673	579165.01	4141436.41	0.85350
579185.01	4141436.41	0.75177	579205.01	4141436.41	0.66711
579225.01	4141436.41	0.59606	579245.01	4141436.41	0.53574
579265.01	4141436.41	0.48394	579285.01		

4141436.41 0.43952
579305.01 4141436.41 0.40088 579325.01
4141436.41 0.36703
578385.01 4141456.41 0.07209 578405.01
4141456.41 0.07921
578425.01 4141456.41 0.08749 578445.01
4141456.41 0.09730
578465.01 4141456.41 0.10875 578485.01
4141456.41 0.12247
578505.01 4141456.41 0.13795 578525.01
4141456.41 0.15835
578545.01 4141456.41 0.18148 578565.01
4141456.41 0.21249
578585.01 4141456.41 0.25389 578605.01
4141456.41 0.31039
578625.01 4141456.41 0.39415 578645.01
4141456.41 0.52836
579045.01 4141456.41 2.17131 579065.01
4141456.41 1.77538
579085.01 4141456.41 1.47641 579105.01
4141456.41 1.24656
579125.01 4141456.41 1.06667 579145.01
4141456.41 0.92297
579165.01 4141456.41 0.80561 579185.01
4141456.41 0.70933
579205.01 4141456.41 0.62943 579225.01
4141456.41 0.56265
579245.01 4141456.41 0.50551 579265.01
4141456.41 0.45687
578385.01 4141476.41 0.07420 578405.01
4141476.41 0.08175
578425.01 4141476.41 0.09053 578445.01
4141476.41 0.10072
578465.01 4141476.41 0.11299 578485.01
4141476.41 0.12794
578505.01 4141476.41 0.14507 578525.01
4141476.41 0.16761
578545.01 4141476.41 0.19190 578565.01
4141476.41 0.22493
578585.01 4141476.41 0.26799 578605.01
4141476.41 0.32630
578625.01 4141476.41 0.40963 578645.01
4141476.41 0.53977
579065.01 4141476.41 1.64797 579085.01
4141476.41 1.36914
579105.01 4141476.41 1.15430 579125.01
4141476.41 0.98682
579145.01 4141476.41 0.85436 579165.01
4141476.41 0.74719
579185.01 4141476.41 0.65787 579205.01

4141476.41 0.58430
579225.01 4141476.41 0.52284 578385.01
4141496.41 0.07651
578405.01 4141496.41 0.08445 578425.01
4141496.41 0.09362
578445.01 4141496.41 0.10439 578465.01
4141496.41 0.11733
578485.01 4141496.41 0.13320 578505.01
4141496.41 0.15162
578525.01 4141496.41 0.17626 578545.01
4141496.41 0.20277
578565.01 4141496.41 0.23822 578585.01
4141496.41 0.28475
578605.01 4141496.41 0.34715 578625.01
4141496.41 0.43475
578645.01 4141496.41 0.56993 579085.01
4141496.41 1.23230
579105.01 4141496.41 1.04263 579125.01
4141496.41 0.89328
579145.01 4141496.41 0.77517 579165.01
4141496.41 0.67972

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
579185.01 4141496.41 0.60037 579205.01
4141496.41 0.53434
578385.01 4141516.41 0.07858 578405.01
4141516.41 0.08701
578425.01 4141516.41 0.09679 578445.01
4141516.41 0.10807
578465.01 4141516.41 0.12168 578485.01

4141516.41 0.13832
578505.01 4141516.41 0.15803 578525.01
4141516.41 0.18490
578545.01 4141516.41 0.21332 578565.01
4141516.41 0.25267
578585.01 4141516.41 0.30366 578605.01
4141516.41 0.37277
578625.01 4141516.41 0.47129 578645.01
4141516.41 0.62204
579085.01 4141516.41 1.07893 579105.01
4141516.41 0.91945
579125.01 4141516.41 0.79279 579145.01
4141516.41 0.69103
579165.01 4141516.41 0.60818 578385.01
4141536.41 0.08061
578405.01 4141536.41 0.08918 578425.01
4141536.41 0.09944
578445.01 4141536.41 0.11166 578465.01
4141536.41 0.12604
578485.01 4141536.41 0.14361 578505.01
4141536.41 0.16464
578525.01 4141536.41 0.19442 578545.01
4141536.41 0.22462
578565.01 4141536.41 0.26866 578585.01
4141536.41 0.32643
578605.01 4141536.41 0.40544 578625.01
4141536.41 0.52174
578645.01 4141536.41 0.70193 578665.01
4141536.41 1.01132
579105.01 4141536.41 0.79515 579125.01
4141536.41 0.69143
579185.01 4141536.41 0.47873 578385.01
4141556.41 0.08244
578405.01 4141556.41 0.09140 578425.01
4141556.41 0.10203
578445.01 4141556.41 0.11489 578465.01
4141556.41 0.13052
578485.01 4141556.41 0.14932 578505.01
4141556.41 0.17240
578525.01 4141556.41 0.20398 578545.01
4141556.41 0.23862
578565.01 4141556.41 0.28838 578585.01
4141556.41 0.35572
578605.01 4141556.41 0.45249 578625.01
4141556.41 0.59828
578645.01 4141556.41 0.83737 578665.01
4141556.41 1.27488
578685.01 4141556.41 2.20198 579165.01
4141556.41 0.47009
579185.01 4141556.41 0.42178 579205.01

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4141556.41        0.38055
         578385.01    4141576.41        0.08449                       578405.01
4141576.41        0.09397
         578425.01    4141576.41        0.10535                       578445.01
4141576.41        0.11915
         578465.01    4141576.41        0.13579                       578485.01
4141576.41        0.15645
         578505.01    4141576.41        0.18269                       578525.01
4141576.41        0.21808
         578545.01    4141576.41        0.25965                       578565.01
4141576.41        0.31823
         578585.01    4141576.41        0.40070                       578605.01
4141576.41        0.52351
         578625.01    4141576.41        0.71862                       578645.01
4141576.41        1.05334
         578665.01    4141576.41        1.65564                       578685.01
4141576.41        2.78940
         578705.01    4141576.41        4.80770                       579145.01
4141576.41        0.45481
         579165.01    4141576.41        0.40909                       579185.01
4141576.41        0.36990
         579205.01    4141576.41        0.33603                       579225.01
4141576.41        0.30657
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP4   ***
                                    INCLUDING SOURCE(S):     BC1_1D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579245.01    4141576.41        0.28075                       579265.01
4141576.41        0.25812
         578385.01    4141596.41        0.08724                       578405.01
4141596.41        0.09774
         578425.01    4141596.41        0.11008                       578445.01
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4141596.41 0.12533
578465.01 4141596.41 0.14393 578485.01
4141596.41 0.16727
578505.01 4141596.41 0.19784 578525.01
4141596.41 0.23860
578545.01 4141596.41 0.28976 578565.01
4141596.41 0.36369
578585.01 4141596.41 0.46982 578605.01
4141596.41 0.63050
578625.01 4141596.41 0.88631 578645.01
4141596.41 1.30712
578665.01 4141596.41 2.00837 578685.01
4141596.41 3.12294
578705.01 4141596.41 4.69065 578725.01
4141596.41 6.70776
578745.01 4141596.41 9.34551 579105.01
4141596.41 0.48039
579145.01 4141596.41 0.39059 579165.01
4141596.41 0.35468
579185.01 4141596.41 0.32340 579205.01
4141596.41 0.29601
579225.01 4141596.41 0.27186 579245.01
4141596.41 0.25048
579265.01 4141596.41 0.23154 579285.01
4141596.41 0.21440
579305.01 4141596.41 0.19934 579325.01
4141596.41 0.18571
579345.01 4141596.41 0.17351 578385.01
4141616.41 0.09111
578405.01 4141616.41 0.10286 578425.01
4141616.41 0.11702
578445.01 4141616.41 0.13421 578465.01
4141616.41 0.15562
578485.01 4141616.41 0.18284 578505.01
4141616.41 0.21886
578525.01 4141616.41 0.26936 578545.01
4141616.41 0.33204
578565.01 4141616.41 0.42640 578585.01
4141616.41 0.56220
578605.01 4141616.41 0.76546 578625.01
4141616.41 1.07449
578645.01 4141616.41 1.53995 578665.01
4141616.41 2.23416
578685.01 4141616.41 3.20090 578705.01
4141616.41 4.40835
578725.01 4141616.41 5.79988 578745.01
4141616.41 7.45559
579065.01 4141616.41 0.49229 579085.01
4141616.41 0.44397
579105.01 4141616.41 0.40233 579125.01

4141616.41 0.36625
  579165.01 4141616.41 0.30673 579185.01
4141616.41 0.28214
  579205.01 4141616.41 0.26024 579225.01
4141616.41 0.24066
  579245.01 4141616.41 0.22314 579265.01
4141616.41 0.20741
  579285.01 4141616.41 0.19275 579305.01
4141616.41 0.18016
  579325.01 4141616.41 0.16875 579345.01
4141616.41 0.15829
  578385.01 4141636.41 0.09672 578405.01
4141636.41 0.10991
  578425.01 4141636.41 0.12602 578445.01
4141636.41 0.14613
  578465.01 4141636.41 0.17155 578485.01
4141636.41 0.20391
  578505.01 4141636.41 0.24738 578525.01
4141636.41 0.30707
  578545.01 4141636.41 0.38750 578565.01
4141636.41 0.50292
  578585.01 4141636.41 0.66947 578605.01
4141636.41 0.90596
  578625.01 4141636.41 1.24116 578645.01
4141636.41 1.71213

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	2.33894	578685.01	4141636.41	3.12522
578705.01	4141636.41	4.02237	578725.01		

```
4141636.41        4.96114
         579045.01    4141636.41        0.44292                   579065.01
4141636.41        0.40264
         579085.01    4141636.41        0.36778                   579105.01
4141636.41        0.33726
         579125.01    4141636.41        0.31023                   579165.01
4141636.41        0.26488
         579185.01    4141636.41        0.24557                   579205.01
4141636.41        0.22823
         579225.01    4141636.41        0.21256                   579245.01
4141636.41        0.19839
         579265.01    4141636.41        0.18545                   579285.01
4141636.41        0.17360
         579305.01    4141636.41        0.16296                   579325.01
4141636.41        0.15319
         579345.01    4141636.41        0.14423                   578385.01
4141656.41        0.10428
         578405.01    4141656.41        0.11937                   578425.01
4141656.41        0.13774
         578445.01    4141656.41        0.16123                   578465.01
4141656.41        0.19213
         578485.01    4141656.41        0.23158                   578505.01
4141656.41        0.28609
         578525.01    4141656.41        0.35642                   578545.01
4141656.41        0.45343
         578565.01    4141656.41        0.58785                   578585.01
4141656.41        0.77307
         578605.01    4141656.41        1.02641                   578625.01
4141656.41        1.36911
         578645.01    4141656.41        1.80582                   578665.01
4141656.41        2.33740
         578685.01    4141656.41        2.95350                   578705.01
4141656.41        3.56448
         578725.01    4141656.41        4.13895                   579005.01
4141656.41        0.43611
         579025.01    4141656.41        0.39544                   579045.01
4141656.41        0.36123
         579065.01    4141656.41        0.33189                   579085.01
4141656.41        0.30628
         579105.01    4141656.41        0.28360                   579125.01
4141656.41        0.26335
         579145.01    4141656.41        0.24510                   579185.01
4141656.41        0.21358
         579205.01    4141656.41        0.19994                   579225.01
4141656.41        0.18748
         579245.01    4141656.41        0.17610                   579265.01
4141656.41        0.16555
         579285.01    4141656.41        0.15591                   579305.01
4141656.41        0.14706
         579325.01    4141656.41        0.13879                   579345.01
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4141656.41 0.13116
  578385.01 4141676.41 0.11381 578405.01
4141676.41 0.13104
  578425.01 4141676.41 0.15261 578445.01
4141676.41 0.18056
  578465.01 4141676.41 0.21760 578485.01
4141676.41 0.26509
  578505.01 4141676.41 0.33018 578525.01
4141676.41 0.41303
  578545.01 4141676.41 0.52389 578565.01
4141676.41 0.67141
  578585.01 4141676.41 0.86644 578605.01
4141676.41 1.11828
  578625.01 4141676.41 1.43746 578645.01
4141676.41 1.82289
  578665.01 4141676.41 2.25315 578685.01
4141676.41 2.68102
  578705.01 4141676.41 3.06676 578985.01
4141676.41 0.39369
  579005.01 4141676.41 0.35585 579025.01
4141676.41 0.32483
  579045.01 4141676.41 0.29889 579065.01
4141676.41 0.27660
  579085.01 4141676.41 0.25718 579105.01
4141676.41 0.23992
  579125.01 4141676.41 0.22442 579145.01
4141676.41 0.21040

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.19768	579185.01		

4141676.41 0.18597
579205.01 4141676.41 0.17519 579225.01
4141676.41 0.16526
579245.01 4141676.41 0.15614 579265.01
4141676.41 0.14767
579285.01 4141676.41 0.13975 579305.01
4141676.41 0.13236
579325.01 4141676.41 0.12565 579345.01
4141676.41 0.11936
578385.01 4141696.41 0.12519 578405.01
4141696.41 0.14535
578425.01 4141696.41 0.17136 578445.01
4141696.41 0.20530
578465.01 4141696.41 0.24819 578485.01
4141696.41 0.30313
578505.01 4141696.41 0.37695 578525.01
4141696.41 0.47122
578565.01 4141696.41 0.74448 578585.01
4141696.41 0.93828
578605.01 4141696.41 1.17567 578625.01
4141696.41 1.45385
578645.01 4141696.41 1.76871 578665.01
4141696.41 2.08564
578685.01 4141696.41 2.36456 578945.01
4141696.41 0.41350
578965.01 4141696.41 0.36523 578985.01
4141696.41 0.32735
579005.01 4141696.41 0.29702 579025.01
4141696.41 0.27216
579045.01 4141696.41 0.25138 579065.01
4141696.41 0.23369
579085.01 4141696.41 0.21831 579105.01
4141696.41 0.20475
579125.01 4141696.41 0.19257 579145.01
4141696.41 0.18159
579165.01 4141696.41 0.17157 579185.01
4141696.41 0.16236
579205.01 4141696.41 0.15378 579225.01
4141696.41 0.14584
579245.01 4141696.41 0.13843 579265.01
4141696.41 0.13161
579285.01 4141696.41 0.12519 579305.01
4141696.41 0.11914
579325.01 4141696.41 0.11355 579345.01
4141696.41 0.10832
578385.01 4141716.41 0.13897 578405.01
4141716.41 0.16298
578425.01 4141716.41 0.19394 578445.01
4141716.41 0.23308
578465.01 4141716.41 0.28140 578485.01

4141716.41 0.34309
578505.01 4141716.41 0.42427 578525.01
4141716.41 0.52634
578605.01 4141716.41 1.19125 578625.01
4141716.41 1.42401
578645.01 4141716.41 1.66311 578665.01
4141716.41 1.87532
578685.01 4141716.41 2.03820 578905.01
4141716.41 0.46428
578925.01 4141716.41 0.39975 578945.01
4141716.41 0.34923
578965.01 4141716.41 0.30972 578985.01
4141716.41 0.27838
579005.01 4141716.41 0.25307 579025.01
4141716.41 0.23234
579045.01 4141716.41 0.21503 579065.01
4141716.41 0.20033
579085.01 4141716.41 0.18767 579105.01
4141716.41 0.17663
579125.01 4141716.41 0.16675 579145.01
4141716.41 0.15785
579165.01 4141716.41 0.14980 579185.01
4141716.41 0.14239
579205.01 4141716.41 0.13548 579225.01
4141716.41 0.12905
579245.01 4141716.41 0.12299 579265.01
4141716.41 0.11740
579285.01 4141716.41 0.11214 579305.01
4141716.41 0.10717

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

- -
579325.01 4141716.41 0.10252 579345.01
4141716.41 0.09816
578385.01 4141736.41 0.15520 578405.01
4141736.41 0.18364
578425.01 4141736.41 0.21896 578445.01
4141736.41 0.26192
578465.01 4141736.41 0.31512 578485.01
4141736.41 0.38202
578505.01 4141736.41 0.47009 578625.01
4141736.41 1.35316
578645.01 4141736.41 1.51834 578665.01
4141736.41 1.64986
578865.01 4141736.41 0.53476 578885.01
4141736.41 0.45761
578905.01 4141736.41 0.39385 578925.01
4141736.41 0.34206
578945.01 4141736.41 0.30070 578965.01
4141736.41 0.26763
578985.01 4141736.41 0.24109 579005.01
4141736.41 0.21949
579025.01 4141736.41 0.20169 579045.01
4141736.41 0.18683
579065.01 4141736.41 0.17427 579085.01
4141736.41 0.16350
579105.01 4141736.41 0.15415 579125.01
4141736.41 0.14584
579145.01 4141736.41 0.13843 579165.01
4141736.41 0.13174
579185.01 4141736.41 0.12564 579205.01
4141736.41 0.11996
579225.01 4141736.41 0.11466 579245.01
4141736.41 0.10970
579265.01 4141736.41 0.10503 579285.01
4141736.41 0.10066
579305.01 4141736.41 0.09658 579325.01
4141736.41 0.09270
579345.01 4141736.41 0.08906 578385.01
4141756.41 0.17430
578405.01 4141756.41 0.20613 578425.01
4141756.41 0.24475
578445.01 4141756.41 0.29168 578465.01
4141756.41 0.34835
578485.01 4141756.41 0.42119 578845.01
4141756.41 0.52178
578865.01 4141756.41 0.45030 578885.01
4141756.41 0.38990
578905.01 4141756.41 0.33901 578925.01
4141756.41 0.29690
578945.01 4141756.41 0.26255 578965.01

4141756.41 0.23468
  578985.01 4141756.41 0.21189 579005.01
4141756.41 0.19314
  579025.01 4141756.41 0.17761 579045.01
4141756.41 0.16463
  579065.01 4141756.41 0.15364 579085.01
4141756.41 0.14422
  579105.01 4141756.41 0.13608 579125.01
4141756.41 0.12889
  579145.01 4141756.41 0.12251 579165.01
4141756.41 0.11681
  579185.01 4141756.41 0.11165 579205.01
4141756.41 0.10686
  579225.01 4141756.41 0.10243 579245.01
4141756.41 0.09830
  579265.01 4141756.41 0.09440 579285.01
4141756.41 0.09070
  579305.01 4141756.41 0.08722 579325.01
4141756.41 0.08399
  579345.01 4141756.41 0.08088 578385.01
4141776.41 0.19413
  578405.01 4141776.41 0.22900 578425.01
4141776.41 0.26940
  578445.01 4141776.41 0.31810 578465.01
4141776.41 0.37745
  578485.01 4141776.41 0.44886 578825.01
4141776.41 0.50574
  578845.01 4141776.41 0.44053 578865.01
4141776.41 0.38506
  578885.01 4141776.41 0.33654 578905.01
4141776.41 0.29523

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

Y-COORD (M)   CONC

- -

578925.01   4141776.41   0.26054   578945.01
4141776.41   0.23180
578965.01   4141776.41   0.20803   578985.01
4141776.41   0.18841
579005.01   4141776.41   0.17205   579025.01
4141776.41   0.15834
579045.01   4141776.41   0.14679   579065.01
4141776.41   0.13701
579085.01   4141776.41   0.12862   579105.01
4141776.41   0.12139
579125.01   4141776.41   0.11502   579145.01
4141776.41   0.10941
579165.01   4141776.41   0.10442   579185.01
4141776.41   0.09994
579205.01   4141776.41   0.09583   579225.01
4141776.41   0.09204
579245.01   4141776.41   0.08853   579265.01
4141776.41   0.08521
579285.01   4141776.41   0.08208   579305.01
4141776.41   0.07908
579325.01   4141776.41   0.07632   579345.01
4141776.41   0.07366
578405.01   4141796.41   0.25009   578425.01
4141796.41   0.29204
578445.01   4141796.41   0.34158   578465.01
4141796.41   0.40206
578805.01   4141796.41   0.48743   578825.01
4141796.41   0.42805
578845.01   4141796.41   0.37707   578865.01
4141796.41   0.33297
578885.01   4141796.41   0.29369   578905.01
4141796.41   0.25957
578925.01   4141796.41   0.23067   578945.01
4141796.41   0.20638
578965.01   4141796.41   0.18612   578985.01
4141796.41   0.16913
579005.01   4141796.41   0.15477   579025.01
4141796.41   0.14262
579045.01   4141796.41   0.13224   579065.01
4141796.41   0.12340
579085.01   4141796.41   0.11584   579105.01
4141796.41   0.10930
579125.01   4141796.41   0.10357   579145.01
4141796.41   0.09854
579165.01   4141796.41   0.09409   579185.01
4141796.41   0.09011
579205.01   4141796.41   0.08649   579225.01

4141796.41   0.08319
         579245.01   4141796.41   0.08012   579265.01
4141796.41   0.07730
         579285.01   4141796.41   0.07457   579305.01
4141796.41   0.07200
         579325.01   4141796.41   0.06958   579345.01
4141796.41   0.06727
         578445.01   4141816.41   0.36197   578585.01
4141816.41   0.82486
         578605.01   4141816.41   0.87770   578665.01
4141816.41   0.89430
         578685.01   4141816.41   0.84421   578785.01
4141816.41   0.46778
         578805.01   4141816.41   0.41379   578825.01
4141816.41   0.36751
         578845.01   4141816.41   0.32692   578865.01
4141816.41   0.29082
         578885.01   4141816.41   0.25859   578905.01
4141816.41   0.23012
         578925.01   4141816.41   0.20579   578945.01
4141816.41   0.18512
         578965.01   4141816.41   0.16771   578985.01
4141816.41   0.15292
         579005.01   4141816.41   0.14030   579025.01
4141816.41   0.12948
         579045.01   4141816.41   0.12018   579065.01
4141816.41   0.11216
         579085.01   4141816.41   0.10525   579105.01
4141816.41   0.09926
         579125.01   4141816.41   0.09403   579145.01
4141816.41   0.08944
         579165.01   4141816.41   0.08539   579185.01
4141816.41   0.08179

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP4   ***
                                   INCLUDING SOURCE(S):   BC1_1D   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.07854	579225.01	4141816.41	0.07562
579245.01	4141816.41	0.07290	579265.01	4141816.41	0.07039
579285.01	4141816.41	0.06806	579305.01	4141816.41	0.06587
579325.01	4141816.41	0.06374	579345.01	4141816.41	0.06173
578565.01	4141836.41	0.71349	578585.01	4141836.41	0.75857
578605.01	4141836.41	0.79268	578625.01	4141836.41	0.80521
578645.01	4141836.41	0.79431	578665.01	4141836.41	0.76174
578685.01	4141836.41	0.70896	578705.01	4141836.41	0.64312
578725.01	4141836.41	0.57275	578765.01	4141836.41	0.44738
578785.01	4141836.41	0.39800	578805.01	4141836.41	0.35598
578825.01	4141836.41	0.31923	578845.01	4141836.41	0.28627
578865.01	4141836.41	0.25654	578885.01	4141836.41	0.22943
578905.01	4141836.41	0.20552	578925.01	4141836.41	0.18483
578945.01	4141836.41	0.16712	578965.01	4141836.41	0.15203
578985.01	4141836.41	0.13912	579005.01	4141836.41	0.12797
579025.01	4141836.41	0.11834	579045.01	4141836.41	0.10996
579065.01	4141836.41	0.10268	579085.01	4141836.41	0.09636
579105.01	4141836.41	0.09084	579125.01	4141836.41	0.08600
579145.01	4141836.41	0.08177	579165.01	4141836.41	0.07803
579185.01	4141836.41	0.07471	579205.01	4141836.41	0.07174
579225.01	4141836.41	0.06909	579245.01	4141836.41	0.06667
579265.01	4141836.41	0.06443	579285.01	4141836.41	0.06238
579305.01	4141836.41	0.06046	579325.01		

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4141836.41        0.05861
         579345.01    4141836.41        0.05688                        578565.01
4141856.41        0.66333
         578585.01    4141856.41        0.69337                        578605.01
4141856.41        0.70958
         578625.01    4141856.41        0.70792                        578645.01
4141856.41        0.68750
         578665.01    4141856.41        0.64970                        578685.01
4141856.41        0.59851
         578705.01    4141856.41        0.54004                        578725.01
4141856.41        0.48118
         578745.01    4141856.41        0.42755                        578765.01
4141856.41        0.38170
         578785.01    4141856.41        0.34311                        578805.01
4141856.41        0.30985
         578825.01    4141856.41        0.28011                        578845.01
4141856.41        0.25294
         578865.01    4141856.41        0.22791                        578885.01
4141856.41        0.20500
         578905.01    4141856.41        0.18472                        578925.01
4141856.41        0.16697
         578945.01    4141856.41        0.15168                        578965.01
4141856.41        0.13854
         578985.01    4141856.41        0.12718                        579005.01
4141856.41        0.11733
         579025.01    4141856.41        0.10874                        579045.01
4141856.41        0.10120
         579065.01    4141856.41        0.09459                        579085.01
4141856.41        0.08880
         579105.01    4141856.41        0.08370                        579125.01
4141856.41        0.07921
         579145.01    4141856.41        0.07526                        579165.01
4141856.41        0.07177
         579185.01    4141856.41        0.06866                        579205.01
4141856.41        0.06590
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP4   ***
                                    INCLUDING SOURCE(S):     BC1_1D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.06345	579245.01	4141856.41	0.06124
579265.01	4141856.41	0.05923	579285.01	4141856.41	0.05742
579305.01	4141856.41	0.05571	579325.01	4141856.41	0.05406
579345.01	4141856.41	0.05254	578545.01	4141876.41	0.58227
578565.01	4141876.41	0.61080	578585.01	4141876.41	0.62796
578605.01	4141876.41	0.63201	578625.01	4141876.41	0.62101
578645.01	4141876.41	0.59495	578665.01	4141876.41	0.55609
578685.01	4141876.41	0.50852	578705.01	4141876.41	0.45765
578725.01	4141876.41	0.40886	578745.01	4141876.41	0.36587
578765.01	4141876.41	0.32969	578785.01	4141876.41	0.29916
578805.01	4141876.41	0.27242	578825.01	4141876.41	0.24796
578845.01	4141876.41	0.22510	578865.01	4141876.41	0.20378
578885.01	4141876.41	0.18432	578905.01	4141876.41	0.16694
578925.01	4141876.41	0.15161	578945.01	4141876.41	0.13832
578965.01	4141876.41	0.12680	578985.01	4141876.41	0.11678
579005.01	4141876.41	0.10803	579025.01	4141876.41	0.10034
579045.01	4141876.41	0.09355	579065.01	4141876.41	0.08757
579085.01	4141876.41	0.08227	579105.01	4141876.41	0.07757
579125.01	4141876.41	0.07340	579145.01	4141876.41	0.06971
579165.01	4141876.41	0.06642	579185.01	4141876.41	0.06349
579205.01	4141876.41	0.06088	579225.01	4141876.41	0.05857
579245.01	4141876.41	0.05651	579265.01		

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4141876.41        0.05465
         579285.01    4141876.41        0.05300                       579305.01
4141876.41        0.05147
         579325.01    4141876.41        0.05001                       579345.01
4141876.41        0.04868
         578545.01    4141896.41        0.54036                       578565.01
4141896.41        0.55810
         578585.01    4141896.41        0.56570                       578605.01
4141896.41        0.56156
         578625.01    4141896.41        0.54452                       578645.01
4141896.41        0.51583
         578665.01    4141896.41        0.47802                       578685.01
4141896.41        0.43499
         578705.01    4141896.41        0.39134                       578725.01
4141896.41        0.35114
         578745.01    4141896.41        0.31669                       578765.01
4141896.41        0.28794
         578785.01    4141896.41        0.26350                       578805.01
4141896.41        0.24162
         578825.01    4141896.41        0.22117                       578845.01
4141896.41        0.20169
         578865.01    4141896.41        0.18341                       578885.01
4141896.41        0.16665
         578905.01    4141896.41        0.15160                       578925.01
4141896.41        0.13831
         578945.01    4141896.41        0.12669                       578965.01
4141896.41        0.11655
         578985.01    4141896.41        0.10765                       579005.01
4141896.41        0.09982
         579025.01    4141896.41        0.09292                       579045.01
4141896.41        0.08681
         579065.01    4141896.41        0.08137                       579085.01
4141896.41        0.07654
         579105.01    4141896.41        0.07222                       579125.01
4141896.41        0.06836
         579145.01    4141896.41        0.06492                       579165.01
4141896.41        0.06182
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 219
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP4   ***
                                    INCLUDING SOURCE(S):     BC1_1D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.05904	579205.01	4141896.41	0.05656
579225.01	4141896.41	0.05436	579245.01	4141896.41	0.05240
579265.01	4141896.41	0.05065	579285.01	4141896.41	0.04910
579305.01	4141896.41	0.04769	579325.01	4141896.41	0.04640
579345.01	4141896.41	0.04520	578565.01	4141916.41	0.50841
578585.01	4141916.41	0.50769	578605.01	4141916.41	0.49821
578625.01	4141916.41	0.47776	578645.01	4141916.41	0.44845
578665.01	4141916.41	0.41289	578685.01	4141916.41	0.37467
578705.01	4141916.41	0.33760	578725.01	4141916.41	0.30466
578745.01	4141916.41	0.27687	578765.01	4141916.41	0.25388
578785.01	4141916.41	0.23406	578805.01	4141916.41	0.21594
578825.01	4141916.41	0.19855	578845.01	4141916.41	0.18180
578865.01	4141916.41	0.16597	578885.01	4141916.41	0.15140
578905.01	4141916.41	0.13831	578925.01	4141916.41	0.12673
578945.01	4141916.41	0.11651	578965.01	4141916.41	0.10753
578985.01	4141916.41	0.09959	579005.01	4141916.41	0.09257
579025.01	4141916.41	0.08633	579045.01	4141916.41	0.08079
579065.01	4141916.41	0.07586	579085.01	4141916.41	0.07145
579105.01	4141916.41	0.06749	579125.01	4141916.41	0.06394
579145.01	4141916.41	0.06073	579165.01	4141916.41	0.05783
579185.01	4141916.41	0.05520	578386.27		

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4141125.26        0.06161
         578406.27    4141125.26        0.06925                        578426.27
4141125.26        0.07809
         578446.27    4141125.26        0.08880                        578466.27
4141125.26        0.10245
         578486.27    4141125.26        0.11910                        578506.27
4141125.26        0.13996
         578526.27    4141125.26        0.16511                        578546.27
4141125.26        0.19604
         578566.27    4141125.26        0.23339                        578586.27
4141125.26        0.27852
         578606.27    4141125.26        0.33290                        578626.27
4141125.26        0.39511
         578646.27    4141125.26        0.47018                        578666.27
4141125.26        0.56173
         578686.27    4141125.26        0.67076                        578706.27
4141125.26        0.80525
         578726.27    4141125.26        0.97555                        578746.27
4141125.26        1.19517
         578766.27    4141125.26        1.47000                        578786.27
4141125.26        1.80666
         578806.27    4141125.26        2.21037                        578826.27
4141125.26        2.64974
         578846.27    4141125.26        3.10171                        578866.27
4141125.26        3.52994
         578886.27    4141125.26        3.89269                        578906.27
4141125.26        4.14410
         578926.27    4141125.26        4.24538                        578946.27
4141125.26        4.20436
         578966.27    4141125.26        4.03210                        578986.27
4141125.26        3.75752
         579006.27    4141125.26        3.41715                        579026.27
4141125.26        3.05020
         579046.27    4141125.26        2.68101                        579066.27
4141125.26        2.33157
         579086.27    4141125.26        2.02532                        579106.27
4141125.26        1.76491
         579126.27    4141125.26        1.54424                        579146.27
4141125.26        1.35360
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP4   ***
                                    INCLUDING SOURCE(S):     BC1_1D      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.18645	579186.27	4141125.26	1.04269
579206.27	4141125.26	0.91810	578386.27	4141145.26	0.06062
578406.27	4141145.26	0.06825	578426.27	4141145.26	0.07734
578446.27	4141145.26	0.08790	578466.27	4141145.26	0.10097
578486.27	4141145.26	0.11772	578506.27	4141145.26	0.13827
578526.27	4141145.26	0.16412	578546.27	4141145.26	0.19555
578566.27	4141145.26	0.23459	578586.27	4141145.26	0.28145
578606.27	4141145.26	0.33882	578626.27	4141145.26	0.40803
578646.27	4141145.26	0.49002	578666.27	4141145.26	0.58751
578686.27	4141145.26	0.70879	578706.27	4141145.26	0.86064
578726.27	4141145.26	1.05744	578746.27	4141145.26	1.30533
578766.27	4141145.26	1.61740	578786.27	4141145.26	2.00455
578806.27	4141145.26	2.46655	578826.27	4141145.26	2.97721
578846.27	4141145.26	3.48555	578866.27	4141145.26	3.96477
578886.27	4141145.26	4.34927	578906.27	4141145.26	4.59556
578926.27	4141145.26	4.67713	578946.27	4141145.26	4.58411
578966.27	4141145.26	4.34564	578986.27	4141145.26	4.00367
579006.27	4141145.26	3.59812	579026.27	4141145.26	3.16805
579046.27	4141145.26	2.75019	579066.27	4141145.26	2.37584
579086.27	4141145.26	2.05592	579106.27		

4141145.26 1.77812
  579126.27 4141145.26 1.54672 579146.27
4141145.26 1.34580
  579166.27 4141145.26 1.17274 579186.27
4141145.26 1.02265
  579206.27 4141145.26 0.89443 578723.62
4141929.59 0.28069
  578743.62 4141929.59 0.25628 578763.62
4141929.59 0.23606
  578783.62 4141929.59 0.21853 578803.62
4141929.59 0.20231
  578823.62 4141929.59 0.18659 578843.62
4141929.59 0.17133
  578863.62 4141929.59 0.15680 578883.62
4141929.59 0.14339
  578903.62 4141929.59 0.13129 578923.62
4141929.59 0.12057
  578943.62 4141929.59 0.11111 578963.62
4141929.59 0.10273
  578983.62 4141929.59 0.09528 579003.62
4141929.59 0.08867
  579023.62 4141929.59 0.08278 579043.62
4141929.59 0.07752
  579063.62 4141929.59 0.07284 579083.62
4141929.59 0.06866
  579103.62 4141929.59 0.06490 579123.62
4141929.59 0.06151
  579143.62 4141929.59 0.05844 579163.62
4141929.59 0.05566
  579183.62 4141929.59 0.05311 578725.67
4141942.60 0.25566
  578745.67 4141942.60 0.23489 578765.67
4141942.60 0.21752
  578785.67 4141942.60 0.20217 578805.67
4141942.60 0.18765
  578825.67 4141942.60 0.17342 578845.67
4141942.60 0.15953
  578865.67 4141942.60 0.14629 578885.67
4141942.60 0.13408
  578905.67 4141942.60 0.12308 578925.67
4141942.60 0.11333

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.10472	578965.67	4141942.60	0.09706
578985.67	4141942.60	0.09021	579005.67	4141942.60	0.08408
579025.67	4141942.60	0.07860	579045.67	4141942.60	0.07371
579065.67	4141942.60	0.06934	579085.67	4141942.60	0.06543
579105.67	4141942.60	0.06192	579125.67	4141942.60	0.05875
579145.67	4141942.60	0.05587	579165.67	4141942.60	0.05324
579185.67	4141942.60	0.05082	578745.52	4141955.60	0.21800
578765.52	4141955.60	0.20278	578785.52	4141955.60	0.18911
578805.52	4141955.60	0.17599	578825.52	4141955.60	0.16301
578845.52	4141955.60	0.15027	578865.52	4141955.60	0.13809
578885.52	4141955.60	0.12682	578905.52	4141955.60	0.11667
578925.52	4141955.60	0.10767	578945.52	4141955.60	0.09969
578965.52	4141955.60	0.09258	578985.52	4141955.60	0.08621
579005.52	4141955.60	0.08046	579025.52	4141955.60	0.07529
579045.52	4141955.60	0.07066	579065.52	4141955.60	0.06652
579085.52	4141955.60	0.06282	579105.52	4141955.60	0.05949
579125.52	4141955.60	0.05649	579145.52	4141955.60	0.05376
579165.52	4141955.60	0.05125	579185.52	4141955.60	0.04894
578785.22	4141971.34	0.17505	578805.22		

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4141971.34        0.16340
         578825.22    4141971.34        0.15173                        578845.22
4141971.34        0.14018
         578865.22    4141971.34        0.12913                        578885.22
4141971.34        0.11885
         578905.22    4141971.34        0.10960                        578925.22
4141971.34        0.10139
         578945.22    4141971.34        0.09411                        578965.22
4141971.34        0.08760
         578985.22    4141971.34        0.08174                        579005.22
4141971.34        0.07643
         579025.22    4141971.34        0.07162                        579045.22
4141971.34        0.06727
         579065.22    4141971.34        0.06337                        579085.22
4141971.34        0.05989
         579105.22    4141971.34        0.05676                        579125.22
4141971.34        0.05394
         579145.22    4141971.34        0.05138                        579165.22
4141971.34        0.04902
         579185.22    4141971.34        0.04685                        578790.01
4141986.40        0.16038
         578810.01    4141986.40        0.14991                        578830.01
4141986.40        0.13931
         578850.01    4141986.40        0.12885                        578870.01
4141986.40        0.11887
         578890.01    4141986.40        0.10967                        578910.01
4141986.40        0.10142
         578930.01    4141986.40        0.09412                        578950.01
4141986.40        0.08761
         578970.01    4141986.40        0.08177                        578990.01
4141986.40        0.07649
         579010.01    4141986.40        0.07168                        579030.01
4141986.40        0.06729
         579050.01    4141986.40        0.06331                        579070.01
4141986.40        0.05972
         579090.01    4141986.40        0.05650                        579110.01
4141986.40        0.05362
         579130.01    4141986.40        0.05103                        579150.01
4141986.40        0.04867
         579170.01    4141986.40        0.04650                        579190.01
4141986.40        0.04450
         578810.54    4142001.46        0.14002                        578830.54
4142001.46        0.13034
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                  PAGE 222
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.12077	578870.54	4142001.46	0.11162
578890.54	4142001.46	0.10319	578910.54	4142001.46	0.09563
578930.54	4142001.46	0.08892	578950.54	4142001.46	0.08296
578970.54	4142001.46	0.07760	578990.54	4142001.46	0.07272
579010.54	4142001.46	0.06826	579030.54	4142001.46	0.06417
579050.54	4142001.46	0.06044	579070.54	4142001.46	0.05705
579090.54	4142001.46	0.05401	579110.54	4142001.46	0.05129
579130.54	4142001.46	0.04884	579150.54	4142001.46	0.04662
579170.54	4142001.46	0.04459	579190.54	4142001.46	0.04270

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.03691	578405.01	4141176.41	0.04032
578425.01	4141176.41	0.04433	578445.01	4141176.41	0.05012
578465.01	4141176.41	0.05441	578485.01	4141176.41	0.06075
578505.01	4141176.41	0.06981	578525.01	4141176.41	0.07886
578545.01	4141176.41	0.08979	578565.01	4141176.41	0.10239
578585.01	4141176.41	0.11760	578605.01	4141176.41	0.13567
578625.01	4141176.41	0.15680	578645.01	4141176.41	0.18210
578665.01	4141176.41	0.21325	578685.01	4141176.41	0.25170
578705.01	4141176.41	0.29712	578725.01	4141176.41	0.35178
578745.01	4141176.41	0.41874	578765.01	4141176.41	0.49797
578785.01	4141176.41	0.59498	578805.01	4141176.41	0.71257
578825.01	4141176.41	0.85702	578845.01	4141176.41	1.03353
578865.01	4141176.41	1.23791	578885.01	4141176.41	1.48245
578905.01	4141176.41	1.76796	578925.01	4141176.41	2.09922
578945.01	4141176.41	2.47830	578965.01	4141176.41	2.88478
578985.01	4141176.41	3.30615	579005.01	4141176.41	3.70866
579025.01	4141176.41	4.07100	579045.01	4141176.41	4.34494
579065.01	4141176.41	4.48450	579085.01	4141176.41	4.46268
579105.01	4141176.41	4.29353	579125.01	4141176.41	4.00761
579145.01	4141176.41	3.64594	579165.01	4141176.41	3.24602
579185.01	4141176.41	2.85687	579205.01	4141176.41	2.48613
579225.01	4141176.41	2.15336	578385.01	4141196.41	0.03661
578405.01	4141196.41	0.03992	578425.01		

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4141196.41        0.04385
         578445.01    4141196.41        0.04836                       578465.01
4141196.41        0.05367
         578485.01    4141196.41        0.06119                       578505.01
4141196.41        0.06875
         578525.01    4141196.41        0.07781                       578545.01
4141196.41        0.08856
         578565.01    4141196.41        0.10139                       578585.01
4141196.41        0.11661
         578605.01    4141196.41        0.13455                       578625.01
4141196.41        0.15605
         578645.01    4141196.41        0.18274                       578665.01
4141196.41        0.21571
         578685.01    4141196.41        0.25459                       578705.01
4141196.41        0.30172
         578725.01    4141196.41        0.35909                       578745.01
4141196.41        0.42948
         578765.01    4141196.41        0.51628                       578785.01
4141196.41        0.62050
         578805.01    4141196.41        0.74944                       578825.01
4141196.41        0.90676
         578845.01    4141196.41        1.10072                       578865.01
4141196.41        1.33602
         578885.01    4141196.41        1.60977                       578905.01
4141196.41        1.93516
         578925.01    4141196.41        2.31718                       578945.01
4141196.41        2.75361
         578965.01    4141196.41        3.23267                       578985.01
4141196.41        3.71557
         579005.01    4141196.41        4.19548                       579025.01
4141196.41        4.62361
         579045.01    4141196.41        4.91896                       579065.01
4141196.41        5.04581
         579085.01    4141196.41        4.96096                       579105.01
4141196.41        4.70157
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 224
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	4.31814	579145.01	4141196.41	3.87225
579165.01	4141196.41	3.40106	579185.01	4141196.41	2.94346
579205.01	4141196.41	2.52992	579225.01	4141196.41	2.17051
579245.01	4141196.41	1.86638	578385.01	4141216.41	0.03642
578405.01	4141216.41	0.03965	578425.01	4141216.41	0.04341
578445.01	4141216.41	0.04780	578465.01	4141216.41	0.05410
578485.01	4141216.41	0.06035	578505.01	4141216.41	0.06770
578525.01	4141216.41	0.07672	578545.01	4141216.41	0.08740
578565.01	4141216.41	0.10018	578585.01	4141216.41	0.11550
578605.01	4141216.41	0.13358	578625.01	4141216.41	0.15577
578645.01	4141216.41	0.18346	578665.01	4141216.41	0.21654
578685.01	4141216.41	0.25716	578705.01	4141216.41	0.30595
578725.01	4141216.41	0.36590	578745.01	4141216.41	0.44046
578765.01	4141216.41	0.53360	578785.01	4141216.41	0.64811
578805.01	4141216.41	0.78789	578825.01	4141216.41	0.96134
578845.01	4141216.41	1.17587	578925.01	4141216.41	2.56418
578945.01	4141216.41	3.06649	578965.01	4141216.41	3.64314
578985.01	4141216.41	4.23187	579005.01	4141216.41	4.80144
579025.01	4141216.41	5.28141	579045.01	4141216.41	5.59995
579065.01	4141216.41	5.69354	579085.01	4141216.41	5.52630
579105.01	4141216.41	5.15061	579125.01	4141216.41	4.65185
579145.01	4141216.41	4.09560	579165.01		

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4141216.41        3.53115
         579185.01    4141216.41        3.01219                       579205.01
4141216.41        2.56154
         579225.01    4141216.41        2.18279                       579245.01
4141216.41        1.85953
         578385.01    4141236.41        0.03622                       578405.01
4141236.41        0.04025
         578425.01    4141236.41        0.04311                       578445.01
4141236.41        0.04739
         578465.01    4141236.41        0.05347                       578485.01
4141236.41        0.05955
         578505.01    4141236.41        0.06699                       578525.01
4141236.41        0.07584
         578545.01    4141236.41        0.08614                       578565.01
4141236.41        0.09879
         578585.01    4141236.41        0.11426                       578605.01
4141236.41        0.13250
         578625.01    4141236.41        0.15484                       578645.01
4141236.41        0.18276
         578665.01    4141236.41        0.21686                       578685.01
4141236.41        0.25892
         578705.01    4141236.41        0.31012                       578725.01
4141236.41        0.37320
         578745.01    4141236.41        0.45129                       578765.01
4141236.41        0.54986
         578785.01    4141236.41        0.67570                       578805.01
4141236.41        0.82896
         578825.01    4141236.41        1.02134                       578945.01
4141236.41        3.44452
         578965.01    4141236.41        4.11226                       578985.01
4141236.41        4.84801
         579005.01    4141236.41        5.52759                       579025.01
4141236.41        6.08827
         579045.01    4141236.41        6.42006                       579065.01
4141236.41        6.44531
         579085.01    4141236.41        6.16998                       579105.01
4141236.41        5.64503
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
```

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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	4.98744	579145.01	4141236.41	4.29357
579165.01	4141236.41	3.64219	579185.01	4141236.41	3.06419
579205.01	4141236.41	2.57668	579225.01	4141236.41	2.17814
579245.01	4141236.41	1.84076	578385.01	4141256.41	0.03618
578405.01	4141256.41	0.04007	578425.01	4141256.41	0.04379
578445.01	4141256.41	0.04802	578465.01	4141256.41	0.05298
578485.01	4141256.41	0.05892	578505.01	4141256.41	0.06620
578525.01	4141256.41	0.07478	578545.01	4141256.41	0.08489
578565.01	4141256.41	0.09738	578585.01	4141256.41	0.11283
578605.01	4141256.41	0.13149	578625.01	4141256.41	0.15377
578645.01	4141256.41	0.18139	578665.01	4141256.41	0.21648
578685.01	4141256.41	0.25958	578705.01	4141256.41	0.31375
578725.01	4141256.41	0.37993	578745.01	4141256.41	0.46256
578765.01	4141256.41	0.56739	578785.01	4141256.41	0.70176
578805.01	4141256.41	0.87380	578965.01	4141256.41	4.69000
578985.01	4141256.41	5.56601	579005.01	4141256.41	6.43384
579025.01	4141256.41	7.08442	579045.01	4141256.41	7.42605
579065.01	4141256.41	7.35127	579085.01	4141256.41	6.89660
579105.01	4141256.41	6.15353	579125.01	4141256.41	5.30473
579145.01	4141256.41	4.47226	579165.01	4141256.41	3.72896
579185.01	4141256.41	3.09967	579205.01		

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4141256.41        2.57783
         579225.01    4141256.41        2.15459                       579245.01
4141256.41        1.81167
         579265.01    4141256.41        1.53188                       578385.01
4141276.41        0.03715
         578405.01    4141276.41        0.04002                       578425.01
4141276.41        0.04361
         578445.01    4141276.41        0.04786                       578465.01
4141276.41        0.05269
         578485.01    4141276.41        0.05847                       578505.01
4141276.41        0.06538
         578525.01    4141276.41        0.07377                       578545.01
4141276.41        0.08374
         578565.01    4141276.41        0.09588                       578585.01
4141276.41        0.11117
         578605.01    4141276.41        0.12969                       578625.01
4141276.41        0.15268
         578645.01    4141276.41        0.18043                       578665.01
4141276.41        0.21561
         578685.01    4141276.41        0.25982                       578705.01
4141276.41        0.31568
         578725.01    4141276.41        0.38660                       578745.01
4141276.41        0.47384
         578765.01    4141276.41        0.58689                       578785.01
4141276.41        0.73174
         578985.01    4141276.41        6.47173                       579005.01
4141276.41        7.53932
         579025.01    4141276.41        8.36281                       579045.01
4141276.41        8.68190
         579065.01    4141276.41        8.44251                       579085.01
4141276.41        7.68826
         579105.01    4141276.41        6.67723                       579125.01
4141276.41        5.60797
         579145.01    4141276.41        4.63073                       579165.01
4141276.41        3.79060
         579185.01    4141276.41        3.10239                       579205.01
4141276.41        2.55184
         579225.01    4141276.41        2.11519                       579245.01
4141276.41        1.76701
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	1.49339	578385.01	4141296.41	0.03707
578405.01	4141296.41	0.04042	578425.01	4141296.41	0.04362
578445.01	4141296.41	0.04769	578465.01	4141296.41	0.05255
578485.01	4141296.41	0.05823	578505.01	4141296.41	0.06491
578525.01	4141296.41	0.07299	578545.01	4141296.41	0.08272
578565.01	4141296.41	0.09462	578585.01	4141296.41	0.10936
578605.01	4141296.41	0.12780	578625.01	4141296.41	0.15088
578645.01	4141296.41	0.17952	578665.01	4141296.41	0.21463
578685.01	4141296.41	0.25977	578705.01	4141296.41	0.31747
578725.01	4141296.41	0.39111	578745.01	4141296.41	0.48559
579005.01	4141296.41	8.97622	579025.01	4141296.41	9.98470
579045.01	4141296.41	10.25363	579065.01	4141296.41	9.68878
579085.01	4141296.41	8.55633	579105.01	4141296.41	7.20420
579125.01	4141296.41	5.88198	579145.01	4141296.41	4.72766
579165.01	4141296.41	3.80862	579185.01	4141296.41	3.07194
579205.01	4141296.41	2.50164	579225.01	4141296.41	2.05985
579245.01	4141296.41	1.71158	579265.01	4141296.41	1.44469
579285.01	4141296.41	1.23160	578385.01	4141316.41	0.03734
578405.01	4141316.41	0.04030	578425.01	4141316.41	0.04416
578445.01	4141316.41	0.04786	578465.01		

4141316.41 0.05239
  578485.01 4141316.41 0.05795 578505.01
4141316.41 0.06460
  578525.01 4141316.41 0.07249 578545.01
4141316.41 0.08194
  578565.01 4141316.41 0.09359 578585.01
4141316.41 0.10798
  578605.01 4141316.41 0.12617 578625.01
4141316.41 0.14895
  578645.01 4141316.41 0.17794 578665.01
4141316.41 0.21396
  578685.01 4141316.41 0.25965 578705.01
4141316.41 0.31876
  578725.01 4141316.41 0.39547 579025.01
4141316.41 12.10298
  579045.01 4141316.41 12.20621 579065.01
4141316.41 11.16777
  579085.01 4141316.41 9.48986 579105.01
4141316.41 7.69872
  579125.01 4141316.41 6.08550 579145.01
4141316.41 4.77486
  579165.01 4141316.41 3.77737 579185.01
4141316.41 3.01462
  579205.01 4141316.41 2.43142 579225.01
4141316.41 1.99134
  579245.01 4141316.41 1.65780 579265.01
4141316.41 1.39879
  579285.01 4141316.41 1.19199 578385.01
4141336.41 0.03773
  578405.01 4141336.41 0.04063 578425.01
4141336.41 0.04399
  578445.01 4141336.41 0.04811 578465.01
4141336.41 0.05308
  578485.01 4141336.41 0.05794 578505.01
4141336.41 0.06429
  578525.01 4141336.41 0.07207 578545.01
4141336.41 0.08150
  578565.01 4141336.41 0.09274 578585.01
4141336.41 0.10676
  578605.01 4141336.41 0.12455 578625.01
4141336.41 0.14718

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.17548	578665.01	4141336.41	0.21268
578685.01	4141336.41	0.25913	578705.01	4141336.41	0.32015
579025.01	4141336.41	15.01802	579045.01	4141336.41	14.72739
579065.01	4141336.41	12.87787	579085.01	4141336.41	10.41804
579105.01	4141336.41	8.09198	579125.01	4141336.41	6.20195
579145.01	4141336.41	4.77363	579165.01	4141336.41	3.70742
579185.01	4141336.41	2.93000	579205.01	4141336.41	2.34618
579225.01	4141336.41	1.92618	579245.01	4141336.41	1.60124
579265.01	4141336.41	1.34978	579285.01	4141336.41	1.15233
578385.01	4141356.41	0.03828	578405.01	4141356.41	0.04120
578425.01	4141356.41	0.04458	578445.01	4141356.41	0.04839
578465.01	4141356.41	0.05289	578485.01	4141356.41	0.05867
578505.01	4141356.41	0.06484	578525.01	4141356.41	0.07187
578545.01	4141356.41	0.08105	578565.01	4141356.41	0.09234
578585.01	4141356.41	0.10590	578605.01	4141356.41	0.12328
578625.01	4141356.41	0.14527	578645.01	4141356.41	0.17338
578665.01	4141356.41	0.21024	578685.01	4141356.41	0.25836
579025.01	4141356.41	19.19059	579045.01	4141356.41	17.98453
579065.01	4141356.41	14.72534	579085.01		

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4141356.41       11.21505
         579105.01    4141356.41        8.33120                      579125.01
4141356.41        6.20448
         579145.01    4141356.41        4.68138                      579165.01
4141356.41        3.59100
         579185.01    4141356.41        2.81977                      579205.01
4141356.41        2.26061
         579225.01    4141356.41        1.84946                      579245.01
4141356.41        1.53826
         579265.01    4141356.41        1.29992                      579285.01
4141356.41        1.11088
         579305.01    4141356.41        0.96093                      578385.01
4141376.41        0.03892
         578405.01    4141376.41        0.04189                      578425.01
4141376.41        0.04522
         578445.01    4141376.41        0.04910                      578465.01
4141376.41        0.05348
         578485.01    4141376.41        0.05853                      578505.01
4141376.41        0.06482
         578525.01    4141376.41        0.07266                      578545.01
4141376.41        0.08086
         578565.01    4141376.41        0.09193                      578585.01
4141376.41        0.10552
         578605.01    4141376.41        0.12244                      578625.01
4141376.41        0.14388
         578645.01    4141376.41        0.17156                      578665.01
4141376.41        0.20816
         578685.01    4141376.41        0.25676                      579005.01
4141376.41       23.21367
         579025.01    4141376.41       25.20684                      579045.01
4141376.41       21.89503
         579065.01    4141376.41       16.45439                      579085.01
4141376.41       11.75113
         579105.01    4141376.41        8.35698                      579125.01
4141376.41        6.06112
         579145.01    4141376.41        4.50918                      579165.01
4141376.41        3.44496
         579185.01    4141376.41        2.69773                      579205.01
4141376.41        2.16131
         579225.01    4141376.41        1.76929                      579245.01
4141376.41        1.47509
         579265.01    4141376.41        1.24684                      579285.01
4141376.41        1.06996
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                  PAGE 228
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***

INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.92930	578385.01	4141396.41	0.03969
578405.01	4141396.41	0.04259	578425.01	4141396.41	0.04584
578445.01	4141396.41	0.04967	578465.01	4141396.41	0.05424
578485.01	4141396.41	0.05940	578505.01	4141396.41	0.06525
578525.01	4141396.41	0.07289	578545.01	4141396.41	0.08113
578565.01	4141396.41	0.09165	578585.01	4141396.41	0.10481
578605.01	4141396.41	0.12141	578625.01	4141396.41	0.14265
578645.01	4141396.41	0.17008	578665.01	4141396.41	0.20601
579005.01	4141396.41	32.27684	579025.01	4141396.41	33.71371
579045.01	4141396.41	25.98210	579065.01	4141396.41	17.60341
579085.01	4141396.41	11.82812	579105.01	4141396.41	8.16868
579125.01	4141396.41	5.84527	579145.01	4141396.41	4.31258
579165.01	4141396.41	3.27573	579185.01	4141396.41	2.56157
579205.01	4141396.41	2.05707	579225.01	4141396.41	1.68676
579245.01	4141396.41	1.40903	579265.01	4141396.41	1.19583
579285.01	4141396.41	1.02995	579305.01	4141396.41	0.89727
578385.01	4141416.41	0.04045	578405.01	4141416.41	0.04336
578425.01	4141416.41	0.04670	578445.01		

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4141416.41        0.05057
         578465.01    4141416.41        0.05501                      578485.01
4141416.41        0.06024
         578505.01    4141416.41        0.06612                      578525.01
4141416.41        0.07323
         578545.01    4141416.41        0.08177                      578565.01
4141416.41        0.09182
         578585.01    4141416.41        0.10457                      578605.01
4141416.41        0.12062
         578625.01    4141416.41        0.14125                      578645.01
4141416.41        0.16797
         578665.01    4141416.41        0.20364                      579025.01
4141416.41       43.14881
         579045.01    4141416.41       29.08138                      579065.01
4141416.41       17.92738
         579085.01    4141416.41       11.61027                      579105.01
4141416.41        7.86388
         579125.01    4141416.41        5.55756                      579145.01
4141416.41        4.06878
         579165.01    4141416.41        3.08541                      579185.01
4141416.41        2.41506
         579205.01    4141416.41        1.94227                      579225.01
4141416.41        1.59984
         579245.01    4141416.41        1.34176                      579265.01
4141416.41        1.14463
         579285.01    4141416.41        0.98787                      579305.01
4141416.41        0.86474
         578385.01    4141436.41        0.04131                      578405.01
4141436.41        0.04429
         578425.01    4141436.41        0.04769                      578445.01
4141436.41        0.05167
         578465.01    4141436.41        0.05617                      578485.01
4141436.41        0.06138
         578505.01    4141436.41        0.06718                      578525.01
4141436.41        0.07437
         578545.01    4141436.41        0.08266                      578565.01
4141436.41        0.09258
         578585.01    4141436.41        0.10515                      578605.01
4141436.41        0.12070
         578625.01    4141436.41        0.14060                      578645.01
4141436.41        0.16653
         579025.01    4141436.41       48.06096                      579045.01
4141436.41       29.70444
         579065.01    4141436.41       17.54857                      579085.01
4141436.41       11.15319
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	7.42502	579125.01	4141436.41	5.18916
579145.01	4141436.41	3.79039	579165.01	4141436.41	2.87746
579185.01	4141436.41	2.26065	579205.01	4141436.41	1.82791
579225.01	4141436.41	1.51315	579245.01	4141436.41	1.27607
579265.01	4141436.41	1.09193	579285.01	4141436.41	0.94723
579305.01	4141436.41	0.83086	579325.01	4141436.41	0.73454
578385.01	4141456.41	0.04230	578405.01	4141456.41	0.04534
578425.01	4141456.41	0.04879	578445.01	4141456.41	0.05279
578465.01	4141456.41	0.05735	578485.01	4141456.41	0.06268
578505.01	4141456.41	0.06847	578525.01	4141456.41	0.07595
578545.01	4141456.41	0.08393	578565.01	4141456.41	0.09410
578585.01	4141456.41	0.10660	578605.01	4141456.41	0.12174
578625.01	4141456.41	0.14099	578645.01	4141456.41	0.16613
579045.01	4141456.41	27.73454	579065.01	4141456.41	16.68500
579085.01	4141456.41	10.36148	579105.01	4141456.41	6.80234
579125.01	4141456.41	4.73573	579145.01	4141456.41	3.47361
579165.01	4141456.41	2.65412	579185.01		

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4141456.41        2.10181
         579205.01    4141456.41        1.71187                       579225.01
4141456.41        1.42679
         579245.01    4141456.41        1.20795                       579265.01
4141456.41        1.03856
         578385.01    4141476.41        0.04334                       578405.01
4141476.41        0.04649
         578425.01    4141476.41        0.05005                       578445.01
4141476.41        0.05404
         578465.01    4141476.41        0.05870                       578485.01
4141476.41        0.06420
         578505.01    4141476.41        0.07023                       578525.01
4141476.41        0.07798
         578545.01    4141476.41        0.08571                       578565.01
4141476.41        0.09586
         578585.01    4141476.41        0.10820                       578605.01
4141476.41        0.12339
         578625.01    4141476.41        0.14239                       578645.01
4141476.41        0.16709
         579065.01    4141476.41       15.14290                       579085.01
4141476.41        9.28590
         579105.01    4141476.41        6.03968                       579125.01
4141476.41        4.21413
         579145.01    4141476.41        3.12652                       579165.01
4141476.41        2.42491
         579185.01    4141476.41        1.93606                       579205.01
4141476.41        1.59013
         579225.01    4141476.41        1.33436                       578385.01
4141496.41        0.04440
         578405.01    4141496.41        0.04771                       578425.01
4141496.41        0.05137
         578445.01    4141496.41        0.05551                       578465.01
4141496.41        0.06029
         578485.01    4141496.41        0.06593                       578505.01
4141496.41        0.07214
         578525.01    4141496.41        0.08021                       578545.01
4141496.41        0.08811
         578565.01    4141496.41        0.09822                       578585.01
4141496.41        0.11057
         578605.01    4141496.41        0.12565                       578625.01
4141496.41        0.14442
         578645.01    4141496.41        0.16912                       579085.01
4141496.41        8.00584
         579105.01    4141496.41        5.22114                       579125.01
4141496.41        3.69047
         579145.01    4141496.41        2.78236                       579165.01
4141496.41        2.19006
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	1.77182	579205.01	4141496.41	1.46791
578385.01	4141516.41	0.04534	578405.01	4141516.41	0.04886
578425.01	4141516.41	0.05277	578445.01	4141516.41	0.05707
578465.01	4141516.41	0.06203	578485.01	4141516.41	0.06783
578505.01	4141516.41	0.07431	578525.01	4141516.41	0.08281
578545.01	4141516.41	0.09088	578565.01	4141516.41	0.10150
578585.01	4141516.41	0.11405	578605.01	4141516.41	0.12934
578625.01	4141516.41	0.14842	578645.01	4141516.41	0.17311
579085.01	4141516.41	6.58901	579105.01	4141516.41	4.40958
579125.01	4141516.41	3.19925	579145.01	4141516.41	2.45707
579165.01	4141516.41	1.96064	578385.01	4141536.41	0.04640
578405.01	4141536.41	0.04996	578425.01	4141536.41	0.05406
578445.01	4141536.41	0.05872	578465.01	4141536.41	0.06391
578485.01	4141536.41	0.06993	578505.01	4141536.41	0.07669
578525.01	4141536.41	0.08588	578545.01	4141536.41	0.09402
578565.01	4141536.41	0.10533	578585.01		

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4141536.41        0.11858
         578605.01    4141536.41        0.13442                    578625.01
4141536.41        0.15431
         578645.01    4141536.41        0.17914                    578665.01
4141536.41        0.21109
         579105.01    4141536.41        3.67050                    579125.01
4141536.41        2.74397
         579185.01    4141536.41        1.43362                    578385.01
4141556.41        0.04754
         578405.01    4141556.41        0.05124                    578425.01
4141556.41        0.05544
         578445.01    4141556.41        0.06027                    578465.01
4141556.41        0.06583
         578485.01    4141556.41        0.07211                    578505.01
4141556.41        0.07930
         578525.01    4141556.41        0.08859                    578545.01
4141556.41        0.09751
         578565.01    4141556.41        0.10937                    578585.01
4141556.41        0.12344
         578605.01    4141556.41        0.14065                    578625.01
4141556.41        0.16157
         578645.01    4141556.41        0.18762                    578665.01
4141556.41        0.22054
         578685.01    4141556.41        0.26357                    579165.01
4141556.41        1.50977
         579185.01    4141556.41        1.26030                    579205.01
4141556.41        1.06934
         578385.01    4141576.41        0.04882                    578405.01
4141576.41        0.05266
         578425.01    4141576.41        0.05706                    578445.01
4141576.41        0.06210
         578465.01    4141576.41        0.06779                    578485.01
4141576.41        0.07441
         578505.01    4141576.41        0.08220                    578525.01
4141576.41        0.09193
         578545.01    4141576.41        0.10186                    578565.01
4141576.41        0.11437
         578585.01    4141576.41        0.12936                    578605.01
4141576.41        0.14763
         578625.01    4141576.41        0.17024                    578645.01
4141576.41        0.19893
         578665.01    4141576.41        0.23449                    578685.01
4141576.41        0.28020
         578705.01    4141576.41        0.34137                    579145.01
4141576.41        1.55291
         579165.01    4141576.41        1.28903                    579185.01
4141576.41        1.08916
         579205.01    4141576.41        0.93347                    579225.01
4141576.41        0.80955
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.70908	579265.01	4141576.41	0.62644
578385.01	4141596.41	0.05023	578405.01	4141596.41	0.05436
578425.01	4141596.41	0.05893	578445.01	4141596.41	0.06425
578465.01	4141596.41	0.07029	578485.01	4141596.41	0.07730
578505.01	4141596.41	0.08575	578525.01	4141596.41	0.09593
578545.01	4141596.41	0.10688	578565.01	4141596.41	0.12068
578585.01	4141596.41	0.13697	578605.01	4141596.41	0.15667
578625.01	4141596.41	0.18118	578645.01	4141596.41	0.21212
578665.01	4141596.41	0.25217	578685.01	4141596.41	0.30375
578705.01	4141596.41	0.37010	578725.01	4141596.41	0.46379
578745.01	4141596.41	0.60016	579105.01	4141596.41	1.89870
579145.01	4141596.41	1.28031	579165.01	4141596.41	1.08131
579185.01	4141596.41	0.92645	579205.01	4141596.41	0.80328
579225.01	4141596.41	0.70354	579245.01	4141596.41	0.62161
579265.01	4141596.41	0.55314	579285.01		

4141596.41 0.49479
579305.01 4141596.41 0.44681 579325.01
4141596.41 0.40481
579345.01 4141596.41 0.36835 578385.01
4141616.41 0.05175
578405.01 4141616.41 0.05618 578425.01
4141616.41 0.06119
578445.01 4141616.41 0.06683 578465.01
4141616.41 0.07331
578485.01 4141616.41 0.08085 578505.01
4141616.41 0.08986
578525.01 4141616.41 0.10119 578545.01
4141616.41 0.11279
578565.01 4141616.41 0.12803 578585.01
4141616.41 0.14599
578605.01 4141616.41 0.16800 578625.01
4141616.41 0.19539
578645.01 4141616.41 0.22930 578665.01
4141616.41 0.27362
578685.01 4141616.41 0.33257 578705.01
4141616.41 0.41148
578725.01 4141616.41 0.51811 578745.01
4141616.41 0.67303
579065.01 4141616.41 2.25993 579085.01
4141616.41 1.79756
579105.01 4141616.41 1.47051 579125.01
4141616.41 1.22736
579165.01 4141616.41 0.89498 579185.01
4141616.41 0.77787
579205.01 4141616.41 0.68298 579225.01
4141616.41 0.60486
579245.01 4141616.41 0.53951 579265.01
4141616.41 0.48423
579285.01 4141616.41 0.43516 579305.01
4141616.41 0.39544
579325.01 4141616.41 0.36121 579345.01
4141616.41 0.33065
578385.01 4141636.41 0.05358 578405.01
4141636.41 0.05828
578425.01 4141636.41 0.06364 578445.01
4141636.41 0.06981
578465.01 4141636.41 0.07692 578485.01
4141636.41 0.08502
578505.01 4141636.41 0.09474 578525.01
4141636.41 0.10645
578545.01 4141636.41 0.11985 578565.01
4141636.41 0.13645
578585.01 4141636.41 0.15704 578605.01
4141636.41 0.18191
578625.01 4141636.41 0.21250 578645.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	0.30209	578685.01	4141636.41	0.37052
578705.01	4141636.41	0.46407	578725.01	4141636.41	0.59085
579045.01	4141636.41	2.11191	579065.01	4141636.41	1.67053
579085.01	4141636.41	1.36435	579105.01	4141636.41	1.14200
579125.01	4141636.41	0.97364	579165.01	4141636.41	0.73468
579185.01	4141636.41	0.64860	579205.01	4141636.41	0.57669
579225.01	4141636.41	0.51631	579245.01	4141636.41	0.46494
579265.01	4141636.41	0.42095	579285.01	4141636.41	0.38199
579305.01	4141636.41	0.34919	579325.01	4141636.41	0.32039
579345.01	4141636.41	0.29530	578385.01	4141656.41	0.05580
578405.01	4141656.41	0.06085	578425.01	4141656.41	0.06651
578445.01	4141656.41	0.07314	578465.01	4141656.41	0.08109
578485.01	4141656.41	0.09005	578505.01	4141656.41	0.10118
578525.01	4141656.41	0.11349	578545.01		

4141656.41 0.12851
578565.01 4141656.41 0.14699 578585.01
4141656.41 0.16974
578605.01 4141656.41 0.19805 578625.01
4141656.41 0.23431
578645.01 4141656.41 0.27947 578665.01
4141656.41 0.33838
578685.01 4141656.41 0.42108 578705.01
4141656.41 0.52876
578725.01 4141656.41 0.68454 579005.01
4141656.41 2.50269
579025.01 4141656.41 1.92618 579045.01
4141656.41 1.53236
579065.01 4141656.41 1.25213 579085.01
4141656.41 1.04725
579105.01 4141656.41 0.89332 579125.01
4141656.41 0.77433
579145.01 4141656.41 0.67986 579185.01
4141656.41 0.53898
579205.01 4141656.41 0.48484 579225.01
4141656.41 0.43862
579245.01 4141656.41 0.39867 579265.01
4141656.41 0.36415
579285.01 4141656.41 0.33329 579305.01
4141656.41 0.30715
579325.01 4141656.41 0.28289 579345.01
4141656.41 0.26176
578385.01 4141676.41 0.05843 578405.01
4141676.41 0.06378
578425.01 4141676.41 0.06992 578445.01
4141676.41 0.07719
578465.01 4141676.41 0.08594 578485.01
4141676.41 0.09589
578505.01 4141676.41 0.10834 578525.01
4141676.41 0.12224
578545.01 4141676.41 0.13921 578565.01
4141676.41 0.16001
578585.01 4141676.41 0.18581 578605.01
4141676.41 0.21784
578625.01 4141676.41 0.25912 578645.01
4141676.41 0.31323
578665.01 4141676.41 0.38428 578685.01
4141676.41 0.47680
578705.01 4141676.41 0.60570 578985.01
4141676.41 2.18917
579005.01 4141676.41 1.71241 579025.01
4141676.41 1.37659
579045.01 4141676.41 1.13414 579065.01
4141676.41 0.95233
579085.01 4141676.41 0.81321 579105.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.49569	579185.01	4141676.41	0.44797
579205.01	4141676.41	0.40737	579225.01	4141676.41	0.37213
579245.01	4141676.41	0.34122	579265.01	4141676.41	0.31415
579285.01	4141676.41	0.29030	579305.01	4141676.41	0.26827
579325.01	4141676.41	0.24976	579345.01	4141676.41	0.23264
578385.01	4141696.41	0.06139	578405.01	4141696.41	0.06721
578425.01	4141696.41	0.07414	578445.01	4141696.41	0.08242
578465.01	4141696.41	0.09184	578485.01	4141696.41	0.10278
578505.01	4141696.41	0.11658	578525.01	4141696.41	0.13279
578565.01	4141696.41	0.17561	578585.01	4141696.41	0.20502
578605.01	4141696.41	0.24195	578625.01	4141696.41	0.28878
578645.01	4141696.41	0.35149	578665.01	4141696.41	0.43277
578685.01	4141696.41	0.53955	578945.01		

4141696.41 2.46207
578965.01 4141696.41 1.91879 578985.01
4141696.41 1.51756
579005.01 4141696.41 1.22822 579025.01
4141696.41 1.01850
579045.01 4141696.41 0.86063 579065.01
4141696.41 0.73787
579085.01 4141696.41 0.64148 579105.01
4141696.41 0.56491
579125.01 4141696.41 0.50341 579145.01
4141696.41 0.45268
579165.01 4141696.41 0.41025 579185.01
4141696.41 0.37402
579205.01 4141696.41 0.34323 579225.01
4141696.41 0.31618
579245.01 4141696.41 0.29241 579265.01
4141696.41 0.27111
579285.01 4141696.41 0.25217 579305.01
4141696.41 0.23519
579325.01 4141696.41 0.21981 579345.01
4141696.41 0.20581
578385.01 4141716.41 0.06489 578405.01
4141716.41 0.07143
578425.01 4141716.41 0.07925 578445.01
4141716.41 0.08834
578465.01 4141716.41 0.09858 578485.01
4141716.41 0.11086
578505.01 4141716.41 0.12653 578525.01
4141716.41 0.14546
578605.01 4141716.41 0.26887 578625.01
4141716.41 0.32316
578645.01 4141716.41 0.39379 578665.01
4141716.41 0.48321
578685.01 4141716.41 0.60312 578905.01
4141716.41 2.72789
578925.01 4141716.41 2.19462 578945.01
4141716.41 1.73910
578965.01 4141716.41 1.38264 578985.01
4141716.41 1.11805
579005.01 4141716.41 0.92541 579025.01
4141716.41 0.78250
579045.01 4141716.41 0.67263 579065.01
4141716.41 0.58571
579085.01 4141716.41 0.51576 579105.01
4141716.41 0.45888
579125.01 4141716.41 0.41292 579145.01
4141716.41 0.37470
579165.01 4141716.41 0.34229 579185.01
4141716.41 0.31453
579205.01 4141716.41 0.29071 579225.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.19341	579345.01	4141716.41	0.18209
578385.01	4141736.41	0.06897	578405.01	4141736.41	0.07645
578425.01	4141736.41	0.08509	578445.01	4141736.41	0.09484
578465.01	4141736.41	0.10628	578485.01	4141736.41	0.12024
578505.01	4141736.41	0.13926	578625.01	4141736.41	0.35901
578645.01	4141736.41	0.43408	578665.01	4141736.41	0.53118
578865.01	4141736.41	2.60690	578885.01	4141736.41	2.32222
578905.01	4141736.41	1.95580	578925.01	4141736.41	1.60223
578945.01	4141736.41	1.29557	578965.01	4141736.41	1.05098
578985.01	4141736.41	0.86533	579005.01	4141736.41	0.72760
579025.01	4141736.41	0.62345	579045.01	4141736.41	0.54198
579065.01	4141736.41	0.47645	579085.01		

4141736.41 0.42317
579105.01 4141736.41 0.37942 579125.01
4141736.41 0.34379
579145.01 4141736.41 0.31398 579165.01
4141736.41 0.28864
579185.01 4141736.41 0.26682 579205.01
4141736.41 0.24805
579225.01 4141736.41 0.23149 579245.01
4141736.41 0.21673
579265.01 4141736.41 0.20345 579285.01
4141736.41 0.19142
579305.01 4141736.41 0.18045 579325.01
4141736.41 0.17042
579345.01 4141736.41 0.16114 578385.01
4141756.41 0.07398
578405.01 4141756.41 0.08218 578425.01
4141756.41 0.09160
578445.01 4141756.41 0.10259 578465.01
4141756.41 0.11546
578485.01 4141756.41 0.13243 578845.01
4141756.41 2.09060
578865.01 4141756.41 1.95445 578885.01
4141756.41 1.72169
578905.01 4141756.41 1.46178 578925.01
4141756.41 1.21569
578945.01 4141756.41 1.00206 578965.01
4141756.41 0.82846
578985.01 4141756.41 0.69437 579005.01
4141756.41 0.59171
579025.01 4141756.41 0.51195 579045.01
4141756.41 0.44835
579065.01 4141756.41 0.39674 579085.01
4141756.41 0.35446
579105.01 4141756.41 0.31949 579125.01
4141756.41 0.29086
579145.01 4141756.41 0.26680 579165.01
4141756.41 0.24634
579185.01 4141756.41 0.22868 579205.01
4141756.41 0.21352
579225.01 4141756.41 0.20012 579245.01
4141756.41 0.18814
579265.01 4141756.41 0.17742 579285.01
4141756.41 0.16770
579305.01 4141756.41 0.15879 579325.01
4141756.41 0.15055
579345.01 4141756.41 0.14298 578385.01
4141776.41 0.07943
578405.01 4141776.41 0.08857 578425.01
4141776.41 0.09866
578445.01 4141776.41 0.11072 578465.01

4141776.41 0.12557
  578485.01 4141776.41 0.14426 578825.01 4141776.41 1.69107
  578845.01 4141776.41 1.63966 578865.01 4141776.41 1.49752
  578885.01 4141776.41 1.31985 578905.01 4141776.41 1.12861

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	0.95066	578945.01	4141776.41	0.79734
578965.01	4141776.41	0.67199	578985.01	4141776.41	0.57181
579005.01	4141776.41	0.49297	579025.01	4141776.41	0.43020
579045.01	4141776.41	0.37928	579065.01	4141776.41	0.33732
579085.01	4141776.41	0.30264	579105.01	4141776.41	0.27379
579125.01	4141776.41	0.25001	579145.01	4141776.41	0.22995
579165.01	4141776.41	0.21291	579185.01	4141776.41	0.19822
579205.01	4141776.41	0.18562	579225.01	4141776.41	0.17449
579245.01	4141776.41	0.16456	579265.01	4141776.41	0.15571
579285.01	4141776.41	0.14768	579305.01	4141776.41	0.14036
579325.01	4141776.41	0.13354	579345.01		

4141776.41 0.12728
578405.01 4141796.41 0.09525 578425.01
4141796.41 0.10649
578445.01 4141796.41 0.11990 578465.01
4141796.41 0.13734
578805.01 4141796.41 1.39104 578825.01
4141796.41 1.37726
578845.01 4141796.41 1.30133 578865.01
4141796.41 1.18061
578885.01 4141796.41 1.03800 578905.01
4141796.41 0.89484
578925.01 4141796.41 0.76283 578945.01
4141796.41 0.65000
578965.01 4141796.41 0.55603 578985.01
4141796.41 0.47979
579005.01 4141796.41 0.41829 579025.01
4141796.41 0.36789
579045.01 4141796.41 0.32645 579065.01
4141796.41 0.29175
579085.01 4141796.41 0.26268 579105.01
4141796.41 0.23831
579125.01 4141796.41 0.21805 579145.01
4141796.41 0.20090
579165.01 4141796.41 0.18631 579185.01
4141796.41 0.17380
579205.01 4141796.41 0.16304 579225.01
4141796.41 0.15356
579245.01 4141796.41 0.14522 579265.01
4141796.41 0.13764
579285.01 4141796.41 0.13094 579305.01
4141796.41 0.12475
579325.01 4141796.41 0.11907 579345.01
4141796.41 0.11382
578445.01 4141816.41 0.13061 578585.01
4141816.41 0.34127
578605.01 4141816.41 0.39786 578665.01
4141816.41 0.62878
578685.01 4141816.41 0.72622 578785.01
4141816.41 1.16050
578805.01 4141816.41 1.16811 578825.01
4141816.41 1.12967
578845.01 4141816.41 1.05154 578865.01
4141816.41 0.94962
578885.01 4141816.41 0.83471 578905.01
4141816.41 0.72521
578925.01 4141816.41 0.62516 578945.01
4141816.41 0.53969
578965.01 4141816.41 0.46795 578985.01
4141816.41 0.40887
579005.01 4141816.41 0.36001 579025.01

4141816.41 0.31916
579045.01 4141816.41 0.28474 579065.01
4141816.41 0.25565
579085.01 4141816.41 0.23099 579105.01
4141816.41 0.21018
579125.01 4141816.41 0.19262 579145.01
4141816.41 0.17770
579165.01 4141816.41 0.16497 579185.01
4141816.41 0.15405

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.14466	579225.01	4141816.41	0.13641
579245.01	4141816.41	0.12919	579265.01	4141816.41	0.12270
579285.01	4141816.41	0.11686	579305.01	4141816.41	0.11154
579325.01	4141816.41	0.10670	579345.01	4141816.41	0.10222
578565.01	4141836.41	0.30958	578585.01	4141836.41	0.35619
578605.01	4141836.41	0.41216	578625.01	4141836.41	0.47470
578645.01	4141836.41	0.54450	578665.01	4141836.41	0.62234
578685.01	4141836.41	0.70447	578705.01	4141836.41	0.78765
578725.01	4141836.41	0.86748	578765.01	4141836.41	0.98057
578785.01	4141836.41	0.99777	578805.01		

4141836.41 0.98252
578825.01 4141836.41 0.93497 578845.01
4141836.41 0.86308
578865.01 4141836.41 0.77415 578885.01
4141836.41 0.68443
578905.01 4141836.41 0.59847 578925.01
4141836.41 0.52131
578945.01 4141836.41 0.45513 578965.01
4141836.41 0.39937
578985.01 4141836.41 0.35264 579005.01
4141836.41 0.31339
579025.01 4141836.41 0.27990 579045.01
4141836.41 0.25123
579065.01 4141836.41 0.22657 579085.01
4141836.41 0.20539
579105.01 4141836.41 0.18738 579125.01
4141836.41 0.17202
579145.01 4141836.41 0.15886 579165.01
4141836.41 0.14760
579185.01 4141836.41 0.13793 579205.01
4141836.41 0.12959
579225.01 4141836.41 0.12228 579245.01
4141836.41 0.11587
579265.01 4141836.41 0.11017 579285.01
4141836.41 0.10504
579305.01 4141836.41 0.10040 579325.01
4141836.41 0.09616
579345.01 4141836.41 0.09224 578565.01
4141856.41 0.32215
578585.01 4141856.41 0.36768 578605.01
4141856.41 0.41944
578625.01 4141856.41 0.47686 578645.01
4141856.41 0.53920
578665.01 4141856.41 0.60539 578685.01
4141856.41 0.67244
578705.01 4141856.41 0.73697 578725.01
4141856.41 0.79388
578745.01 4141856.41 0.83633 578765.01
4141856.41 0.85899
578785.01 4141856.41 0.85755 578805.01
4141856.41 0.83072
578825.01 4141856.41 0.78103 578845.01
4141856.41 0.71584
578865.01 4141856.41 0.64214 578885.01
4141856.41 0.56979
578905.01 4141856.41 0.50162 578925.01
4141856.41 0.44139
578945.01 4141856.41 0.38922 578965.01
4141856.41 0.34492
578985.01 4141856.41 0.30745 579005.01

4141856.41 0.27537
  579025.01 4141856.41 0.24759 579045.01
4141856.41 0.22348
  579065.01 4141856.41 0.20246 579085.01
4141856.41 0.18420
  579105.01 4141856.41 0.16850 579125.01
4141856.41 0.15498
  579145.01 4141856.41 0.14331 579165.01
4141856.41 0.13326
  579185.01 4141856.41 0.12462 579205.01
4141856.41 0.11711

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.11052	579245.01	4141856.41	0.10477
579265.01	4141856.41	0.09966	579285.01	4141856.41	0.09504
579305.01	4141856.41	0.09091	579325.01	4141856.41	0.08719
579345.01	4141856.41	0.08375	578545.01	4141876.41	0.29151
578565.01	4141876.41	0.33036	578585.01	4141876.41	0.37326
578605.01	4141876.41	0.42071	578625.01	4141876.41	0.47198
578645.01	4141876.41	0.52608	578665.01	4141876.41	0.58113
578685.01	4141876.41	0.63441	578705.01	4141876.41	0.68231
578725.01	4141876.41	0.72039	578745.01		

4141876.41 0.74446
578765.01 4141876.41 0.75085 578785.01
4141876.41 0.73767
578805.01 4141876.41 0.70558 578825.01
4141876.41 0.65810
578845.01 4141876.41 0.60083 578865.01
4141876.41 0.54006
578885.01 4141876.41 0.48080 578905.01
4141876.41 0.42632
578925.01 4141876.41 0.37848 578945.01
4141876.41 0.33692
578965.01 4141876.41 0.30122 578985.01
4141876.41 0.27049
579005.01 4141876.41 0.24392 579025.01
4141876.41 0.22070
579045.01 4141876.41 0.20024 579065.01
4141876.41 0.18221
579085.01 4141876.41 0.16638 579105.01
4141876.41 0.15265
579125.01 4141876.41 0.14068 579145.01
4141876.41 0.13028
579165.01 4141876.41 0.12124 579185.01
4141876.41 0.11345
579205.01 4141876.41 0.10664 579225.01
4141876.41 0.10067
579245.01 4141876.41 0.09543 579265.01
4141876.41 0.09080
579285.01 4141876.41 0.08661 579305.01
4141876.41 0.08288
579325.01 4141876.41 0.07953 579345.01
4141876.41 0.07643
578545.01 4141896.41 0.29791 578565.01
4141896.41 0.33431
578585.01 4141896.41 0.37406 578605.01
4141896.41 0.41698
578625.01 4141896.41 0.46169 578645.01
4141896.41 0.50720
578665.01 4141896.41 0.55177 578685.01
4141896.41 0.59236
578705.01 4141896.41 0.62615 578725.01
4141896.41 0.64989
578745.01 4141896.41 0.66060 578765.01
4141896.41 0.65626
578785.01 4141896.41 0.63647 578805.01
4141896.41 0.60292
578825.01 4141896.41 0.55903 578845.01
4141896.41 0.50965
578865.01 4141896.41 0.45897 578885.01
4141896.41 0.41058
578905.01 4141896.41 0.36673 578925.01

4141896.41 0.32809
578945.01 4141896.41 0.29447 578965.01
4141896.41 0.26533
578985.01 4141896.41 0.24003 579005.01
4141896.41 0.21778
579025.01 4141896.41 0.19803 579045.01
4141896.41 0.18052
579065.01 4141896.41 0.16498 579085.01
4141896.41 0.15119
579105.01 4141896.41 0.13911 579125.01
4141896.41 0.12847
579145.01 4141896.41 0.11916 579165.01
4141896.41 0.11103

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.10397	579205.01	4141896.41	0.09777
579225.01	4141896.41	0.09231	579245.01	4141896.41	0.08749
579265.01	4141896.41	0.08324	579285.01	4141896.41	0.07942
579305.01	4141896.41	0.07602	579325.01	4141896.41	0.07294
579345.01	4141896.41	0.07013	578565.01	4141916.41	0.33521
578585.01	4141916.41	0.37051	578605.01	4141916.41	0.40841
578625.01	4141916.41	0.44657	578645.01	4141916.41	0.48419
578665.01	4141916.41	0.51890	578685.01		

4141916.41 0.54873
578705.01 4141916.41 0.57124 578725.01
4141916.41 0.58407
578745.01 4141916.41 0.58537 578765.01
4141916.41 0.57426
578785.01 4141916.41 0.55122 578805.01
4141916.41 0.51817
578825.01 4141916.41 0.47895 578845.01
4141916.41 0.43651
578865.01 4141916.41 0.39418 578885.01
4141916.41 0.35443
578905.01 4141916.41 0.31859 578925.01
4141916.41 0.28704
578945.01 4141916.41 0.25957 578965.01
4141916.41 0.23555
578985.01 4141916.41 0.21443 579005.01
4141916.41 0.19563
579025.01 4141916.41 0.17883 579045.01
4141916.41 0.16372
579065.01 4141916.41 0.15016 579085.01
4141916.41 0.13808
579105.01 4141916.41 0.12741 579125.01
4141916.41 0.11794
579145.01 4141916.41 0.10958 579165.01
4141916.41 0.10223
579185.01 4141916.41 0.09581 578386.27
4141125.26 0.03825
578406.27 4141125.26 0.04199 578426.27
4141125.26 0.04615
578446.27 4141125.26 0.05100 578466.27
4141125.26 0.05692
578486.27 4141125.26 0.06495 578506.27
4141125.26 0.07304
578526.27 4141125.26 0.08216 578546.27
4141125.26 0.09288
578566.27 4141125.26 0.10542 578586.27
4141125.26 0.12034
578606.27 4141125.26 0.13824 578626.27
4141125.26 0.15845
578646.27 4141125.26 0.18269 578666.27
4141125.26 0.21175
578686.27 4141125.26 0.24520 578706.27
4141125.26 0.28471
578726.27 4141125.26 0.33217 578746.27
4141125.26 0.39003
578766.27 4141125.26 0.45852 578786.27
4141125.26 0.53960
578806.27 4141125.26 0.63776 578826.27
4141125.26 0.75083
578846.27 4141125.26 0.88367 578866.27

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	2.82277	579186.27	4141125.26	2.55697
579206.27	4141125.26	2.29511	578386.27	4141145.26	0.03773
578406.27	4141145.26	0.04137	578426.27	4141145.26	0.04562
578446.27	4141145.26	0.05032	578466.27	4141145.26	0.05591
578486.27	4141145.26	0.06402	578506.27	4141145.26	0.07196
578526.27	4141145.26	0.08132	578546.27	4141145.26	0.09201
578566.27	4141145.26	0.10476	578586.27		

4141145.26 0.11959
578606.27 4141145.26 0.13755 578626.27
4141145.26 0.15900
578646.27 4141145.26 0.18400 578666.27
4141145.26 0.21304
578686.27 4141145.26 0.24814 578706.27
4141145.26 0.29018
578726.27 4141145.26 0.34189 578746.27
4141145.26 0.40300
578766.27 4141145.26 0.47575 578786.27
4141145.26 0.56333
578806.27 4141145.26 0.66937 578826.27
4141145.26 0.79546
578846.27 4141145.26 0.94096 578866.27
4141145.26 1.11730
578886.27 4141145.26 1.32412 578906.27
4141145.26 1.56418
578926.27 4141145.26 1.83799 578946.27
4141145.26 2.13771
578966.27 4141145.26 2.46184 578986.27
4141145.26 2.80263
579006.27 4141145.26 3.13547 579026.27
4141145.26 3.42681
579046.27 4141145.26 3.64682 579066.27
4141145.26 3.77916
579086.27 4141145.26 3.80954 579106.27
4141145.26 3.71901
579126.27 4141145.26 3.53907 579146.27
4141145.26 3.28068
579166.27 4141145.26 2.98043 579186.27
4141145.26 2.66564
579206.27 4141145.26 2.36563 578723.62
4141929.59 0.54351
578743.62 4141929.59 0.54105 578763.62
4141929.59 0.52779
578783.62 4141929.59 0.50454 578803.62
4141929.59 0.47331
578823.62 4141929.59 0.43713 578843.62
4141929.59 0.39874
578863.62 4141929.59 0.36095 578883.62
4141929.59 0.32561
578903.62 4141929.59 0.29390 578923.62
4141929.59 0.26589
578943.62 4141929.59 0.24140 578963.62
4141929.59 0.21995
578983.62 4141929.59 0.20097 579003.62
4141929.59 0.18397
579023.62 4141929.59 0.16865 579043.62
4141929.59 0.15482
579063.62 4141929.59 0.14234 579083.62

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4141929.59        0.13113
         579103.62    4141929.59        0.12115                       579123.62
4141929.59        0.11231
         579143.62    4141929.59        0.10446                       579163.62
4141929.59        0.09751
         579183.62    4141929.59        0.09142                       578725.67
4141942.60        0.50625
         578745.67    4141942.60        0.49921                       578765.67
4141942.60        0.48306
         578785.67    4141942.60        0.45882                       578805.67
4141942.60        0.42863
         578825.67    4141942.60        0.39483                       578845.67
4141942.60        0.35998
         578865.67    4141942.60        0.32640                       578885.67
4141942.60        0.29534
         578905.67    4141942.60        0.26771                       578925.67
4141942.60        0.24329
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 240
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         578945.67    4141942.60        0.22184                       578965.67
4141942.60        0.20293
         578985.67    4141942.60        0.18611                       579005.67
4141942.60        0.17095
         579025.67    4141942.60        0.15719                       579045.67
4141942.60        0.14468
         579065.67    4141942.60        0.13336                       579085.67
4141942.60        0.12315
         579105.67    4141942.60        0.11400                       579125.67
4141942.60        0.10584
         579145.67    4141942.60        0.09861                       579165.67
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4141942.60 0.09219
579185.67 4141942.60 0.08652 578745.52
4141955.60 0.46195
578765.52 4141955.60 0.44458 578785.52
4141955.60 0.42079
578805.52 4141955.60 0.39231 578825.52
4141955.60 0.36121
578845.52 4141955.60 0.32968 578865.52
4141955.60 0.29950
578885.52 4141955.60 0.27198 578905.52
4141955.60 0.24742
578925.52 4141955.60 0.22570 578945.52
4141955.60 0.20658
578965.52 4141955.60 0.18962 578985.52
4141955.60 0.17443
579005.52 4141955.60 0.16069 579025.52
4141955.60 0.14817
579045.52 4141955.60 0.13673 579065.52
4141955.60 0.12631
579085.52 4141955.60 0.11686 579105.52
4141955.60 0.10837
579125.52 4141955.60 0.10076 579145.52
4141955.60 0.09397
579165.52 4141955.60 0.08794 579185.52
4141955.60 0.08259
578785.22 4141971.34 0.38016 578805.22
4141971.34 0.35372
578825.22 4141971.34 0.32568 578845.22
4141971.34 0.29779
578865.22 4141971.34 0.27123 578885.22
4141971.34 0.24739
578905.22 4141971.34 0.22596 578925.22
4141971.34 0.20698
578945.22 4141971.34 0.19025 578965.22
4141971.34 0.17531
578985.22 4141971.34 0.16182 579005.22
4141971.34 0.14954
579025.22 4141971.34 0.13830 579045.22
4141971.34 0.12799
579065.22 4141971.34 0.11855 579085.22
4141971.34 0.10994
579105.22 4141971.34 0.10215 579125.22
4141971.34 0.09515
579145.22 4141971.34 0.08885 579165.22
4141971.34 0.08326
579185.22 4141971.34 0.07824 578790.01
4141986.40 0.34008
578810.01 4141986.40 0.31512 578830.01
4141986.40 0.28972
578850.01 4141986.40 0.26506 578870.01

```
4141986.40        0.24228
         578890.01    4141986.40        0.22181                       578910.01
4141986.40        0.20350
         578930.01    4141986.40        0.18726                       578950.01
4141986.40        0.17288
         578970.01    4141986.40        0.15994                       578990.01
4141986.40        0.14812
         579010.01    4141986.40        0.13728                       579030.01
4141986.40        0.12731
         579050.01    4141986.40        0.11813                       579070.01
4141986.40        0.10970
         579090.01    4141986.40        0.10201                       579110.01
4141986.40        0.09500
         579130.01    4141986.40        0.08867                       579150.01
4141986.40        0.08299
         579170.01    4141986.40        0.07790                       579190.01
4141986.40        0.07332
         578810.54    4142001.46        0.28643                       578830.54
4142001.46        0.26356
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578850.54    4142001.46        0.24160                       578870.54
4142001.46        0.22157
         578890.54    4142001.46        0.20354                       578910.54
4142001.46        0.18744
         578930.54    4142001.46        0.17314                       578950.54
4142001.46        0.16036
         578970.54    4142001.46        0.14882                       578990.54
4142001.46        0.13824
         579010.54    4142001.46        0.12848                       579030.54
```

4142001.46 0.11943
579050.54 4142001.46 0.11107 579070.54
4142001.46 0.10336
579090.54 4142001.46 0.09631 579110.54
4142001.46 0.08987
579130.54 4142001.46 0.08402 579150.54
4142001.46 0.07875
579170.54 4142001.46 0.07400 579190.54
4142001.46 0.06972

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.03122	578405.01	4141176.41	0.03399
578425.01	4141176.41	0.03721	578445.01	4141176.41	0.04099
578465.01	4141176.41	0.04520	578485.01	4141176.41	0.05021
578505.01	4141176.41	0.05629	578525.01	4141176.41	0.06341
578545.01	4141176.41	0.07211	578565.01	4141176.41	0.08235
578585.01	4141176.41	0.09490	578605.01	4141176.41	0.11008
578625.01	4141176.41	0.12804	578645.01	4141176.41	0.14955
578665.01	4141176.41	0.17563	578685.01	4141176.41	0.20720
578705.01	4141176.41	0.24407	578725.01	4141176.41	0.28820
578745.01	4141176.41	0.34242	578765.01		

4141176.41 0.40773
578785.01 4141176.41 0.48911 578805.01
4141176.41 0.58991
578825.01 4141176.41 0.71647 578845.01
4141176.41 0.87545
578865.01 4141176.41 1.06762 578885.01
4141176.41 1.30707
578905.01 4141176.41 1.59936 578925.01
4141176.41 1.95332
578945.01 4141176.41 2.37765 578965.01
4141176.41 2.86389
578985.01 4141176.41 3.41046 579005.01
4141176.41 3.98321
579025.01 4141176.41 4.53870 579045.01
4141176.41 4.97906
579065.01 4141176.41 5.20158 579085.01
4141176.41 5.14811
579105.01 4141176.41 4.84825 579125.01
4141176.41 4.37777
579145.01 4141176.41 3.83040 579165.01
4141176.41 3.28263
579185.01 4141176.41 2.79974 579205.01
4141176.41 2.38394
579225.01 4141176.41 2.03945 578385.01
4141196.41 0.03100
578405.01 4141196.41 0.03372 578425.01
4141196.41 0.03686
578445.01 4141196.41 0.04044 578465.01
4141196.41 0.04462
578485.01 4141196.41 0.04953 578505.01
4141196.41 0.05534
578525.01 4141196.41 0.06235 578545.01
4141196.41 0.07078
578565.01 4141196.41 0.08101 578585.01
4141196.41 0.09341
578605.01 4141196.41 0.10835 578625.01
4141196.41 0.12654
578645.01 4141196.41 0.14911 578665.01
4141196.41 0.17671
578685.01 4141196.41 0.20894 578705.01
4141196.41 0.24737
578725.01 4141196.41 0.29362 578745.01
4141196.41 0.35033
578765.01 4141196.41 0.42096 578785.01
4141196.41 0.50774
578805.01 4141196.41 0.61765 578825.01
4141196.41 0.75572
578845.01 4141196.41 0.93138 578865.01
4141196.41 1.15273
578885.01 4141196.41 1.42252 578905.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	4.64721	579145.01	4141196.41	4.00134
579165.01	4141196.41	3.38705	579185.01	4141196.41	2.85026
579205.01	4141196.41	2.40666	579225.01	4141196.41	2.04481
579245.01	4141196.41	1.74836	578385.01	4141216.41	0.03090
578405.01	4141216.41	0.03357	578425.01	4141216.41	0.03662
578445.01	4141216.41	0.04012	578465.01	4141216.41	0.04421
578485.01	4141216.41	0.04897	578505.01	4141216.41	0.05455
578525.01	4141216.41	0.06141	578545.01	4141216.41	0.06963
578565.01	4141216.41	0.07963	578585.01		

4141216.41 0.09187
578605.01 4141216.41 0.10669 578625.01
4141216.41 0.12520
578645.01 4141216.41 0.14846 578665.01
4141216.41 0.17635
578685.01 4141216.41 0.21017 578705.01
4141216.41 0.25023
578725.01 4141216.41 0.29869 578745.01
4141216.41 0.35853
578765.01 4141216.41 0.43370 578785.01
4141216.41 0.52795
578805.01 4141216.41 0.64644 578825.01
4141216.41 0.79834
578845.01 4141216.41 0.99332 578925.01
4141216.41 2.40071
578945.01 4141216.41 2.95680 578965.01
4141216.41 3.63180
578985.01 4141216.41 4.38753 579005.01
4141216.41 5.19330
579025.01 4141216.41 5.93318 579045.01
4141216.41 6.44768
579065.01 4141216.41 6.58878 579085.01
4141216.41 6.29506
579105.01 4141216.41 5.68107 579125.01
4141216.41 4.92508
579145.01 4141216.41 4.16093 579165.01
4141216.41 3.46589
579185.01 4141216.41 2.88625 579205.01
4141216.41 2.41879
579225.01 4141216.41 2.04269 579245.01
4141216.41 1.72954
578385.01 4141236.41 0.03083 578405.01
4141236.41 0.03354
578425.01 4141236.41 0.03653 578445.01
4141236.41 0.03997
578465.01 4141236.41 0.04396 578485.01
4141236.41 0.04859
578505.01 4141236.41 0.05419 578525.01
4141236.41 0.06083
578545.01 4141236.41 0.06863 578565.01
4141236.41 0.07832
578585.01 4141236.41 0.09039 578605.01
4141236.41 0.10503
578625.01 4141236.41 0.12337 578645.01
4141236.41 0.14664
578665.01 4141236.41 0.17531 578685.01
4141236.41 0.21047
578705.01 4141236.41 0.25273 578725.01
4141236.41 0.30394
578745.01 4141236.41 0.36668 578765.01

4141236.41 0.44590
  578785.01 4141236.41 0.54833 578805.01 4141236.41 0.67718
  578825.01 4141236.41 0.84486 578945.01 4141236.41 3.32879
  578965.01 4141236.41 4.10621 578985.01 4141236.41 5.03722
  579005.01 4141236.41 5.99846 579025.01 4141236.41 6.86368
  579045.01 4141236.41 7.40122 579065.01 4141236.41 7.43114
  579085.01 4141236.41 6.96103 579105.01 4141236.41 6.13406

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	5.18788	579145.01	4141236.41	4.28945
579165.01	4141236.41	3.52765	579185.01	4141236.41	2.90776
579205.01	4141236.41	2.41436	579225.01	4141236.41	2.02185
579245.01	4141236.41	1.69624	578385.01	4141256.41	0.03092
578405.01	4141256.41	0.03356	578425.01	4141256.41	0.03658
578445.01	4141256.41	0.03997	578465.01	4141256.41	0.04387
578485.01	4141256.41	0.04845	578505.01	4141256.41	0.05395
578525.01	4141256.41	0.06036	578545.01		

4141256.41 0.06791
578565.01 4141256.41 0.07730 578585.01
4141256.41 0.08907
578605.01 4141256.41 0.10363 578625.01
4141256.41 0.12156
578645.01 4141256.41 0.14432 578665.01
4141256.41 0.17355
578685.01 4141256.41 0.20964 578705.01
4141256.41 0.25444
578725.01 4141256.41 0.30847 578745.01
4141256.41 0.37502
578765.01 4141256.41 0.45910 578785.01
4141256.41 0.56792
578805.01 4141256.41 0.71080 578965.01
4141256.41 4.68896
578985.01 4141256.41 5.79293 579005.01
4141256.41 7.00506
579025.01 4141256.41 8.01267 579045.01
4141256.41 8.56429
579065.01 4141256.41 8.43007 579085.01
4141256.41 7.68675
579105.01 4141256.41 6.57275 579125.01
4141256.41 5.41774
579145.01 4141256.41 4.39743 579165.01
4141256.41 3.56745
579185.01 4141256.41 2.91207 579205.01
4141256.41 2.39281
579225.01 4141256.41 1.98108 579245.01
4141256.41 1.65129
579265.01 4141256.41 1.38499 578385.01
4141276.41 0.03136
578405.01 4141276.41 0.03371 578425.01
4141276.41 0.03665
578445.01 4141276.41 0.04010 578465.01
4141276.41 0.04397
578485.01 4141276.41 0.04851 578505.01
4141276.41 0.05381
578525.01 4141276.41 0.06012 578545.01
4141276.41 0.06755
578565.01 4141276.41 0.07656 578585.01
4141276.41 0.08799
578605.01 4141276.41 0.10209 578625.01
4141276.41 0.12005
578645.01 4141276.41 0.14243 578665.01
4141276.41 0.17141
578685.01 4141276.41 0.20824 578705.01
4141276.41 0.25459
578725.01 4141276.41 0.31254 578745.01
4141276.41 0.38310
578765.01 4141276.41 0.47359 578785.01

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4141276.41        0.59042
         578985.01    4141276.41        6.74655                       579005.01
4141276.41        8.23357
         579025.01    4141276.41        9.48930                       579045.01
4141276.41       10.00533
         579065.01    4141276.41        9.60799                       579085.01
4141276.41        8.44234
         579105.01    4141276.41        7.00040                       579125.01
4141276.41        5.62443
         579145.01    4141276.41        4.48442                       579165.01
4141276.41        3.58203
         579185.01    4141276.41        2.88396                       579205.01
4141276.41        2.34460
         579225.01    4141276.41        1.92510                       579245.01
4141276.41        1.59527
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579265.01    4141276.41        1.33779                       578385.01
4141296.41        0.03159
         578405.01    4141296.41        0.03427                       578425.01
4141296.41        0.03689
         578445.01    4141296.41        0.04022                       578465.01
4141296.41        0.04416
         578485.01    4141296.41        0.04871                       578505.01
4141296.41        0.05396
         578525.01    4141296.41        0.06016                       578545.01
4141296.41        0.06748
         578565.01    4141296.41        0.07631                       578585.01
4141296.41        0.08722
         578605.01    4141296.41        0.10099                       578625.01
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4141296.41        0.11856
         578645.01    4141296.41        0.14100                    578665.01
4141296.41        0.16940
         578685.01    4141296.41        0.20657                    578705.01
4141296.41        0.25431
         578725.01    4141296.41        0.31475                    578745.01
4141296.41        0.39113
         579005.01    4141296.41        9.83801                    579025.01
4141296.41       11.36143
         579045.01    4141296.41       11.78932                    579065.01
4141296.41       10.91106
         579085.01    4141296.41        9.23599                    579105.01
4141296.41        7.40763
         579125.01    4141296.41        5.79519                    579145.01
4141296.41        4.51200
         579165.01    4141296.41        3.55397                    579185.01
4141296.41        2.82437
         579205.01    4141296.41        2.27590                    579225.01
4141296.41        1.85874
         579245.01    4141296.41        1.53574                    579265.01
4141296.41        1.28973
         579285.01    4141296.41        1.09772                    578385.01
4141316.41        0.03218
         578405.01    4141316.41        0.03451                    578425.01
4141316.41        0.03758
         578445.01    4141316.41        0.04060                    578465.01
4141316.41        0.04432
         578485.01    4141316.41        0.04885                    578505.01
4141316.41        0.05418
         578525.01    4141316.41        0.06039                    578545.01
4141316.41        0.06766
         578565.01    4141316.41        0.07643                    578585.01
4141316.41        0.08711
         578605.01    4141316.41        0.10056                    578625.01
4141316.41        0.11759
         578645.01    4141316.41        0.13973                    578665.01
4141316.41        0.16809
         578685.01    4141316.41        0.20509                    578705.01
4141316.41        0.25364
         578725.01    4141316.41        0.31656                    579025.01
4141316.41       13.81034
         579045.01    4141316.41       13.97688                    579065.01
4141316.41       12.41458
         579085.01    4141316.41       10.05278                    579105.01
4141316.41        7.76181
         579125.01    4141316.41        5.89165                    579145.01
4141316.41        4.49027
         579165.01    4141316.41        3.48177                    579185.01
4141316.41        2.74340
         579205.01    4141316.41        2.19587                    579225.01
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4141316.41   1.78893
579245.01   4141316.41   1.48349   579265.01
4141316.41   1.25037
579285.01   4141316.41   1.06957   578385.01
4141336.41   0.03295
578405.01   4141336.41   0.03518   578425.01
4141336.41   0.03782
578445.01   4141336.41   0.04110   578465.01
4141336.41   0.04510
578485.01   4141336.41   0.04912   578505.01
4141336.41   0.05430
578525.01   4141336.41   0.06056   578545.01
4141336.41   0.06801
578565.01   4141336.41   0.07669   578585.01
4141336.41   0.08728
578605.01   4141336.41   0.10051   578625.01
4141336.41   0.11728

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6   ***
INCLUDING SOURCE(S):   BC1_2D   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
- -
578645.01   4141336.41   0.13854   578665.01
4141336.41   0.16707
578685.01   4141336.41   0.20387   578705.01
4141336.41   0.25324
579025.01   4141336.41   17.19573   579045.01
4141336.41   16.77039
579065.01   4141336.41   14.10127   579085.01
4141336.41   10.81971
579105.01   4141336.41   7.99963   579125.01
4141336.41   5.90132
579145.01   4141336.41   4.42369   579165.01

4141336.41 3.38208
579185.01 4141336.41 2.64886 579205.01
4141336.41 2.11330
579225.01 4141336.41 1.72854 579245.01
4141336.41 1.43728
579265.01 4141336.41 1.21683 579285.01
4141336.41 1.04824
578385.01 4141356.41 0.03397 578405.01
4141356.41 0.03617
578425.01 4141356.41 0.03875 578445.01
4141356.41 0.04173
578465.01 4141356.41 0.04531 578485.01
4141356.41 0.04994
578505.01 4141356.41 0.05497 578525.01
4141356.41 0.06076
578545.01 4141356.41 0.06817 578565.01
4141356.41 0.07710
578585.01 4141356.41 0.08763 578605.01
4141356.41 0.10080
578625.01 4141356.41 0.11721 578645.01
4141356.41 0.13817
578665.01 4141356.41 0.16598 578685.01
4141356.41 0.20316
579025.01 4141356.41 22.09395 579045.01
4141356.41 20.35593
579065.01 4141356.41 15.86760 579085.01
4141356.41 11.41722
579105.01 4141356.41 8.08183 579125.01
4141356.41 5.81384
579145.01 4141356.41 4.29456 579165.01
4141356.41 3.26054
579185.01 4141356.41 2.54774 579205.01
4141356.41 2.03900
579225.01 4141356.41 1.66941 579245.01
4141356.41 1.39528
579265.01 4141356.41 1.18994 579285.01
4141356.41 1.03149
579305.01 4141356.41 0.90737 578385.01
4141376.41 0.03517
578405.01 4141376.41 0.03739 578425.01
4141376.41 0.03991
578445.01 4141376.41 0.04287 578465.01
4141376.41 0.04627
578485.01 4141376.41 0.05026 578505.01
4141376.41 0.05530
578525.01 4141376.41 0.06162 578545.01
4141376.41 0.06836
578565.01 4141376.41 0.07729 578585.01
4141376.41 0.08808
578605.01 4141376.41 0.10123 578625.01

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4141376.41        0.11754
         578645.01    4141376.41        0.13829                       578665.01
4141376.41        0.16570
         578685.01    4141376.41        0.20259                       579005.01
4141376.41       26.50327
         579025.01    4141376.41       29.44452                       579045.01
4141376.41       24.73448
         579065.01    4141376.41       17.46854                       579085.01
4141376.41       11.74295
         579105.01    4141376.41        7.98635                       579125.01
4141376.41        5.63133
         579145.01    4141376.41        4.12774                       579165.01
4141376.41        3.13274
         579185.01    4141376.41        2.44812                       579205.01
4141376.41        1.96394
         579225.01    4141376.41        1.61587                       579245.01
4141376.41        1.36028
         579265.01    4141376.41        1.16673                       579285.01
4141376.41        1.01795
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 247
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579305.01    4141376.41        0.89931                       578385.01
4141396.41        0.03659
         578405.01    4141396.41        0.03879                       578425.01
4141396.41        0.04125
         578445.01    4141396.41        0.04414                       578465.01
4141396.41        0.04763
         578485.01    4141396.41        0.05160                       578505.01
4141396.41        0.05620
         578525.01    4141396.41        0.06226                       578545.01
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4141396.41        0.06893
         578565.01    4141396.41        0.07746                    578585.01
4141396.41        0.08806
         578605.01    4141396.41        0.10125                    578625.01
4141396.41        0.11776
         578645.01    4141396.41        0.13865                    578665.01
4141396.41        0.16566
         579005.01    4141396.41       38.84734                    579025.01
4141396.41       41.32750
         579045.01    4141396.41       29.67574                    579065.01
4141396.41       18.52052
         579085.01    4141396.41       11.68860                    579105.01
4141396.41        7.75634
         579125.01    4141396.41        5.42481                    579145.01
4141396.41        3.95956
         579165.01    4141396.41        2.99687                    579185.01
4141396.41        2.34502
         579205.01    4141396.41        1.89219                    579225.01
4141396.41        1.56749
         579245.01    4141396.41        1.32852                    579265.01
4141396.41        1.14656
         579285.01    4141396.41        1.00385                    579305.01
4141396.41        0.88753
         578385.01    4141416.41        0.03806                    578405.01
4141416.41        0.04035
         578425.01    4141416.41        0.04295                    578445.01
4141416.41        0.04592
         578465.01    4141416.41        0.04932                    578485.01
4141416.41        0.05330
         578505.01    4141416.41        0.05782                    578525.01
4141416.41        0.06336
         578545.01    4141416.41        0.07009                    578565.01
4141416.41        0.07814
         578585.01    4141416.41        0.08840                    578605.01
4141416.41        0.10128
         578625.01    4141416.41        0.11763                    578645.01
4141416.41        0.13840
         578665.01    4141416.41        0.16555                    579025.01
4141416.41       60.81527
         579045.01    4141416.41       34.40486                    579065.01
4141416.41       18.86420
         579085.01    4141416.41       11.43767                    579105.01
4141416.41        7.47016
         579125.01    4141416.41        5.17598                    579145.01
4141416.41        3.75834
         579165.01    4141416.41        2.84678                    579185.01
4141416.41        2.23876
         579205.01    4141416.41        1.81919                    579225.01
4141416.41        1.52000
         579245.01    4141416.41        1.29597                    579265.01
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4141416.41   1.12285
         579285.01   4141416.41   0.98249   579305.01
4141416.41   0.86857
         578385.01   4141436.41   0.03956   578405.01
4141436.41   0.04206
         578425.01   4141436.41   0.04484   578445.01
4141436.41   0.04801
         578465.01   4141436.41   0.05155   578485.01
4141436.41   0.05558
         578505.01   4141436.41   0.06004   578525.01
4141436.41   0.06558
         578545.01   4141436.41   0.07200   578565.01
4141436.41   0.07976
         578585.01   4141436.41   0.08970   578605.01
4141436.41   0.10210
         578625.01   4141436.41   0.11795   578645.01
4141436.41   0.13841
         579025.01   4141436.41   88.69138   579045.01
4141436.41   37.19175
         579065.01   4141436.41   18.48012   579085.01
4141436.41   10.98402

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP6   ***
                                   INCLUDING SOURCE(S):   BC1_2D   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         579105.01   4141436.41   7.05862   579125.01
4141436.41   4.84759
         579145.01   4141436.41   3.52221   579165.01
4141436.41   2.68373
         579185.01   4141436.41   2.13040   579205.01
4141436.41   1.74797
         579225.01   4141436.41   1.47013   579245.01

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4141436.41        1.25803
         579265.01    4141436.41        1.08944                    579285.01
4141436.41        0.95302
         579305.01    4141436.41        0.84032                    579325.01
4141436.41        0.74516
         578385.01    4141456.41        0.04100                    578405.01
4141456.41        0.04370
         578425.01    4141456.41        0.04669                    578445.01
4141456.41        0.05007
         578465.01    4141456.41        0.05383                    578485.01
4141456.41        0.05814
         578505.01    4141456.41        0.06273                    578525.01
4141456.41        0.06857
         578545.01    4141456.41        0.07476                    578565.01
4141456.41        0.08262
         578585.01    4141456.41        0.09232                    578605.01
4141456.41        0.10418
         578625.01    4141456.41        0.11935                    578645.01
4141456.41        0.13918
         579045.01    4141456.41       34.07634                    579065.01
4141456.41       17.45138
         579085.01    4141456.41       10.15350                    579105.01
4141456.41        6.45455
         579125.01    4141456.41        4.43820                    579145.01
4141456.41        3.25638
         579165.01    4141456.41        2.51344                    579185.01
4141456.41        2.02009
         579205.01    4141456.41        1.67105                    579225.01
4141456.41        1.41109
         579245.01    4141456.41        1.20694                    579265.01
4141456.41        1.04440
         578385.01    4141476.41        0.04219                    578405.01
4141476.41        0.04512
         578425.01    4141476.41        0.04836                    578445.01
4141476.41        0.05192
         578465.01    4141476.41        0.05599                    578485.01
4141476.41        0.06068
         578505.01    4141476.41        0.06571                    578525.01
4141476.41        0.07200
         578545.01    4141476.41        0.07820                    578565.01
4141476.41        0.08618
         578585.01    4141476.41        0.09577                    578605.01
4141476.41        0.10753
         578625.01    4141476.41        0.12226                    578645.01
4141476.41        0.14146
         579065.01    4141476.41       15.67511                    579085.01
4141476.41        9.04351
         579105.01    4141476.41        5.73799                    579125.01
4141476.41        3.98692
         579145.01    4141476.41        2.97997                    579165.01
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4141476.41        2.34257
         579185.01    4141476.41        1.89925                       579205.01
4141476.41        1.57785
         579225.01    4141476.41        1.33370                       578385.01
4141496.41        0.04308
         578405.01    4141496.41        0.04620                       578425.01
4141496.41        0.04964
         578445.01    4141496.41        0.05348                       578465.01
4141496.41        0.05784
         578485.01    4141496.41        0.06288                       578505.01
4141496.41        0.06834
         578525.01    4141496.41        0.07520                       578545.01
4141496.41        0.08190
         578565.01    4141496.41        0.09019                       578585.01
4141496.41        0.10009
         578605.01    4141496.41        0.11197                       578625.01
4141496.41        0.12656
         578645.01    4141496.41        0.14560                       579085.01
4141496.41        7.80408
         579105.01    4141496.41        5.00226                       579125.01
4141496.41        3.55596
         579145.01    4141496.41        2.71347                       579165.01
4141496.41        2.16013
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 249
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579185.01    4141496.41        1.76273                       579205.01
4141496.41        1.46696
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4141516.41        0.04693
         578425.01    4141516.41        0.05060                       578445.01
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4141516.41 0.05463
578465.01 4141516.41 0.05925 578485.01
4141516.41 0.06457
578505.01 4141516.41 0.07046 578525.01
4141516.41 0.07796
578545.01 4141516.41 0.08515 578565.01
4141516.41 0.09429
578585.01 4141516.41 0.10487 578605.01
4141516.41 0.11744
578625.01 4141516.41 0.13278 578645.01
4141516.41 0.15217
579085.01 4141516.41 6.50225 579105.01
4141516.41 4.31764
579125.01 4141516.41 3.16060 579145.01
4141516.41 2.44494
579165.01 4141516.41 1.95691 578385.01
4141536.41 0.04416
578405.01 4141536.41 0.04748 578425.01
4141536.41 0.05128
578445.01 4141536.41 0.05559 578465.01
4141536.41 0.06040
578485.01 4141536.41 0.06594 578505.01
4141536.41 0.07216
578525.01 4141536.41 0.08035 578545.01
4141536.41 0.08785
578565.01 4141536.41 0.09789 578585.01
4141536.41 0.10949
578605.01 4141536.41 0.12315 578625.01
4141536.41 0.13988
578645.01 4141536.41 0.16031 578665.01
4141536.41 0.18599
579105.01 4141536.41 3.70154 579125.01
4141536.41 2.75916
579185.01 4141536.41 1.42200 578385.01
4141556.41 0.04486
578405.01 4141556.41 0.04825 578425.01
4141556.41 0.05209
578445.01 4141556.41 0.05650 578465.01
4141556.41 0.06157
578485.01 4141556.41 0.06730 578505.01
4141556.41 0.07385
578525.01 4141556.41 0.08217 578545.01
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578565.01 4141556.41 0.10100 578585.01
4141556.41 0.11353
578605.01 4141556.41 0.12868 578625.01
4141556.41 0.14688
578645.01 4141556.41 0.16922 578665.01
4141556.41 0.19697
578685.01 4141556.41 0.23253 579165.01

4141556.41 1.48556
  579185.01 4141556.41 1.23245 579205.01
4141556.41 1.04051
  578385.01 4141576.41 0.04582 578405.01
4141576.41 0.04930
  578425.01 4141576.41 0.05327 578445.01
4141576.41 0.05782
  578465.01 4141576.41 0.06296 578485.01
4141576.41 0.06892
  578505.01 4141576.41 0.07592 578525.01
4141576.41 0.08458
  578545.01 4141576.41 0.09355 578565.01
4141576.41 0.10474
  578585.01 4141576.41 0.11808 578605.01
4141576.41 0.13425
  578625.01 4141576.41 0.15413 578645.01
4141576.41 0.17910
  578665.01 4141576.41 0.20993 578685.01
4141576.41 0.24929
  578705.01 4141576.41 0.30151 579145.01
4141576.41 1.51060
  579165.01 4141576.41 1.24463 579185.01
4141576.41 1.04561
  579205.01 4141576.41 0.89211 579225.01
4141576.41 0.77088

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.67322	579265.01	4141576.41	0.59330
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4141596.41 0.05063
578425.01 4141596.41 0.05472 578445.01
4141596.41 0.05948
578465.01 4141596.41 0.06487 578485.01
4141596.41 0.07112
578505.01 4141596.41 0.07862 578525.01
4141596.41 0.08759
578545.01 4141596.41 0.09735 578565.01
4141596.41 0.10952
578585.01 4141596.41 0.12388 578605.01
4141596.41 0.14122
578625.01 4141596.41 0.16271 578645.01
4141596.41 0.18979
578665.01 4141596.41 0.22474 578685.01
4141596.41 0.26992
578705.01 4141596.41 0.32868 578725.01
4141596.41 0.41188
578745.01 4141596.41 0.53396 579105.01
4141596.41 1.84630
579145.01 4141596.41 1.21944 579165.01
4141596.41 1.02328
579185.01 4141596.41 0.87242 579205.01
4141596.41 0.75358
579225.01 4141596.41 0.65805 579245.01
4141596.41 0.57988
579265.01 4141596.41 0.51523 579285.01
4141596.41 0.45994
579305.01 4141596.41 0.41457 579325.01
4141596.41 0.37509
579345.01 4141596.41 0.34115 578385.01
4141616.41 0.04796
578405.01 4141616.41 0.05188 578425.01
4141616.41 0.05630
578445.01 4141616.41 0.06128 578465.01
4141616.41 0.06700
578485.01 4141616.41 0.07362 578505.01
4141616.41 0.08151
578525.01 4141616.41 0.09132 578545.01
4141616.41 0.10154
578565.01 4141616.41 0.11477 578585.01
4141616.41 0.13039
578605.01 4141616.41 0.14952 578625.01
4141616.41 0.17333
578645.01 4141616.41 0.20299 578665.01
4141616.41 0.24187
578685.01 4141616.41 0.29391 578705.01
4141616.41 0.36441
578725.01 4141616.41 0.46166 578745.01
4141616.41 0.60545
579065.01 4141616.41 2.21759 579085.01

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4141616.41        1.73198
         579105.01    4141616.41        1.39822                       579125.01
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4141616.41        0.72065
         579205.01    4141616.41        0.63068                       579225.01
4141616.41        0.55686
         579245.01    4141616.41        0.49556                       579265.01
4141616.41        0.44404
         579285.01    4141616.41        0.39862                       579305.01
4141616.41        0.36172
         579325.01    4141616.41        0.32996                       579345.01
4141616.41        0.30201
         578385.01    4141636.41        0.04894                       578405.01
4141636.41        0.05303
         578425.01    4141636.41        0.05768                       578445.01
4141636.41        0.06302
         578465.01    4141636.41        0.06916                       578485.01
4141636.41        0.07616
         578505.01    4141636.41        0.08452                       578525.01
4141636.41        0.09456
         578545.01    4141636.41        0.10609                       578565.01
4141636.41        0.12033
         578585.01    4141636.41        0.13796                       578605.01
4141636.41        0.15939
         578625.01    4141636.41        0.18593                       578645.01
4141636.41        0.22017
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578665.01    4141636.41        0.26476                       578685.01
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4141636.41 0.32578
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4141636.41 0.52822
579045.01 4141636.41 2.05493 579065.01
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579085.01 4141636.41 1.28583 579105.01
4141636.41 1.06618
579125.01 4141636.41 0.90203 579165.01
4141636.41 0.67457
579185.01 4141636.41 0.59263 579205.01
4141636.41 0.52536
579225.01 4141636.41 0.46920 579245.01
4141636.41 0.42183
579265.01 4141636.41 0.38136 579285.01
4141636.41 0.34585
579305.01 4141636.41 0.31585 579325.01
4141636.41 0.28957
579345.01 4141636.41 0.26667 578385.01
4141656.41 0.04998
578405.01 4141656.41 0.05429 578425.01
4141656.41 0.05911
578445.01 4141656.41 0.06474 578465.01
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578485.01 4141656.41 0.07906 578505.01
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4141656.41 0.11169
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4141656.41 0.32747
579285.01 4141656.41 0.29958 579305.01

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4141656.41 0.23498
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  578425.01 4141676.41 0.06095 578445.01
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  578465.01 4141676.41 0.07436 578485.01
4141676.41 0.08271
  578505.01 4141676.41 0.09313 578525.01
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  578545.01 4141676.41 0.11938 578565.01
4141676.41 0.13724
  578585.01 4141676.41 0.15962 578605.01
4141676.41 0.18776
  578625.01 4141676.41 0.22445 578645.01
4141676.41 0.27324
  578665.01 4141676.41 0.33861 578685.01
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4141676.41 2.15919
  579005.01 4141676.41 1.65765 579025.01
4141676.41 1.31333
  579045.01 4141676.41 1.06479 579065.01
4141676.41 0.88329
  579085.01 4141676.41 0.74915 579105.01
4141676.41 0.64669
  579125.01 4141676.41 0.56632 579145.01
4141676.41 0.50183

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

- -
579165.01 4141676.41 0.44903 579185.01
4141676.41 0.40468
579205.01 4141676.41 0.36689 579225.01
4141676.41 0.33447
579245.01 4141676.41 0.30644 579265.01
4141676.41 0.28183
579285.01 4141676.41 0.26000 579305.01
4141676.41 0.24027
579325.01 4141676.41 0.22355 579345.01
4141676.41 0.20821
578385.01 4141696.41 0.05304 578405.01
4141696.41 0.05790
578425.01 4141696.41 0.06367 578445.01
4141696.41 0.07057
578465.01 4141696.41 0.07845 578485.01
4141696.41 0.08767
578505.01 4141696.41 0.09929 578525.01
4141696.41 0.11311
578565.01 4141696.41 0.15035 578585.01
4141696.41 0.17643
578605.01 4141696.41 0.20971 578625.01
4141696.41 0.25276
578645.01 4141696.41 0.31146 578665.01
4141696.41 0.38999
578685.01 4141696.41 0.49727 578945.01
4141696.41 2.50026
578965.01 4141696.41 1.88694 578985.01
4141696.41 1.46886
579005.01 4141696.41 1.17820 579025.01
4141696.41 0.96535
579045.01 4141696.41 0.80404 579065.01
4141696.41 0.68211
579085.01 4141696.41 0.58899 579105.01
4141696.41 0.51620
579125.01 4141696.41 0.45783 579145.01
4141696.41 0.41038
579165.01 4141696.41 0.37099 579185.01
4141696.41 0.33778
579205.01 4141696.41 0.30904 579225.01
4141696.41 0.28416
579245.01 4141696.41 0.26225 579265.01
4141696.41 0.24309
579285.01 4141696.41 0.22594 579305.01
4141696.41 0.21048
579325.01 4141696.41 0.19667 579345.01
4141696.41 0.18425
578385.01 4141716.41 0.05550 578405.01
4141716.41 0.06095
578425.01 4141716.41 0.06747 578445.01

4141716.41 0.07508
  578465.01 4141716.41 0.08375 578485.01
4141716.41 0.09421
  578505.01 4141716.41 0.10759 578525.01
4141716.41 0.12393
  578605.01 4141716.41 0.23674 578625.01
4141716.41 0.28877
  578645.01 4141716.41 0.35845 578665.01
4141716.41 0.45020
  578685.01 4141716.41 0.57754 578905.01
4141716.41 2.89194
  578925.01 4141716.41 2.22909 578945.01
4141716.41 1.70784
  578965.01 4141716.41 1.33424 578985.01
4141716.41 1.07349
  579005.01 4141716.41 0.88480 579025.01
4141716.41 0.74040
  579045.01 4141716.41 0.62774 579065.01
4141716.41 0.54067
  579085.01 4141716.41 0.47310 579105.01
4141716.41 0.41958
  579125.01 4141716.41 0.37589 579145.01
4141716.41 0.33986
  579165.01 4141716.41 0.30983 579185.01
4141716.41 0.28427
  579205.01 4141716.41 0.26208 579225.01
4141716.41 0.24271
  579245.01 4141716.41 0.22551 579265.01
4141716.41 0.21032
  579285.01 4141716.41 0.19672 579305.01
4141716.41 0.18420

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

Y-COORD (M) CONC
- -

579325.01	4141716.41	0.17328	579345.01	4141716.41	0.16314
578385.01	4141736.41	0.05871	578405.01	4141736.41	0.06496
578425.01	4141736.41	0.07222	578445.01	4141736.41	0.08051
578465.01	4141736.41	0.09034	578485.01	4141736.41	0.10243
578505.01	4141736.41	0.11883	578625.01	4141736.41	0.33055
578645.01	4141736.41	0.40921	578665.01	4141736.41	0.51423
578865.01	4141736.41	2.87123	578885.01	4141736.41	2.45715
578905.01	4141736.41	1.99507	578925.01	4141736.41	1.57940
578945.01	4141736.41	1.24783	578965.01	4141736.41	1.00444
578985.01	4141736.41	0.82861	579005.01	4141736.41	0.69534
579025.01	4141736.41	0.58965	579045.01	4141736.41	0.50573
579065.01	4141736.41	0.44022	579085.01	4141736.41	0.38879
579105.01	4141736.41	0.34760	579125.01	4141736.41	0.31368
579145.01	4141736.41	0.28549	579165.01	4141736.41	0.26182
579185.01	4141736.41	0.24164	579205.01	4141736.41	0.22405
579225.01	4141736.41	0.20865	579245.01	4141736.41	0.19501
579265.01	4141736.41	0.18284	579285.01	4141736.41	0.17192
579305.01	4141736.41	0.16206	579325.01	4141736.41	0.15305
579345.01	4141736.41	0.14485	578385.01	4141756.41	0.06287
578405.01	4141756.41	0.06980	578425.01	4141756.41	0.07784
578445.01	4141756.41	0.08733	578465.01	4141756.41	0.09862
578485.01	4141756.41	0.11353	578845.01	4141756.41	2.30155
578865.01	4141756.41	2.08119	578885.01	4141756.41	1.76722
578905.01	4141756.41	1.45232	578925.01		

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4141756.41        1.17506
         578945.01    4141756.41        0.95440                        578965.01
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         578985.01    4141756.41        0.66451                        579005.01
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         579025.01    4141756.41        0.48424                        579045.01
4141756.41        0.41900
         579065.01    4141756.41        0.36743                        579085.01
4141756.41        0.32654
         579105.01    4141756.41        0.29356                        579125.01
4141756.41        0.26621
         579145.01    4141756.41        0.24339                        579165.01
4141756.41        0.22415
         579185.01    4141756.41        0.20773                        579205.01
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         579225.01    4141756.41        0.18087                        579245.01
4141756.41        0.16980
         579265.01    4141756.41        0.15988                        579285.01
4141756.41        0.15091
         579305.01    4141756.41        0.14284                        579325.01
4141756.41        0.13556
         579345.01    4141756.41        0.12880                        578385.01
4141776.41        0.06758
         578405.01    4141776.41        0.07542                        578425.01
4141776.41        0.08426
         578445.01    4141776.41        0.09496                        578465.01
4141776.41        0.10833
         578485.01    4141776.41        0.12534                        578825.01
4141776.41        1.86590
         578845.01    4141776.41        1.76058                        578865.01
4141776.41        1.55993
         578885.01    4141776.41        1.32339                        578905.01
4141776.41        1.09997
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	0.90784	578945.01	4141776.41	0.75557
578965.01	4141776.41	0.63901	578985.01	4141776.41	0.54738
579005.01	4141776.41	0.47127	579025.01	4141776.41	0.40729
579045.01	4141776.41	0.35488	579065.01	4141776.41	0.31304
579085.01	4141776.41	0.27955	579105.01	4141776.41	0.25231
579125.01	4141776.41	0.22961	579145.01	4141776.41	0.21059
579165.01	4141776.41	0.19449	579185.01	4141776.41	0.18075
579205.01	4141776.41	0.16875	579225.01	4141776.41	0.15827
579245.01	4141776.41	0.14903	579265.01	4141776.41	0.14073
579285.01	4141776.41	0.13329	579305.01	4141776.41	0.12650
579325.01	4141776.41	0.12047	579345.01	4141776.41	0.11485
578405.01	4141796.41	0.08164	578425.01	4141796.41	0.09177
578445.01	4141796.41	0.10409	578465.01	4141796.41	0.12024
578805.01	4141796.41	1.53928	578825.01	4141796.41	1.49009
578845.01	4141796.41	1.36622	578865.01	4141796.41	1.20077
578885.01	4141796.41	1.02257	578905.01	4141796.41	0.85945
578925.01	4141796.41	0.72258	578945.01	4141796.41	0.61419
578965.01	4141796.41	0.52955	578985.01	4141796.41	0.46007
579005.01	4141796.41	0.40018	579025.01	4141796.41	0.34876
579045.01	4141796.41	0.30585	579065.01	4141796.41	0.27115
579085.01	4141796.41	0.24313	579105.01	4141796.41	0.22016
579125.01	4141796.41	0.20090	579145.01	4141796.41	0.18468
579165.01	4141796.41	0.17091	579185.01		

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4141796.41        0.15912
         579205.01    4141796.41        0.14885                        579225.01
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         579245.01    4141796.41        0.13190                        579265.01
4141796.41        0.12489
         579285.01    4141796.41        0.11843                        579305.01
4141796.41        0.11269
         579325.01    4141796.41        0.10748                        579345.01
4141796.41        0.10273
         578445.01    4141816.41        0.11533                        578585.01
4141816.41        0.34367
         578605.01    4141816.41        0.40918                        578665.01
4141816.41        0.68438
         578685.01    4141816.41        0.80206                        578785.01
4141816.41        1.28821
         578805.01    4141816.41        1.27204                        578825.01
4141816.41        1.19860
         578845.01    4141816.41        1.08139                        578865.01
4141816.41        0.94542
         578885.01    4141816.41        0.81008                        578905.01
4141816.41        0.68900
         578925.01    4141816.41        0.58939                        578945.01
4141816.41        0.51031
         578965.01    4141816.41        0.44684                        578985.01
4141816.41        0.39264
         579005.01    4141816.41        0.34464                        579025.01
4141816.41        0.30265
         579045.01    4141816.41        0.26720                        579065.01
4141816.41        0.23806
         579085.01    4141816.41        0.21426                        579105.01
4141816.41        0.19454
         579125.01    4141816.41        0.17794                        579145.01
4141816.41        0.16387
         579165.01    4141816.41        0.15186                        579185.01
4141816.41        0.14158
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 255
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.13264	579225.01	4141816.41	0.12484
579245.01	4141816.41	0.11786	579265.01	4141816.41	0.11166
579285.01	4141816.41	0.10611	579305.01	4141816.41	0.10114
579325.01	4141816.41	0.09656	579345.01	4141816.41	0.09243
578565.01	4141836.41	0.31421	578585.01	4141836.41	0.36846
578605.01	4141836.41	0.43416	578625.01	4141836.41	0.50857
578645.01	4141836.41	0.59229	578665.01	4141836.41	0.68588
578685.01	4141836.41	0.78447	578705.01	4141836.41	0.88340
578725.01	4141836.41	0.97614	578765.01	4141836.41	1.09142
578785.01	4141836.41	1.09289	578805.01	4141836.41	1.05226
578825.01	4141836.41	0.97370	578845.01	4141836.41	0.87107
578865.01	4141836.41	0.76043	578885.01	4141836.41	0.65528
578905.01	4141836.41	0.56458	578925.01	4141836.41	0.49067
578945.01	4141836.41	0.43157	578965.01	4141836.41	0.38261
578985.01	4141836.41	0.33943	579005.01	4141836.41	0.30023
579025.01	4141836.41	0.26549	579045.01	4141836.41	0.23581
579065.01	4141836.41	0.21116	579085.01	4141836.41	0.19079
579105.01	4141836.41	0.17373	579125.01	4141836.41	0.15925
579145.01	4141836.41	0.14688	579165.01	4141836.41	0.13627
579185.01	4141836.41	0.12714	579205.01	4141836.41	0.11923
579225.01	4141836.41	0.11235	579245.01	4141836.41	0.10625
579265.01	4141836.41	0.10075	579285.01		

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4141836.41        0.09584
         579305.01    4141836.41        0.09140                        579325.01
4141836.41        0.08735
         579345.01    4141836.41        0.08374                        578565.01
4141856.41        0.33490
         578585.01    4141856.41        0.38841                        578605.01
4141856.41        0.44973
         578625.01    4141856.41        0.51826                        578645.01
4141856.41        0.59295
         578665.01    4141856.41        0.67215                        578685.01
4141856.41        0.75183
         578705.01    4141856.41        0.82710                        578725.01
4141856.41        0.89052
         578745.01    4141856.41        0.93227                        578765.01
4141856.41        0.94540
         578785.01    4141856.41        0.92597                        578805.01
4141856.41        0.87514
         578825.01    4141856.41        0.79929                        578845.01
4141856.41        0.71087
         578865.01    4141856.41        0.62171                        578885.01
4141856.41        0.54009
         578905.01    4141856.41        0.47133                        578925.01
4141856.41        0.41545
         578945.01    4141856.41        0.37025                        578965.01
4141856.41        0.33162
         578985.01    4141856.41        0.29650                        579005.01
4141856.41        0.26410
         579025.01    4141856.41        0.23503                        579045.01
4141856.41        0.20994
         579065.01    4141856.41        0.18891                        579085.01
4141856.41        0.17136
         579105.01    4141856.41        0.15652                        579125.01
4141856.41        0.14380
         579145.01    4141856.41        0.13284                        579165.01
4141856.41        0.12334
         579185.01    4141856.41        0.11511                        579205.01
4141856.41        0.10801
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 256
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.10187	579245.01	4141856.41	0.09642
579265.01	4141856.41	0.09155	579285.01	4141856.41	0.08724
579305.01	4141856.41	0.08326	579325.01	4141856.41	0.07957
579345.01	4141856.41	0.07628	578545.01	4141876.41	0.30427
578565.01	4141876.41	0.34974	578585.01	4141876.41	0.40036
578605.01	4141876.41	0.45669	578625.01	4141876.41	0.51785
578645.01	4141876.41	0.58241	578665.01	4141876.41	0.64779
578685.01	4141876.41	0.71011	578705.01	4141876.41	0.76415
578725.01	4141876.41	0.80341	578745.01	4141876.41	0.82211
578765.01	4141876.41	0.81622	578785.01	4141876.41	0.78502
578805.01	4141876.41	0.73154	578825.01	4141876.41	0.66265
578845.01	4141876.41	0.58785	578865.01	4141876.41	0.51591
578885.01	4141876.41	0.45253	578905.01	4141876.41	0.39977
578925.01	4141876.41	0.35684	578945.01	4141876.41	0.32144
578965.01	4141876.41	0.29030	578985.01	4141876.41	0.26135
579005.01	4141876.41	0.23423	579025.01	4141876.41	0.20965
579045.01	4141876.41	0.18825	579065.01	4141876.41	0.17016
579085.01	4141876.41	0.15495	579105.01	4141876.41	0.14199
579125.01	4141876.41	0.13080	579145.01	4141876.41	0.12104
579165.01	4141876.41	0.11249	579185.01	4141876.41	0.10501
579205.01	4141876.41	0.09855	579225.01		

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4141876.41        0.09296
         579245.01    4141876.41        0.08805                       579265.01
4141876.41        0.08369
         579285.01    4141876.41        0.07982                       579305.01
4141876.41        0.07625
         579325.01    4141876.41        0.07293                       579345.01
4141876.41        0.06996
         578545.01    4141896.41        0.31585                       578565.01
4141896.41        0.35853
         578585.01    4141896.41        0.40550                       578605.01
4141896.41        0.45646
         578625.01    4141896.41        0.50968                       578645.01
4141896.41        0.56369
         578665.01    4141896.41        0.61597                       578685.01
4141896.41        0.66214
         578705.01    4141896.41        0.69804                       578725.01
4141896.41        0.71913
         578745.01    4141896.41        0.72178                       578765.01
4141896.41        0.70432
         578785.01    4141896.41        0.66775                       578805.01
4141896.41        0.61579
         578825.01    4141896.41        0.55484                       578845.01
4141896.41        0.49223
         578865.01    4141896.41        0.43443                       578885.01
4141896.41        0.38472
         578905.01    4141896.41        0.34371                       578925.01
4141896.41        0.31024
         578945.01    4141896.41        0.28196                       578965.01
4141896.41        0.25639
         578985.01    4141896.41        0.23213                       579005.01
4141896.41        0.20919
         579025.01    4141896.41        0.18825                       579045.01
4141896.41        0.16986
         579065.01    4141896.41        0.15417                       579085.01
4141896.41        0.14091
         579105.01    4141896.41        0.12954                       579125.01
4141896.41        0.11969
         579145.01    4141896.41        0.11100                       579165.01
4141896.41        0.10329
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.09646	579205.01	4141896.41	0.09051
579225.01	4141896.41	0.08535	579245.01	4141896.41	0.08088
579265.01	4141896.41	0.07691	579285.01	4141896.41	0.07340
579305.01	4141896.41	0.07018	579325.01	4141896.41	0.06723
579345.01	4141896.41	0.06452	578565.01	4141916.41	0.36283
578585.01	4141916.41	0.40461	578605.01	4141916.41	0.44962
578625.01	4141916.41	0.49489	578645.01	4141916.41	0.53909
578665.01	4141916.41	0.57881	578685.01	4141916.41	0.61115
578705.01	4141916.41	0.63269	578725.01	4141916.41	0.64045
578745.01	4141916.41	0.63248	578765.01	4141916.41	0.60858
578785.01	4141916.41	0.57054	578805.01	4141916.41	0.52226
578825.01	4141916.41	0.46901	578845.01	4141916.41	0.41699
578865.01	4141916.41	0.37046	578885.01	4141916.41	0.33125
578905.01	4141916.41	0.29916	578925.01	4141916.41	0.27264
578945.01	4141916.41	0.24954	578965.01	4141916.41	0.22815
578985.01	4141916.41	0.20759	579005.01	4141916.41	0.18803
579025.01	4141916.41	0.17001	579045.01	4141916.41	0.15408
579065.01	4141916.41	0.14040	579085.01	4141916.41	0.12875
579105.01	4141916.41	0.11875	579125.01	4141916.41	0.11004
579145.01	4141916.41	0.10231	579165.01		

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4141916.41        0.09538
         579185.01    4141916.41        0.08914                        578386.27
4141125.26        0.03243
         578406.27    4141125.26        0.03547                        578426.27
4141125.26        0.03887
         578446.27    4141125.26        0.04280                        578466.27
4141125.26        0.04754
         578486.27    4141125.26        0.05301                        578506.27
4141125.26        0.05946
         578526.27    4141125.26        0.06686                        578546.27
4141125.26        0.07567
         578566.27    4141125.26        0.08614                        578586.27
4141125.26        0.09874
         578606.27    4141125.26        0.11390                        578626.27
4141125.26        0.13110
         578646.27    4141125.26        0.15146                        578666.27
4141125.26        0.17552
         578686.27    4141125.26        0.20304                        578706.27
4141125.26        0.23545
         578726.27    4141125.26        0.27453                        578746.27
4141125.26        0.32251
         578766.27    4141125.26        0.38002                        578786.27
4141125.26        0.44889
         578806.27    4141125.26        0.53292                        578826.27
4141125.26        0.63163
         578846.27    4141125.26        0.75069                        578866.27
4141125.26        0.89690
         578886.27    4141125.26        1.07795                        578906.27
4141125.26        1.29797
         578926.27    4141125.26        1.55405                        578946.27
4141125.26        1.85461
         578966.27    4141125.26        2.19996                        578986.27
4141125.26        2.58701
         579006.27    4141125.26        3.00000                        579026.27
4141125.26        3.40668
         579046.27    4141125.26        3.74280                        579066.27
4141125.26        3.94929
         579086.27    4141125.26        4.00690                        579106.27
4141125.26        3.90913
         579126.27    4141125.26        3.67549                        579146.27
4141125.26        3.34352
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	2.96253	579186.27	4141125.26	2.59085
579206.27	4141125.26	2.25735	578386.27	4141145.26	0.03193
578406.27	4141145.26	0.03488	578426.27	4141145.26	0.03830
578446.27	4141145.26	0.04209	578466.27	4141145.26	0.04659
578486.27	4141145.26	0.05205	578506.27	4141145.26	0.05835
578526.27	4141145.26	0.06585	578546.27	4141145.26	0.07456
578566.27	4141145.26	0.08511	578586.27	4141145.26	0.09759
578606.27	4141145.26	0.11280	578626.27	4141145.26	0.13096
578646.27	4141145.26	0.15203	578666.27	4141145.26	0.17626
578686.27	4141145.26	0.20509	578706.27	4141145.26	0.23934
578726.27	4141145.26	0.28139	578746.27	4141145.26	0.33166
578766.27	4141145.26	0.39242	578786.27	4141145.26	0.46659
578806.27	4141145.26	0.55757	578826.27	4141145.26	0.66785
578846.27	4141145.26	0.79915	578866.27	4141145.26	0.96357
578886.27	4141145.26	1.16535	578906.27	4141145.26	1.41121
578926.27	4141145.26	1.70579	578946.27	4141145.26	2.04702
578966.27	4141145.26	2.44008	578986.27	4141145.26	2.88527
579006.27	4141145.26	3.35840	579026.27	4141145.26	3.80710
579046.27	4141145.26	4.16546	579066.27		

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4141145.26        4.38082
         579086.27    4141145.26        4.41557                      579106.27
4141145.26        4.24620
         579126.27    4141145.26        3.93367                      579146.27
4141145.26        3.52112
         579166.27    4141145.26        3.08116                      579186.27
4141145.26        2.66263
         579206.27    4141145.26        2.30032                      578723.62
4141929.59        0.59278
         578743.62    4141929.59        0.58106                      578763.62
4141929.59        0.55571
         578783.62    4141929.59        0.51862                      578803.62
4141929.59        0.47350
         578823.62    4141929.59        0.42527                      578843.62
4141929.59        0.37909
         578863.62    4141929.59        0.33830                      578883.62
4141929.59        0.30424
         578903.62    4141929.59        0.27634                      578923.62
4141929.59        0.25311
         578943.62    4141929.59        0.23263                      578963.62
4141929.59        0.21339
         578983.62    4141929.59        0.19478                      579003.62
4141929.59        0.17700
         579023.62    4141929.59        0.16052                      579043.62
4141929.59        0.14584
         579063.62    4141929.59        0.13314                      579083.62
4141929.59        0.12230
         579103.62    4141929.59        0.11300                      579123.62
4141929.59        0.10488
         579143.62    4141929.59        0.09766                      579163.62
4141929.59        0.09115
         579183.62    4141929.59        0.08526                      578725.67
4141942.60        0.54779
         578745.67    4141942.60        0.53149                      578765.67
4141942.60        0.50355
         578785.67    4141942.60        0.46639                      578805.67
4141942.60        0.42370
         578825.67    4141942.60        0.38016                      578845.67
4141942.60        0.33983
         578865.67    4141942.60        0.30498                      578885.67
4141942.60        0.27624
         578905.67    4141942.60        0.25263                      578925.67
4141942.60        0.23263
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***

INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.21457	578965.67	4141942.60	0.19730
578985.67	4141942.60	0.18047	579005.67	4141942.60	0.16437
579025.67	4141942.60	0.14949	579045.67	4141942.60	0.13622
579065.67	4141942.60	0.12470	579085.67	4141942.60	0.11483
579105.67	4141942.60	0.10635	579125.67	4141942.60	0.09893
579145.67	4141942.60	0.09230	579165.67	4141942.60	0.08630
579185.67	4141942.60	0.08082	578745.52	4141955.60	0.48814
578765.52	4141955.60	0.45992	578785.52	4141955.60	0.42418
578805.52	4141955.60	0.38461	578825.52	4141955.60	0.34538
578845.52	4141955.60	0.30977	578865.52	4141955.60	0.27950
578885.52	4141955.60	0.25461	578905.52	4141955.60	0.23411
578925.52	4141955.60	0.21650	578945.52	4141955.60	0.20029
578965.52	4141955.60	0.18464	578985.52	4141955.60	0.16933
579005.52	4141955.60	0.15463	579025.52	4141955.60	0.14099
579045.52	4141955.60	0.12878	579065.52	4141955.60	0.11813
579085.52	4141955.60	0.10898	579105.52	4141955.60	0.10108
579125.52	4141955.60	0.09418	579145.52	4141955.60	0.08803
579165.52	4141955.60	0.08243	579185.52		

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4141955.60        0.07729
         578785.22    4141971.34        0.37951                      578805.22
4141971.34        0.34373
         578825.22    4141971.34        0.30920                      578845.22
4141971.34        0.27854
         578865.22    4141971.34        0.25291                      578885.22
4141971.34        0.23190
         578905.22    4141971.34        0.21450                      578925.22
4141971.34        0.19926
         578945.22    4141971.34        0.18494                      578965.22
4141971.34        0.17096
         578985.22    4141971.34        0.15723                      579005.22
4141971.34        0.14403
         579025.22    4141971.34        0.13174                      579045.22
4141971.34        0.12066
         579065.22    4141971.34        0.11093                      579085.22
4141971.34        0.10253
         579105.22    4141971.34        0.09527                      579125.22
4141971.34        0.08892
         579145.22    4141971.34        0.08327                      579165.22
4141971.34        0.07812
         579185.22    4141971.34        0.07338                      578790.01
4141986.40        0.33390
         578810.01    4141986.40        0.30186                      578830.01
4141986.40        0.27227
         578850.01    4141986.40        0.24691                      578870.01
4141986.40        0.22607
         578890.01    4141986.40        0.20902                      578910.01
4141986.40        0.19456
         578930.01    4141986.40        0.18141                      578950.01
4141986.40        0.16867
         578970.01    4141986.40        0.15606                      578990.01
4141986.40        0.14373
         579010.01    4141986.40        0.13196                      579030.01
4141986.40        0.12104
         579050.01    4141986.40        0.11123                      579070.01
4141986.40        0.10260
         579090.01    4141986.40        0.09511                      579110.01
4141986.40        0.08861
         579130.01    4141986.40        0.08292                      579150.01
4141986.40        0.07783
         579170.01    4141986.40        0.07316                      579190.01
4141986.40        0.06887
         578810.54    4142001.46        0.27219                      578830.54
4142001.46        0.24641
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.22472	578870.54	4142001.46	0.20704
578890.54	4142001.46	0.19252	578910.54	4142001.46	0.17996
578930.54	4142001.46	0.16829	578950.54	4142001.46	0.15682
578970.54	4142001.46	0.14538	578990.54	4142001.46	0.13416
579010.54	4142001.46	0.12347	579030.54	4142001.46	0.11357
579050.54	4142001.46	0.10464	579070.54	4142001.46	0.09674
579090.54	4142001.46	0.08983	579110.54	4142001.46	0.08383
579130.54	4142001.46	0.07856	579150.54	4142001.46	0.07384
579170.54	4142001.46	0.06954	579190.54	4142001.46	0.06557

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.03021	578405.01	4141176.41	0.03274
578425.01	4141176.41	0.03568	578445.01	4141176.41	0.03913
578465.01	4141176.41	0.04290	578485.01	4141176.41	0.04735
578505.01	4141176.41	0.05270	578525.01	4141176.41	0.05878
578545.01	4141176.41	0.06734	578565.01	4141176.41	0.07585
578585.01	4141176.41	0.08608	578605.01	4141176.41	0.09819
578625.01	4141176.41	0.11232	578645.01	4141176.41	0.12676
578665.01	4141176.41	0.14992	578685.01	4141176.41	0.17532
578705.01	4141176.41	0.20510	578725.01	4141176.41	0.24055
578745.01	4141176.41	0.28332	578765.01	4141176.41	0.33323
578785.01	4141176.41	0.39336	578805.01	4141176.41	0.46532
578825.01	4141176.41	0.55300	578845.01	4141176.41	0.66011
578865.01	4141176.41	0.78544	578885.01	4141176.41	0.93805
578905.01	4141176.41	1.12081	578925.01	4141176.41	1.33938
578945.01	4141176.41	1.59800	578965.01	4141176.41	1.88678
578985.01	4141176.41	2.20207	579005.01	4141176.41	2.52816
579025.01	4141176.41	2.86091	579045.01	4141176.41	3.17684
579065.01	4141176.41	3.44568	579085.01	4141176.41	3.63555
579105.01	4141176.41	3.73320	579125.01	4141176.41	3.73009
579145.01	4141176.41	3.62866	579165.01	4141176.41	3.43974
579185.01	4141176.41	3.19717	579205.01	4141176.41	2.91293
579225.01	4141176.41	2.61572	578385.01		

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4141196.41        0.02988
         578405.01    4141196.41        0.03231                       578425.01
4141196.41        0.03517
         578445.01    4141196.41        0.03842                       578465.01
4141196.41        0.04218
         578485.01    4141196.41        0.04658                       578505.01
4141196.41        0.05169
         578525.01    4141196.41        0.05776                       578545.01
4141196.41        0.06608
         578565.01    4141196.41        0.07462                       578585.01
4141196.41        0.08469
         578605.01    4141196.41        0.09650                       578625.01
4141196.41        0.11062
         578645.01    4141196.41        0.12809                       578665.01
4141196.41        0.14957
         578685.01    4141196.41        0.17483                       578705.01
4141196.41        0.20524
         578725.01    4141196.41        0.24189                       578745.01
4141196.41        0.28625
         578765.01    4141196.41        0.34006                       578785.01
4141196.41        0.40372
         578805.01    4141196.41        0.48137                       578825.01
4141196.41        0.57528
         578845.01    4141196.41        0.69093                       578865.01
4141196.41        0.83249
         578885.01    4141196.41        1.00042                       578905.01
4141196.41        1.20526
         578925.01    4141196.41        1.45323                       578945.01
4141196.41        1.74609
         578965.01    4141196.41        2.07985                       578985.01
4141196.41        2.43437
         579005.01    4141196.41        2.81499                       579025.01
4141196.41        3.20413
         579045.01    4141196.41        3.55898                       579065.01
4141196.41        3.85843
         579085.01    4141196.41        4.04994                       579105.01
4141196.41        4.12837
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 262
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
```

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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	4.08941	579145.01	4141196.41	3.94390
579165.01	4141196.41	3.70153	579185.01	4141196.41	3.39224
579205.01	4141196.41	3.05281	579225.01	4141196.41	2.71102
579245.01	4141196.41	2.38801	578385.01	4141216.41	0.02965
578405.01	4141216.41	0.03200	578425.01	4141216.41	0.03471
578445.01	4141216.41	0.03785	578465.01	4141216.41	0.04152
578485.01	4141216.41	0.04578	578505.01	4141216.41	0.05070
578525.01	4141216.41	0.05781	578545.01	4141216.41	0.06489
578565.01	4141216.41	0.07328	578585.01	4141216.41	0.08324
578605.01	4141216.41	0.09493	578625.01	4141216.41	0.10920
578645.01	4141216.41	0.12694	578665.01	4141216.41	0.14806
578685.01	4141216.41	0.17390	578705.01	4141216.41	0.20480
578725.01	4141216.41	0.24243	578745.01	4141216.41	0.28865
578765.01	4141216.41	0.34547	578785.01	4141216.41	0.41423
578805.01	4141216.41	0.49701	578825.01	4141216.41	0.59871
578845.01	4141216.41	0.72425	578925.01	4141216.41	1.57899
578945.01	4141216.41	1.90995	578965.01	4141216.41	2.30240
578985.01	4141216.41	2.72306	579005.01	4141216.41	3.16467
579025.01	4141216.41	3.60069	579045.01	4141216.41	4.00282
579065.01	4141216.41	4.33061	579085.01	4141216.41	4.52732
579105.01	4141216.41	4.58147	579125.01		

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4141216.41        4.49989
         579145.01    4141216.41        4.28827                       579165.01
4141216.41        3.96841
         579185.01    4141216.41        3.58907                       579205.01
4141216.41        3.19154
         579225.01    4141216.41        2.80704                       579245.01
4141216.41        2.44289
         578385.01    4141236.41        0.02944                       578405.01
4141236.41        0.03180
         578425.01    4141236.41        0.03439                       578445.01
4141236.41        0.03741
         578465.01    4141236.41        0.04093                       578485.01
4141236.41        0.04503
         578505.01    4141236.41        0.05003                       578525.01
4141236.41        0.05694
         578545.01    4141236.41        0.06368                       578565.01
4141236.41        0.07186
         578585.01    4141236.41        0.08174                       578605.01
4141236.41        0.09330
         578625.01    4141236.41        0.10737                       578645.01
4141236.41        0.12485
         578665.01    4141236.41        0.14612                       578685.01
4141236.41        0.17225
         578705.01    4141236.41        0.20394                       578725.01
4141236.41        0.24272
         578745.01    4141236.41        0.29023                       578765.01
4141236.41        0.34932
         578785.01    4141236.41        0.42346                       578805.01
4141236.41        0.51255
         578825.01    4141236.41        0.62317                       578945.01
4141236.41        2.10479
         578965.01    4141236.41        2.54821                       578985.01
4141236.41        3.05636
         579005.01    4141236.41        3.56806                       579025.01
4141236.41        4.07232
         579045.01    4141236.41        4.52501                       579065.01
4141236.41        4.87484
         579085.01    4141236.41        5.08358                       579105.01
4141236.41        5.10680
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 263
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	4.95484	579145.01	4141236.41	4.65173
579165.01	4141236.41	4.24796	579185.01	4141236.41	3.78870
579205.01	4141236.41	3.32389	579225.01	4141236.41	2.88957
579245.01	4141236.41	2.48493	578385.01	4141256.41	0.02940
578405.01	4141256.41	0.03166	578425.01	4141256.41	0.03425
578445.01	4141256.41	0.03713	578465.01	4141256.41	0.04047
578485.01	4141256.41	0.04444	578505.01	4141256.41	0.05037
578525.01	4141256.41	0.05599	578545.01	4141256.41	0.06252
578565.01	4141256.41	0.07047	578585.01	4141256.41	0.08018
578605.01	4141256.41	0.09176	578625.01	4141256.41	0.10546
578645.01	4141256.41	0.12234	578665.01	4141256.41	0.14366
578685.01	4141256.41	0.16975	578705.01	4141256.41	0.20239
578725.01	4141256.41	0.24208	578745.01	4141256.41	0.29120
578765.01	4141256.41	0.35274	578785.01	4141256.41	0.43036
578805.01	4141256.41	0.52819	578965.01	4141256.41	2.84425
578985.01	4141256.41	3.42683	579005.01	4141256.41	4.05224
579025.01	4141256.41	4.63157	579045.01	4141256.41	5.15005
579065.01	4141256.41	5.53310	579085.01	4141256.41	5.73348
579105.01	4141256.41	5.69545	579125.01	4141256.41	5.45295
579145.01	4141256.41	5.04622	579165.01		

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4141256.41        4.53797
         579185.01    4141256.41        3.99079                      579205.01
4141256.41        3.45022
         579225.01    4141256.41        2.95304                      579245.01
4141256.41        2.51327
         579265.01    4141256.41        2.13226                      578385.01
4141276.41        0.03047
         578405.01    4141276.41        0.03167                      578425.01
4141276.41        0.03413
         578445.01    4141276.41        0.03704                      578465.01
4141276.41        0.04025
         578485.01    4141276.41        0.04407                      578505.01
4141276.41        0.04857
         578525.01    4141276.41        0.05513                      578545.01
4141276.41        0.06149
         578565.01    4141276.41        0.06910                      578585.01
4141276.41        0.07854
         578605.01    4141276.41        0.08979                      578625.01
4141276.41        0.10360
         578645.01    4141276.41        0.12010                      578665.01
4141276.41        0.14088
         578685.01    4141276.41        0.16685                      578705.01
4141276.41        0.19952
         578725.01    4141276.41        0.24077                      578745.01
4141276.41        0.29123
         578765.01    4141276.41        0.35586                      578785.01
4141276.41        0.43754
         578985.01    4141276.41        3.87689                      579005.01
4141276.41        4.60807
         579025.01    4141276.41        5.31981                      579045.01
4141276.41        5.91017
         579065.01    4141276.41        6.33230                      579085.01
4141276.41        6.48239
         579105.01    4141276.41        6.37253                      579125.01
4141276.41        6.01359
         579145.01    4141276.41        5.47815                      579165.01
4141276.41        4.83848
         579185.01    4141276.41        4.17696                      579205.01
4141276.41        3.55217
         579225.01    4141276.41        2.99612                      579245.01
4141276.41        2.51711
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 264
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	2.12145	578385.01	4141296.41	0.02980
578405.01	4141296.41	0.03286	578425.01	4141296.41	0.03425
578445.01	4141296.41	0.03697	578465.01	4141296.41	0.04021
578485.01	4141296.41	0.04494	578505.01	4141296.41	0.04931
578525.01	4141296.41	0.05449	578545.01	4141296.41	0.06062
578565.01	4141296.41	0.06797	578585.01	4141296.41	0.07690
578605.01	4141296.41	0.08788	578625.01	4141296.41	0.10140
578645.01	4141296.41	0.11796	578665.01	4141296.41	0.13804
578685.01	4141296.41	0.16368	578705.01	4141296.41	0.19627
578725.01	4141296.41	0.23766	578745.01	4141296.41	0.29046
579005.01	4141296.41	5.28864	579025.01	4141296.41	6.13778
579045.01	4141296.41	6.83126	579065.01	4141296.41	7.25636
579085.01	4141296.41	7.37409	579105.01	4141296.41	7.16017
579125.01	4141296.41	6.64334	579145.01	4141296.41	5.92004
579165.01	4141296.41	5.13056	579185.01	4141296.41	4.33958
579205.01	4141296.41	3.62512	579225.01	4141296.41	3.01236
579245.01	4141296.41	2.49723	579265.01	4141296.41	2.08757
579285.01	4141296.41	1.75416	578385.01	4141316.41	0.03022
578405.01	4141316.41	0.03221	578425.01		

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4141316.41        0.03556
         578445.01    4141316.41        0.03808                        578465.01
4141316.41        0.04020
         578485.01    4141316.41        0.04480                        578505.01
4141316.41        0.04911
         578525.01    4141316.41        0.05413                        578545.01
4141316.41        0.06001
         578565.01    4141316.41        0.06710                        578585.01
4141316.41        0.07567
         578605.01    4141316.41        0.08627                        578625.01
4141316.41        0.09928
         578645.01    4141316.41        0.11555                        578665.01
4141316.41        0.13546
         578685.01    4141316.41        0.16044                        578705.01
4141316.41        0.19253
         578725.01    4141316.41        0.23393                        579025.01
4141316.41        7.12678
         579045.01    4141316.41        7.93132                        579065.01
4141316.41        8.39804
         579085.01    4141316.41        8.45168                        579105.01
4141316.41        8.07279
         579125.01    4141316.41        7.33010                        579145.01
4141316.41        6.38134
         579165.01    4141316.41        5.39953                        579185.01
4141316.41        4.47479
         579205.01    4141316.41        3.66388                        579225.01
4141316.41        2.99767
         579245.01    4141316.41        2.46838                        579265.01
4141316.41        2.04797
         579285.01    4141316.41        1.70970                        578385.01
4141336.41        0.03080
         578405.01    4141336.41        0.03274                        578425.01
4141336.41        0.03497
         578445.01    4141336.41        0.03842                        578465.01
4141336.41        0.04175
         578485.01    4141336.41        0.04493                        578505.01
4141336.41        0.04902
         578525.01    4141336.41        0.05392                        578545.01
4141336.41        0.05973
         578565.01    4141336.41        0.06648                        578585.01
4141336.41        0.07470
         578605.01    4141336.41        0.08486                        578625.01
4141336.41        0.09747
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                  PAGE 265
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***

INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.11287	578665.01	4141336.41	0.13273
578685.01	4141336.41	0.15710	578705.01	4141336.41	0.18876
579025.01	4141336.41	8.37886	579045.01	4141336.41	9.32101
579065.01	4141336.41	9.81738	579085.01	4141336.41	9.74548
579105.01	4141336.41	9.11255	579125.01	4141336.41	8.07443
579145.01	4141336.41	6.85701	579165.01	4141336.41	5.63992
579185.01	4141336.41	4.56714	579205.01	4141336.41	3.66350
579225.01	4141336.41	2.97155	579245.01	4141336.41	2.42095
579265.01	4141336.41	1.99172	579285.01	4141336.41	1.65669
578385.01	4141356.41	0.03156	578405.01	4141356.41	0.03354
578425.01	4141356.41	0.03626	578445.01	4141356.41	0.03885
578465.01	4141356.41	0.04185	578485.01	4141356.41	0.04565
578505.01	4141356.41	0.04960	578525.01	4141356.41	0.05400
578545.01	4141356.41	0.05961	578565.01	4141356.41	0.06632
578585.01	4141356.41	0.07414	578605.01	4141356.41	0.08389
578625.01	4141356.41	0.09585	578645.01	4141356.41	0.11071
578665.01	4141356.41	0.12969	578685.01	4141356.41	0.15389
579025.01	4141356.41	9.99817	579045.01		

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4141356.41       11.10655
         579065.01    4141356.41       11.58306                       579085.01
4141356.41       11.29092
         579105.01    4141356.41       10.29302                       579125.01
4141356.41        8.85473
         579145.01    4141356.41        7.28431                       579165.01
4141356.41        5.81652
         579185.01    4141356.41        4.59842                       579205.01
4141356.41        3.63738
         579225.01    4141356.41        2.90458                       579245.01
4141356.41        2.34593
         579265.01    4141356.41        1.92243                       579285.01
4141356.41        1.59319
         579305.01    4141356.41        1.33894                       578385.01
4141376.41        0.03256
         578405.01    4141376.41        0.03466                       578425.01
4141376.41        0.03699
         578445.01    4141376.41        0.03964                       578465.01
4141376.41        0.04258
         578485.01    4141376.41        0.04589                       578505.01
4141376.41        0.04993
         578525.01    4141376.41        0.05484                       578545.01
4141376.41        0.05981
         578565.01    4141376.41        0.06636                       578585.01
4141376.41        0.07413
         578605.01    4141376.41        0.08348                       578625.01
4141376.41        0.09490
         578645.01    4141376.41        0.10914                       578665.01
4141376.41        0.12734
         578685.01    4141376.41        0.15075                       579005.01
4141376.41       10.25077
         579025.01    4141376.41       12.06836                       579045.01
4141376.41       13.36456
         579065.01    4141376.41       13.78893                       579085.01
4141376.41       13.15215
         579105.01    4141376.41       11.60256                       579125.01
4141376.41        9.60909
         579145.01    4141376.41        7.62176                       579165.01
4141376.41        5.91568
         579185.01    4141376.41        4.56915                       579205.01
4141376.41        3.55415
         579225.01    4141376.41        2.80682                       579245.01
4141376.41        2.25465
         579265.01    4141376.41        1.83786                       579285.01
4141376.41        1.52611
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	1.28730	578385.01	4141396.41	0.03336
578405.01	4141396.41	0.03544	578425.01	4141396.41	0.03773
578445.01	4141396.41	0.04038	578465.01	4141396.41	0.04347
578485.01	4141396.41	0.04688	578505.01	4141396.41	0.05066
578525.01	4141396.41	0.05547	578545.01	4141396.41	0.06048
578565.01	4141396.41	0.06668	578585.01	4141396.41	0.07418
578605.01	4141396.41	0.08329	578625.01	4141396.41	0.09446
578645.01	4141396.41	0.10828	578665.01	4141396.41	0.12561
579005.01	4141396.41	12.49010	579025.01	4141396.41	14.77581
579045.01	4141396.41	16.30447	579065.01	4141396.41	16.56135
579085.01	4141396.41	15.34210	579105.01	4141396.41	13.01294
579125.01	4141396.41	10.33527	579145.01	4141396.41	7.87856
579165.01	4141396.41	5.91123	579185.01	4141396.41	4.45973
579205.01	4141396.41	3.42511	579225.01	4141396.41	2.68248
579245.01	4141396.41	2.14637	579265.01	4141396.41	1.75281
579285.01	4141396.41	1.46062	579305.01	4141396.41	1.23713
578385.01	4141416.41	0.03414	578405.01		

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4141416.41        0.03625
         578425.01    4141416.41        0.03864                      578445.01
4141416.41        0.04135
         578465.01    4141416.41        0.04440                      578485.01
4141416.41        0.04790
         578505.01    4141416.41        0.05175                      578525.01
4141416.41        0.05626
         578545.01    4141416.41        0.06152                      578565.01
4141416.41        0.06748
         578585.01    4141416.41        0.07478                      578605.01
4141416.41        0.08358
         578625.01    4141416.41        0.09438                      578645.01
4141416.41        0.10769
         578665.01    4141416.41        0.12453                      579025.01
4141416.41       18.42800
         579045.01    4141416.41       20.26174                      579065.01
4141416.41       20.17499
         579085.01    4141416.41       18.01799                      579105.01
4141416.41       14.52437
         579125.01    4141416.41       10.93872                      579145.01
4141416.41        7.95809
         579165.01    4141416.41        5.77822                      579185.01
4141416.41        4.27155
         579205.01    4141416.41        3.24250                      579225.01
4141416.41        2.53542
         579245.01    4141416.41        2.03232                      579265.01
4141416.41        1.66961
         579285.01    4141416.41        1.39604                      579305.01
4141416.41        1.19135
         578385.01    4141436.41        0.03496                      578405.01
4141436.41        0.03715
         578425.01    4141436.41        0.03962                      578445.01
4141436.41        0.04245
         578465.01    4141436.41        0.04558                      578485.01
4141436.41        0.04912
         578505.01    4141436.41        0.05297                      578525.01
4141436.41        0.05761
         578545.01    4141436.41        0.06279                      578565.01
4141436.41        0.06877
         578585.01    4141436.41        0.07605                      578605.01
4141436.41        0.08466
         578625.01    4141436.41        0.09513                      578645.01
4141436.41        0.10803
         579025.01    4141436.41       23.47962                      579045.01
4141436.41       25.78846
         579065.01    4141436.41       25.05083                      579085.01
4141436.41       21.22443
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	15.98177	579125.01	4141436.41	11.27810
579145.01	4141436.41	7.82500	579165.01	4141436.41	5.51448
579185.01	4141436.41	4.02080	579205.01	4141436.41	3.04549
579225.01	4141436.41	2.38850	579245.01	4141436.41	1.92782
579265.01	4141436.41	1.59194	579285.01	4141436.41	1.34216
579305.01	4141436.41	1.15036	579325.01	4141436.41	0.99763
578385.01	4141456.41	0.03583	578405.01	4141456.41	0.03809
578425.01	4141456.41	0.04062	578445.01	4141456.41	0.04350
578465.01	4141456.41	0.04672	578485.01	4141456.41	0.05039
578505.01	4141456.41	0.05431	578525.01	4141456.41	0.05921
578545.01	4141456.41	0.06429	578565.01	4141456.41	0.07054
578585.01	4141456.41	0.07792	578605.01	4141456.41	0.08645
578625.01	4141456.41	0.09675	578645.01	4141456.41	0.10940
579045.01	4141456.41	33.74286	579065.01	4141456.41	31.67029
579085.01	4141456.41	24.76749	579105.01	4141456.41	17.05221
579125.01	4141456.41	11.19089	579145.01		

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4141456.41        7.43633
         579165.01    4141456.41        5.14047                    579185.01
4141456.41        3.74085
         579205.01    4141456.41        2.84950                    579225.01
4141456.41        2.25485
         579245.01    4141456.41        1.83177                    579265.01
4141456.41        1.52460
         578385.01    4141476.41        0.03666                    578405.01
4141476.41        0.03903
         578425.01    4141476.41        0.04165                    578445.01
4141476.41        0.04455
         578465.01    4141476.41        0.04787                    578485.01
4141476.41        0.05171
         578505.01    4141476.41        0.05584                    578525.01
4141476.41        0.06099
         578545.01    4141476.41        0.06601                    578565.01
4141476.41        0.07237
         578585.01    4141476.41        0.07982                    578605.01
4141476.41        0.08859
         578625.01    4141476.41        0.09900                    578645.01
4141476.41        0.11172
         579065.01    4141476.41       40.28630                    579085.01
4141476.41       28.22192
         579105.01    4141476.41       17.35024                    579125.01
4141476.41       10.54404
         579145.01    4141476.41        6.80535                    579165.01
4141476.41        4.71692
         579185.01    4141476.41        3.45313                    579205.01
4141476.41        2.66077
         579225.01    4141476.41        2.12760                    578385.01
4141496.41        0.03747
         578405.01    4141496.41        0.03994                    578425.01
4141496.41        0.04264
         578445.01    4141496.41        0.04566                    578465.01
4141496.41        0.04908
         578485.01    4141496.41        0.05304                    578505.01
4141496.41        0.05732
         578525.01    4141496.41        0.06273                    578545.01
4141496.41        0.06793
         578565.01    4141496.41        0.07436                    578585.01
4141496.41        0.08195
         578605.01    4141496.41        0.09086                    578625.01
4141496.41        0.10141
         578645.01    4141496.41        0.11452                    579085.01
4141496.41       30.28587
         579105.01    4141496.41       16.51350                    579125.01
4141496.41        9.46822
         579145.01    4141496.41        6.08537                    579165.01
4141496.41        4.28438
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	3.19722	579205.01	4141496.41	2.49517
578385.01	4141516.41	0.03812	578405.01	4141516.41	0.04074
578425.01	4141516.41	0.04361	578445.01	4141516.41	0.04673
578465.01	4141516.41	0.05028	578485.01	4141516.41	0.05434
578505.01	4141516.41	0.05880	578525.01	4141516.41	0.06451
578545.01	4141516.41	0.06983	578565.01	4141516.41	0.07663
578585.01	4141516.41	0.08442	578605.01	4141516.41	0.09356
578625.01	4141516.41	0.10448	578645.01	4141516.41	0.11789
579085.01	4141516.41	29.11728	579105.01	4141516.41	14.36991
579125.01	4141516.41	8.20619	579145.01	4141516.41	5.40902
579165.01	4141516.41	3.89362	578385.01	4141536.41	0.03882
578405.01	4141536.41	0.04145	578425.01	4141536.41	0.04443
578445.01	4141536.41	0.04778	578465.01	4141536.41	0.05146
578485.01	4141536.41	0.05565	578505.01	4141536.41	0.06026
578525.01	4141536.41	0.06638	578545.01		

4141536.41 0.07172
578565.01 4141536.41 0.07892 578585.01
4141536.41 0.08712
578605.01 4141536.41 0.09659 578625.01
4141536.41 0.10803
578645.01 4141536.41 0.12165 578665.01
4141536.41 0.13819
579105.01 4141536.41 11.45310 579125.01
4141536.41 6.97556
579185.01 4141536.41 2.69597 578385.01
4141556.41 0.03953
578405.01 4141556.41 0.04223 578425.01
4141556.41 0.04526
578445.01 4141556.41 0.04869 578465.01
4141556.41 0.05258
578485.01 4141556.41 0.05689 578505.01
4141556.41 0.06174
578525.01 4141556.41 0.06786 578545.01
4141556.41 0.07361
578565.01 4141556.41 0.08107 578585.01
4141556.41 0.08965
578605.01 4141556.41 0.09983 578625.01
4141556.41 0.11175
578645.01 4141556.41 0.12595 578665.01
4141556.41 0.14298
578685.01 4141556.41 0.16385 579165.01
4141556.41 3.07292
579185.01 4141556.41 2.39266 579205.01
4141556.41 1.91839
578385.01 4141576.41 0.04030 578405.01
4141576.41 0.04307
578425.01 4141576.41 0.04619 578445.01
4141576.41 0.04972
578465.01 4141576.41 0.05364 578485.01
4141576.41 0.05812
578505.01 4141576.41 0.06328 578525.01
4141576.41 0.06959
578545.01 4141576.41 0.07586 578565.01
4141576.41 0.08357
578585.01 4141576.41 0.09254 578605.01
4141576.41 0.10312
578625.01 4141576.41 0.11574 578645.01
4141576.41 0.13110
578665.01 4141576.41 0.14918 578685.01
4141576.41 0.17107
578705.01 4141576.41 0.19828 579145.01
4141576.41 3.33813
579165.01 4141576.41 2.57184 579185.01
4141576.41 2.04531
579205.01 4141576.41 1.66400 579225.01

4141576.41 1.38035

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	1.16183	579265.01	4141576.41	0.99406
578385.01	4141596.41	0.04112	578405.01	4141596.41	0.04405
578425.01	4141596.41	0.04725	578445.01	4141596.41	0.05091
578465.01	4141596.41	0.05500	578485.01	4141596.41	0.05965
578505.01	4141596.41	0.06515	578525.01	4141596.41	0.07160
578545.01	4141596.41	0.07837	578565.01	4141596.41	0.08667
578585.01	4141596.41	0.09616	578605.01	4141596.41	0.10728
578625.01	4141596.41	0.12059	578645.01	4141596.41	0.13672
578665.01	4141596.41	0.15661	578685.01	4141596.41	0.18076
578705.01	4141596.41	0.20965	578725.01	4141596.41	0.24721
578745.01	4141596.41	0.29629	579105.01	4141596.41	4.33754
579145.01	4141596.41	2.57916	579165.01	4141596.41	2.06216
579185.01	4141596.41	1.68339	579205.01	4141596.41	1.39875
579225.01	4141596.41	1.17918	579245.01		

4141596.41 1.00663
579265.01 4141596.41 0.87033 579285.01
4141596.41 0.75472
579305.01 4141596.41 0.66551 579325.01
4141596.41 0.59030
579345.01 4141596.41 0.52839 578385.01
4141616.41 0.04198
578405.01 4141616.41 0.04507 578425.01
4141616.41 0.04852
578445.01 4141616.41 0.05233 578465.01
4141616.41 0.05663
578485.01 4141616.41 0.06153 578505.01
4141616.41 0.06726
578525.01 4141616.41 0.07428 578545.01
4141616.41 0.08128
578565.01 4141616.41 0.09022 578585.01
4141616.41 0.10042
578605.01 4141616.41 0.11249 578625.01
4141616.41 0.12696
578645.01 4141616.41 0.14412 578665.01
4141616.41 0.16549
578685.01 4141616.41 0.19238 578705.01
4141616.41 0.22595
578725.01 4141616.41 0.26753 578745.01
4141616.41 0.32187
579065.01 4141616.41 5.30463 579085.01
4141616.41 3.87300
579105.01 4141616.41 2.98080 579125.01
4141616.41 2.38190
579165.01 4141616.41 1.60698 579185.01
4141616.41 1.35046
579205.01 4141616.41 1.14729 579225.01
4141616.41 0.98528
579245.01 4141616.41 0.85412 579265.01
4141616.41 0.74733
579285.01 4141616.41 0.65363 579305.01
4141616.41 0.58161
579325.01 4141616.41 0.52109 579345.01
4141616.41 0.47038
578385.01 4141636.41 0.04301 578405.01
4141636.41 0.04624
578425.01 4141636.41 0.04986 578445.01
4141636.41 0.05395
578465.01 4141636.41 0.05857 578485.01
4141636.41 0.06373
578505.01 4141636.41 0.06978 578525.01
4141636.41 0.07688
578545.01 4141636.41 0.08477 578565.01
4141636.41 0.09427
578585.01 4141636.41 0.10568 578605.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	0.17770	578685.01	4141636.41	0.20809
578705.01	4141636.41	0.24682	578725.01	4141636.41	0.29469
579045.01	4141636.41	4.60764	579065.01	4141636.41	3.37133
579085.01	4141636.41	2.60214	579105.01	4141636.41	2.08545
579125.01	4141636.41	1.71661	579165.01	4141636.41	1.23396
579185.01	4141636.41	1.06326	579205.01	4141636.41	0.92407
579225.01	4141636.41	0.80846	579245.01	4141636.41	0.71306
579265.01	4141636.41	0.63140	579285.01	4141636.41	0.56155
579305.01	4141636.41	0.50447	579325.01	4141636.41	0.45535
579345.01	4141636.41	0.41333	578385.01	4141656.41	0.04427
578405.01	4141656.41	0.04768	578425.01	4141656.41	0.05143
578445.01	4141656.41	0.05575	578465.01	4141656.41	0.06082
578485.01	4141656.41	0.06640	578505.01		

4141656.41 0.07318
578525.01 4141656.41 0.08047 578545.01
4141656.41 0.08913
578565.01 4141656.41 0.09948 578585.01
4141656.41 0.11182
578605.01 4141656.41 0.12666 578625.01
4141656.41 0.14496
578645.01 4141656.41 0.16678 578665.01
4141656.41 0.19390
578685.01 4141656.41 0.22996 578705.01
4141656.41 0.27347
578725.01 4141656.41 0.33122 579005.01
4141656.41 5.42864
579025.01 4141656.41 3.91700 579045.01
4141656.41 2.89432
579065.01 4141656.41 2.24295 579085.01
4141656.41 1.80095
579105.01 4141656.41 1.48934 579125.01
4141656.41 1.25882
579145.01 4141656.41 1.08403 579185.01
4141656.41 0.83313
579205.01 4141656.41 0.73887 579225.01
4141656.41 0.65863
579245.01 4141656.41 0.59049 579265.01
4141656.41 0.52861
579285.01 4141656.41 0.47726 579305.01
4141656.41 0.43413
579325.01 4141656.41 0.39453 579345.01
4141656.41 0.36051
578385.01 4141676.41 0.04578 578405.01
4141676.41 0.04933
578425.01 4141676.41 0.05333 578445.01
4141676.41 0.05797
578465.01 4141676.41 0.06346 578485.01
4141676.41 0.06955
578505.01 4141676.41 0.07699 578525.01
4141676.41 0.08508
578545.01 4141676.41 0.09470 578565.01
4141676.41 0.10616
578585.01 4141676.41 0.11994 578605.01
4141676.41 0.13649
578625.01 4141676.41 0.15709 578645.01
4141676.41 0.18305
578665.01 4141676.41 0.21558 578685.01
4141676.41 0.25562
578705.01 4141676.41 0.30801 578985.01
4141676.41 4.58818
579005.01 4141676.41 3.40734 579025.01
4141676.41 2.54483
579045.01 4141676.41 1.96478 579065.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.73232	579185.01	4141676.41	0.65588
579205.01	4141676.41	0.59115	579225.01	4141676.41	0.53534
579245.01	4141676.41	0.48666	579265.01	4141676.41	0.44381
579285.01	4141676.41	0.40494	579305.01	4141676.41	0.36957
579325.01	4141676.41	0.34077	579345.01	4141676.41	0.31550
578385.01	4141696.41	0.04749	578405.01	4141696.41	0.05129
578425.01	4141696.41	0.05573	578445.01	4141696.41	0.06094
578465.01	4141696.41	0.06675	578485.01	4141696.41	0.07335
578505.01	4141696.41	0.08149	578525.01	4141696.41	0.09082
578565.01	4141696.41	0.11449	578585.01	4141696.41	0.13012
578605.01	4141696.41	0.14915	578625.01	4141696.41	0.17252
578645.01	4141696.41	0.20281	578665.01		

4141696.41 0.24051
578685.01 4141696.41 0.28784 578945.01
4141696.41 4.88489
578965.01 4141696.41 3.96174 578985.01
4141696.41 3.07397
579005.01 4141696.41 2.33968 579025.01
4141696.41 1.79501
579045.01 4141696.41 1.41887 579065.01
4141696.41 1.16007
579085.01 4141696.41 0.97085 579105.01
4141696.41 0.83036
579125.01 4141696.41 0.72379 579145.01
4141696.41 0.64191
579165.01 4141696.41 0.57636 579185.01
4141696.41 0.52225
579205.01 4141696.41 0.47648 579225.01
4141696.41 0.43672
579245.01 4141696.41 0.40110 579265.01
4141696.41 0.37045
579285.01 4141696.41 0.34243 579305.01
4141696.41 0.31544
579325.01 4141696.41 0.29393 579345.01
4141696.41 0.27369
578385.01 4141716.41 0.04954 578405.01
4141716.41 0.05376
578425.01 4141716.41 0.05871 578445.01
4141716.41 0.06437
578465.01 4141716.41 0.07061 578485.01
4141716.41 0.07795
578505.01 4141716.41 0.08714 578525.01
4141716.41 0.09799
578605.01 4141716.41 0.16426 578625.01
4141716.41 0.19186
578645.01 4141716.41 0.22684 578665.01
4141716.41 0.26979
578685.01 4141716.41 0.32598 578905.01
4141716.41 3.97894
578925.01 4141716.41 3.85064 578945.01
4141716.41 3.36080
578965.01 4141716.41 2.75135 578985.01
4141716.41 2.17570
579005.01 4141716.41 1.69713 579025.01
4141716.41 1.33961
579045.01 4141716.41 1.08185 579065.01
4141716.41 0.89487
579085.01 4141716.41 0.75823 579105.01
4141716.41 0.65407
579125.01 4141716.41 0.57434 579145.01
4141716.41 0.51242
579165.01 4141716.41 0.46320 579185.01

4141716.41 0.42281
579205.01 4141716.41 0.38887 579225.01
4141716.41 0.35948
579245.01 4141716.41 0.33118 579265.01
4141716.41 0.30961
579285.01 4141716.41 0.28904 579305.01
4141716.41 0.26839

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.25165	579345.01	4141716.41	0.23675
578385.01	4141736.41	0.05200	578405.01	4141736.41	0.05678
578425.01	4141736.41	0.06221	578445.01	4141736.41	0.06823
578465.01	4141736.41	0.07517	578485.01	4141736.41	0.08351
578505.01	4141736.41	0.09516	578625.01	4141736.41	0.21417
578645.01	4141736.41	0.25294	578665.01	4141736.41	0.30245
578865.01	4141736.41	2.67343	578885.01	4141736.41	2.96695
578905.01	4141736.41	3.01704	578925.01	4141736.41	2.79867
578945.01	4141736.41	2.41673	578965.01	4141736.41	1.99120
578985.01	4141736.41	1.60633	579005.01	4141736.41	1.28654
579025.01	4141736.41	1.03945	579045.01		

4141736.41 0.85462
579065.01 4141736.41 0.71762 579085.01
4141736.41 0.61336
579105.01 4141736.41 0.53214 579125.01
4141736.41 0.46915
579145.01 4141736.41 0.41990 579165.01
4141736.41 0.38079
579185.01 4141736.41 0.34887 579205.01
4141736.41 0.32238
579225.01 4141736.41 0.29963 579245.01
4141736.41 0.27954
579265.01 4141736.41 0.26063 579285.01
4141736.41 0.24491
579305.01 4141736.41 0.23135 579325.01
4141736.41 0.21792
579345.01 4141736.41 0.20549 578385.01
4141756.41 0.05512
578405.01 4141756.41 0.06033 578425.01
4141756.41 0.06624
578445.01 4141756.41 0.07302 578465.01
4141756.41 0.08086
578485.01 4141756.41 0.09107 578845.01
4141756.41 2.04146
578865.01 4141756.41 2.27446 578885.01
4141756.41 2.37674
578905.01 4141756.41 2.30935 578925.01
4141756.41 2.09208
578945.01 4141756.41 1.79635 578965.01
4141756.41 1.49622
578985.01 4141756.41 1.22743 579005.01
4141756.41 1.00505
579025.01 4141756.41 0.83081 579045.01
4141756.41 0.69701
579065.01 4141756.41 0.59216 579085.01
4141756.41 0.50966
579105.01 4141756.41 0.44442 579125.01
4141756.41 0.39309
579145.01 4141756.41 0.35243 579165.01
4141756.41 0.32000
579185.01 4141756.41 0.29360 579205.01
4141756.41 0.27190
579225.01 4141756.41 0.25343 579245.01
4141756.41 0.23745
579265.01 4141756.41 0.22334 579285.01
4141756.41 0.21017
579305.01 4141756.41 0.19856 579325.01
4141756.41 0.18859
579345.01 4141756.41 0.17878 578385.01
4141776.41 0.05860
578405.01 4141776.41 0.06443 578425.01

4141776.41 0.07078
578445.01 4141776.41 0.07827 578465.01
4141776.41 0.08742
578485.01 4141776.41 0.09905 578825.01
4141776.41 1.59499
578845.01 4141776.41 1.78647 578865.01
4141776.41 1.90285
578885.01 4141776.41 1.90242 578905.01
4141776.41 1.79499

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	1.60305	578945.01	4141776.41	1.37611
578965.01	4141776.41	1.15498	578985.01	4141776.41	0.96453
579005.01	4141776.41	0.80675	579025.01	4141776.41	0.67988
579045.01	4141776.41	0.57881	579065.01	4141776.41	0.49766
579085.01	4141776.41	0.43201	579105.01	4141776.41	0.37881
579125.01	4141776.41	0.33619	579145.01	4141776.41	0.30189
579165.01	4141776.41	0.27427	579185.01	4141776.41	0.25171
579205.01	4141776.41	0.23323	579225.01	4141776.41	0.21763
579245.01	4141776.41	0.20423	579265.01	4141776.41	0.19258
579285.01	4141776.41	0.18220	579305.01		

4141776.41 0.17186
579325.01 4141776.41 0.16426 579345.01
4141776.41 0.15636
578405.01 4141796.41 0.06889 578425.01
4141796.41 0.07604
578445.01 4141796.41 0.08449 578465.01
4141796.41 0.09591
578805.01 4141796.41 1.28381 578825.01
4141796.41 1.42851
578845.01 4141796.41 1.53019 578865.01
4141796.41 1.57753
578885.01 4141796.41 1.53333 578905.01
4141796.41 1.41591
578925.01 4141796.41 1.25443 578945.01
4141796.41 1.08022
578965.01 4141796.41 0.91763 578985.01
4141796.41 0.77726
579005.01 4141796.41 0.66089 579025.01
4141796.41 0.56603
579045.01 4141796.41 0.48853 579065.01
4141796.41 0.42465
579085.01 4141796.41 0.37174 579105.01
4141796.41 0.32794
579125.01 4141796.41 0.29215 579145.01
4141796.41 0.26287
579165.01 4141796.41 0.23897 579185.01
4141796.41 0.21935
579205.01 4141796.41 0.20321 579225.01
4141796.41 0.18962
579245.01 4141796.41 0.17806 579265.01
4141796.41 0.16801
579285.01 4141796.41 0.15891 579305.01
4141796.41 0.15061
579325.01 4141796.41 0.14360 579345.01
4141796.41 0.13711
578445.01 4141816.41 0.09208 578585.01
4141816.41 0.22735
578605.01 4141816.41 0.26468 578665.01
4141816.41 0.42698
578685.01 4141816.41 0.50284 578785.01
4141816.41 1.05584
578805.01 4141816.41 1.17087 578825.01
4141816.41 1.25958
578845.01 4141816.41 1.30619 578865.01
4141816.41 1.30566
578885.01 4141816.41 1.24343 578905.01
4141816.41 1.13396
578925.01 4141816.41 1.00134 578945.01
4141816.41 0.86664
578965.01 4141816.41 0.74395 578985.01

4141816.41 0.63873
  579005.01 4141816.41 0.55105 579025.01
4141816.41 0.47844
  579045.01 4141816.41 0.41778 579065.01
4141816.41 0.36675
  579085.01 4141816.41 0.32359 579105.01
4141816.41 0.28732
  579125.01 4141816.41 0.25703 579145.01
4141816.41 0.23186
  579165.01 4141816.41 0.21104 579185.01
4141816.41 0.19377

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.17946	579225.01	4141816.41	0.16741
579245.01	4141816.41	0.15711	579265.01	4141816.41	0.14745
579285.01	4141816.41	0.14012	579305.01	4141816.41	0.13383
579325.01	4141816.41	0.12742	579345.01	4141816.41	0.12176
578565.01	4141836.41	0.21232	578585.01	4141836.41	0.24436
578605.01	4141836.41	0.28387	578625.01	4141836.41	0.32937
578645.01	4141836.41	0.38237	578665.01	4141836.41	0.44514
578685.01	4141836.41	0.51695	578705.01	4141836.41	0.59832
578725.01	4141836.41	0.68950	578765.01		

```
4141836.41        0.88414
         578785.01    4141836.41        0.97566                    578805.01
4141836.41        1.05170
         578825.01    4141836.41        1.10037                    578845.01
4141836.41        1.11314
         578865.01    4141836.41        1.08782                    578885.01
4141836.41        1.01808
         578905.01    4141836.41        0.92136                    578925.01
4141836.41        0.81352
         578945.01    4141836.41        0.70840                    578965.01
4141836.41        0.61429
         578985.01    4141836.41        0.53385                    579005.01
4141836.41        0.46634
         579025.01    4141836.41        0.40963                    579045.01
4141836.41        0.36145
         579065.01    4141836.41        0.32010                    579085.01
4141836.41        0.28451
         579105.01    4141836.41        0.25414                    579125.01
4141836.41        0.22837
         579145.01    4141836.41        0.20661                    579165.01
4141836.41        0.18837
         579185.01    4141836.41        0.17311                    579205.01
4141836.41        0.16032
         579225.01    4141836.41        0.14951                    579245.01
4141836.41        0.14032
         579265.01    4141836.41        0.13191                    579285.01
4141836.41        0.12510
         579305.01    4141836.41        0.11935                    579325.01
4141836.41        0.11364
         579345.01    4141836.41        0.10917                    578565.01
4141856.41        0.22715
         578585.01    4141856.41        0.26044                    578605.01
4141856.41        0.29951
         578625.01    4141856.41        0.34462                    578645.01
4141856.41        0.39635
         578665.01    4141856.41        0.45541                    578685.01
4141856.41        0.52142
         578705.01    4141856.41        0.59410                    578725.01
4141856.41        0.67188
         578745.01    4141856.41        0.75043                    578765.01
4141856.41        0.82562
         578785.01    4141856.41        0.89064                    578805.01
4141856.41        0.93692
         578825.01    4141856.41        0.95642                    578845.01
4141856.41        0.95042
         578865.01    4141856.41        0.90970                    578885.01
4141856.41        0.84203
         578905.01    4141856.41        0.75891                    578925.01
4141856.41        0.67135
         578945.01    4141856.41        0.58842                    578965.01
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4141856.41 0.51501
  578985.01 4141856.41 0.45252 579005.01
4141856.41 0.39963
  579025.01 4141856.41 0.35452 579045.01
4141856.41 0.31566
  579065.01 4141856.41 0.28176 579085.01
4141856.41 0.25217
  579105.01 4141856.41 0.22655 579125.01
4141856.41 0.20450
  579145.01 4141856.41 0.18562 579165.01
4141856.41 0.16959
  579185.01 4141856.41 0.15606 579205.01
4141856.41 0.14458

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.13481	579245.01	4141856.41	0.12649
579265.01	4141856.41	0.11922	579285.01	4141856.41	0.11305
579305.01	4141856.41	0.10757	579325.01	4141856.41	0.10227
579345.01	4141856.41	0.09836	578545.01	4141876.41	0.21050
578565.01	4141876.41	0.23985	578585.01	4141876.41	0.27323
578605.01	4141876.41	0.31158	578625.01	4141876.41	0.35515
578645.01	4141876.41	0.40424	578665.01	4141876.41	0.45874
578685.01	4141876.41	0.51801	578705.01		

4141876.41 0.58110
578725.01 4141876.41 0.64495 578745.01
4141876.41 0.70655
578765.01 4141876.41 0.76145 578785.01
4141876.41 0.80426
578805.01 4141876.41 0.82912 578825.01
4141876.41 0.83153
578845.01 4141876.41 0.80986 578865.01
4141876.41 0.76473
578885.01 4141876.41 0.70362 578905.01
4141876.41 0.63301
578925.01 4141876.41 0.56179 578945.01
4141876.41 0.49590
578965.01 4141876.41 0.43801 578985.01
4141876.41 0.38836
579005.01 4141876.41 0.34613 579025.01
4141876.41 0.30980
579045.01 4141876.41 0.27801 579065.01
4141876.41 0.24992
579085.01 4141876.41 0.22509 579105.01
4141876.41 0.20334
579125.01 4141876.41 0.18435 579145.01
4141876.41 0.16791
579165.01 4141876.41 0.15377 579185.01
4141876.41 0.14173
579205.01 4141876.41 0.13141 579225.01
4141876.41 0.12255
579245.01 4141876.41 0.11497 579265.01
4141876.41 0.10840
579285.01 4141876.41 0.10268 579305.01
4141876.41 0.09767
579325.01 4141876.41 0.09291 579345.01
4141876.41 0.08928
578545.01 4141896.41 0.22100 578565.01
4141896.41 0.25004
578585.01 4141896.41 0.28296 578605.01
4141896.41 0.32019
578625.01 4141896.41 0.36134 578645.01
4141896.41 0.40661
578665.01 4141896.41 0.45593 578685.01
4141896.41 0.50782
578705.01 4141896.41 0.56009 578725.01
4141896.41 0.61151
578745.01 4141896.41 0.65844 578765.01
4141896.41 0.69659
578785.01 4141896.41 0.72237 578805.01
4141896.41 0.73148
578825.01 4141896.41 0.72213 578845.01
4141896.41 0.69290
578865.01 4141896.41 0.64858 578885.01

4141896.41 0.59369
578905.01 4141896.41 0.53414 578925.01
4141896.41 0.47601
578945.01 4141896.41 0.42307 578965.01
4141896.41 0.37682
578985.01 4141896.41 0.33708 579005.01
4141896.41 0.30286
579025.01 4141896.41 0.27301 579045.01
4141896.41 0.24666
579065.01 4141896.41 0.22317 579085.01
4141896.41 0.20216
579105.01 4141896.41 0.18356 579125.01
4141896.41 0.16712
579145.01 4141896.41 0.15275 579165.01
4141896.41 0.14026

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.12950	579205.01	4141896.41	0.12020
579225.01	4141896.41	0.11217	579245.01	4141896.41	0.10521
579265.01	4141896.41	0.09919	579285.01	4141896.41	0.09392
579305.01	4141896.41	0.08931	579325.01	4141896.41	0.08523
579345.01	4141896.41	0.08158	578565.01	4141916.41	0.25835
578585.01	4141916.41	0.28949	578605.01	4141916.41	0.32478
578625.01	4141916.41	0.36290	578645.01		

4141916.41 0.40401
578665.01 4141916.41 0.44739 578685.01
4141916.41 0.49115
578705.01 4141916.41 0.53409 578725.01
4141916.41 0.57426
578745.01 4141916.41 0.60761 578765.01
4141916.41 0.63275
578785.01 4141916.41 0.64582 578805.01
4141916.41 0.64412
578825.01 4141916.41 0.62716 578845.01
4141916.41 0.59601
578865.01 4141916.41 0.55407 578885.01
4141916.41 0.50562
578905.01 4141916.41 0.45557 578925.01
4141916.41 0.40788
578945.01 4141916.41 0.36493 578965.01
4141916.41 0.32751
578985.01 4141916.41 0.29523 579005.01
4141916.41 0.26717
579025.01 4141916.41 0.24249 579045.01
4141916.41 0.22039
579065.01 4141916.41 0.20048 579085.01
4141916.41 0.18256
579105.01 4141916.41 0.16655 579125.01
4141916.41 0.15226
579145.01 4141916.41 0.13963 579165.01
4141916.41 0.12856
579185.01 4141916.41 0.11894 578386.27
4141125.26 0.03155
578406.27 4141125.26 0.03434 578426.27
4141125.26 0.03741
578446.27 4141125.26 0.04093 578466.27
4141125.26 0.04517
578486.27 4141125.26 0.04998 578506.27
4141125.26 0.05563
578526.27 4141125.26 0.06188 578546.27
4141125.26 0.06922
578566.27 4141125.26 0.07777 578586.27
4141125.26 0.08802
578606.27 4141125.26 0.10231 578626.27
4141125.26 0.11423
578646.27 4141125.26 0.13090 578666.27
4141125.26 0.15327
578686.27 4141125.26 0.17620 578706.27
4141125.26 0.20017
578726.27 4141125.26 0.23169 578746.27
4141125.26 0.27288
578766.27 4141125.26 0.31733 578786.27
4141125.26 0.36928
578806.27 4141125.26 0.43153 578826.27

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4141125.26        0.50300
         578846.27    4141125.26        0.58719                       578866.27
4141125.26        0.68783
         578886.27    4141125.26        0.80901                       578906.27
4141125.26        0.95232
         578926.27    4141125.26        1.11465                       578946.27
4141125.26        1.30153
         578966.27    4141125.26        1.51160                       578986.27
4141125.26        1.74182
         579006.27    4141125.26        1.98529                       579026.27
4141125.26        2.23318
         579046.27    4141125.26        2.46416                       579066.27
4141125.26        2.65974
         579086.27    4141125.26        2.81635                       579106.27
4141125.26        2.92177
         579126.27    4141125.26        2.96488                       579146.27
4141125.26        2.93842
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 277
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         579166.27    4141125.26        2.84530                       579186.27
4141125.26        2.70586
         579206.27    4141125.26        2.53407                       578386.27
4141145.26        0.03103
         578406.27    4141145.26        0.03374                       578426.27
4141145.26        0.03687
         578446.27    4141145.26        0.04027                       578466.27
4141145.26        0.04427
         578486.27    4141145.26        0.04912                       578506.27
4141145.26        0.05459
         578526.27    4141145.26        0.06214                       578546.27
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4141145.26 0.06822
578566.27 4141145.26 0.07684 578586.27
4141145.26 0.08680
578606.27 4141145.26 0.09898 578626.27
4141145.26 0.11563
578646.27 4141145.26 0.13274 578666.27
4141145.26 0.14997
578686.27 4141145.26 0.17353 578706.27
4141145.26 0.20152
578726.27 4141145.26 0.23866 578746.27
4141145.26 0.27847
578766.27 4141145.26 0.32514 578786.27
4141145.26 0.38053
578806.27 4141145.26 0.44685 578826.27
4141145.26 0.52532
578846.27 4141145.26 0.61612 578866.27
4141145.26 0.72717
578886.27 4141145.26 0.85972 578906.27
4141145.26 1.01739
578926.27 4141145.26 1.20265 578946.27
4141145.26 1.41281
578966.27 4141145.26 1.64957 578986.27
4141145.26 1.91173
579006.27 4141145.26 2.18778 579026.27
4141145.26 2.46002
579046.27 4141145.26 2.71190 579066.27
4141145.26 2.93379
579086.27 4141145.26 3.11029 579106.27
4141145.26 3.20993
579126.27 4141145.26 3.23918 579146.27
4141145.26 3.18455
579166.27 4141145.26 3.06062 579186.27
4141145.26 2.88139
579206.27 4141145.26 2.67132 578723.62
4141929.59 0.54616
578743.62 4141929.59 0.57324 578763.62
4141929.59 0.59165
578783.62 4141929.59 0.59874 578803.62
4141929.59 0.59294
578823.62 4141929.59 0.57405 578843.62
4141929.59 0.54349
578863.62 4141929.59 0.50421 578883.62
4141929.59 0.46021
578903.62 4141929.59 0.41548 578923.62
4141929.59 0.37324
578943.62 4141929.59 0.33531 578963.62
4141929.59 0.30223
578983.62 4141929.59 0.27360 579003.62
4141929.59 0.24863
579023.62 4141929.59 0.22650 579043.62

```
4141929.59        0.20662
         579063.62    4141929.59        0.18859                       579083.62
4141929.59        0.17225
         579103.62    4141929.59        0.15753                       579123.62
4141929.59        0.14438
         579143.62    4141929.59        0.13268                       579163.62
4141929.59        0.12235
         579183.62    4141929.59        0.11331                       578725.67
4141942.60        0.52279
         578745.67    4141942.60        0.54342                       578765.67
4141942.60        0.55459
         578785.67    4141942.60        0.55522                       578805.67
4141942.60        0.54444
         578825.67    4141942.60        0.52263                       578845.67
4141942.60        0.49157
         578865.67    4141942.60        0.45415                       578885.67
4141942.60        0.41384
         578905.67    4141942.60        0.37406                       578925.67
4141942.60        0.33705
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 278
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578945.67    4141942.60        0.30410                       578965.67
4141942.60        0.27539
         578985.67    4141942.60        0.25046                       579005.67
4141942.60        0.22856
         579025.67    4141942.60        0.20901                       579045.67
4141942.60        0.19131
         579065.67    4141942.60        0.17518                       579085.67
4141942.60        0.16050
         579105.67    4141942.60        0.14720                       579125.67
```

4141942.60 0.13525
579145.67 4141942.60 0.12460 579165.67
4141942.60 0.11515
579185.67 4141942.60 0.10683 578745.52
4141955.60 0.51163
578765.52 4141955.60 0.51815 578785.52
4141955.60 0.51485
578805.52 4141955.60 0.50155 578825.52
4141955.60 0.47898
578845.52 4141955.60 0.44896 578865.52
4141955.60 0.41405
578885.52 4141955.60 0.37753 578905.52
4141955.60 0.34197
578925.52 4141955.60 0.30914 578945.52
4141955.60 0.28001
578965.52 4141955.60 0.25458 578985.52
4141955.60 0.23241
579005.52 4141955.60 0.21286 579025.52
4141955.60 0.19531
579045.52 4141955.60 0.17933 579065.52
4141955.60 0.16470
579085.52 4141955.60 0.15131 579105.52
4141955.60 0.13913
579125.52 4141955.60 0.12813 579145.52
4141955.60 0.11827
579165.52 4141955.60 0.10949 579185.52
4141955.60 0.10172
578785.22 4141971.34 0.47009 578805.22
4141971.34 0.45486
578825.22 4141971.34 0.43214 578845.22
4141971.34 0.40375
578865.22 4141971.34 0.37182 578885.22
4141971.34 0.33953
578905.22 4141971.34 0.30836 578925.22
4141971.34 0.27983
578945.22 4141971.34 0.25460 578965.22
4141971.34 0.23254
578985.22 4141971.34 0.21319 579005.22
4141971.34 0.19602
579025.22 4141971.34 0.18052 579045.22
4141971.34 0.16634
579065.22 4141971.34 0.15329 579085.22
4141971.34 0.14127
579105.22 4141971.34 0.13028 579125.22
4141971.34 0.12030
579145.22 4141971.34 0.11129 579165.22
4141971.34 0.10325
579185.22 4141971.34 0.09606 578790.01
4141986.40 0.42746
578810.01 4141986.40 0.40976 578830.01

4141986.40 0.38615
578850.01 4141986.40 0.35859 578870.01
4141986.40 0.32951
578890.01 4141986.40 0.30085 578910.01
4141986.40 0.27389
578930.01 4141986.40 0.24959 578950.01
4141986.40 0.22822
578970.01 4141986.40 0.20949 578990.01
4141986.40 0.19295
579010.01 4141986.40 0.17810 579030.01
4141986.40 0.16457
579050.01 4141986.40 0.15210 579070.01
4141986.40 0.14059
579090.01 4141986.40 0.12995 579110.01
4141986.40 0.12018
579130.01 4141986.40 0.11128 579150.01
4141986.40 0.10324
579170.01 4141986.40 0.09601 579190.01
4141986.40 0.08953
578810.54 4142001.46 0.37322 578830.54
4142001.46 0.35043

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.32482	578870.54	4142001.46	0.29860
578890.54	4142001.46	0.27311	578910.54	4142001.46	0.24942
578930.54	4142001.46	0.22817	578950.54	4142001.46	0.20945
578970.54	4142001.46	0.19300	578990.54		

4142001.46 0.17839
  579010.54 4142001.46 0.16520 579030.54 4142001.46 0.15310
  579050.54 4142001.46 0.14190 579070.54 4142001.46 0.13150
  579090.54 4142001.46 0.12187 579110.54 4142001.46 0.11300
  579130.54 4142001.46 0.10487 579150.54 4142001.46 0.09750
  579170.54 4142001.46 0.09084 579190.54 4142001.46 0.08484

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.02504	578405.01	4141176.41	0.02748
578425.01	4141176.41	0.03028	578445.01	4141176.41	0.03346
578465.01	4141176.41	0.03692	578485.01	4141176.41	0.04084
578505.01	4141176.41	0.04532	578525.01	4141176.41	0.05030
578545.01	4141176.41	0.05609	578565.01	4141176.41	0.06258
578585.01	4141176.41	0.07026	578605.01	4141176.41	0.07933
578625.01	4141176.41	0.09004	578645.01	4141176.41	0.10310
578665.01	4141176.41	0.11967	578685.01	4141176.41	0.14055
578705.01	4141176.41	0.16581	578725.01		

4141176.41 0.19645
578745.01 4141176.41 0.23358 578765.01
4141176.41 0.27685
578785.01 4141176.41 0.32820 578805.01
4141176.41 0.38870
578825.01 4141176.41 0.46125 578845.01
4141176.41 0.54903
578865.01 4141176.41 0.65231 578885.01
4141176.41 0.78009
578905.01 4141176.41 0.93900 578925.01
4141176.41 1.14061
578945.01 4141176.41 1.39841 578965.01
4141176.41 1.71511
578985.01 4141176.41 2.09549 579005.01
4141176.41 2.52675
579025.01 4141176.41 2.99925 579045.01
4141176.41 3.47472
579065.01 4141176.41 3.89699 579085.01
4141176.41 4.20140
579105.01 4141176.41 4.35014 579125.01
4141176.41 4.32373
579145.01 4141176.41 4.13185 579165.01
4141176.41 3.80743
579185.01 4141176.41 3.41713 579205.01
4141176.41 2.99855
579225.01 4141176.41 2.60095 578385.01
4141196.41 0.02428
578405.01 4141196.41 0.02657 578425.01
4141196.41 0.02926
578445.01 4141196.41 0.03230 578465.01
4141196.41 0.03577
578485.01 4141196.41 0.03972 578505.01
4141196.41 0.04417
578525.01 4141196.41 0.04925 578545.01
4141196.41 0.05504
578565.01 4141196.41 0.06170 578585.01
4141196.41 0.06938
578605.01 4141196.41 0.07829 578625.01
4141196.41 0.08895
578645.01 4141196.41 0.10227 578665.01
4141196.41 0.11903
578685.01 4141196.41 0.13939 578705.01
4141196.41 0.16466
578725.01 4141196.41 0.19587 578745.01
4141196.41 0.23407
578765.01 4141196.41 0.28036 578785.01
4141196.41 0.33479
578805.01 4141196.41 0.40016 578825.01
4141196.41 0.47827
578845.01 4141196.41 0.57354 578865.01

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4141196.41        0.69018
         578885.01    4141196.41        0.83115                       578905.01
4141196.41        1.00918
         578925.01    4141196.41        1.23752                       578945.01
4141196.41        1.52966
         578965.01    4141196.41        1.89541                       578985.01
4141196.41        2.32591
         579005.01    4141196.41        2.82800                       579025.01
4141196.41        3.37853
         579045.01    4141196.41        3.91397                       579065.01
4141196.41        4.38329
         579085.01    4141196.41        4.69063                       579105.01
4141196.41        4.80605
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 281
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         579125.01    4141196.41        4.71789                       579145.01
4141196.41        4.45221
         579165.01    4141196.41        4.04709                       579185.01
4141196.41        3.57109
         579205.01    4141196.41        3.09360                       579225.01
4141196.41        2.65911
         579245.01    4141196.41        2.28915                       578385.01
4141216.41        0.02375
         578405.01    4141216.41        0.02585                       578425.01
4141216.41        0.02833
         578445.01    4141216.41        0.03123                       578465.01
4141216.41        0.03461
         578485.01    4141216.41        0.03848                       578505.01
4141216.41        0.04286
         578525.01    4141216.41        0.04801                       578545.01
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4141216.41 0.05384
578565.01 4141216.41 0.06054 578585.01
4141216.41 0.06829
578605.01 4141216.41 0.07723 578625.01
4141216.41 0.08803
578645.01 4141216.41 0.10146 578665.01
4141216.41 0.11772
578685.01 4141216.41 0.13810 578705.01
4141216.41 0.16326
578725.01 4141216.41 0.19476 578745.01
4141216.41 0.23408
578765.01 4141216.41 0.28260 578785.01
4141216.41 0.34110
578805.01 4141216.41 0.41092 578825.01
4141216.41 0.49567
578845.01 4141216.41 0.59947 578925.01
4141216.41 1.34473
578945.01 4141216.41 1.67543 578965.01
4141216.41 2.10400
578985.01 4141216.41 2.61313 579005.01
4141216.41 3.19687
579025.01 4141216.41 3.81830 579045.01
4141216.41 4.42484
579065.01 4141216.41 4.93791 579085.01
4141216.41 5.25063
579105.01 4141216.41 5.32276 579125.01
4141216.41 5.16050
579145.01 4141216.41 4.79102 579165.01
4141216.41 4.27779
579185.01 4141216.41 3.71781 579205.01
4141216.41 3.18438
579225.01 4141216.41 2.71931 579245.01
4141216.41 2.32343
578385.01 4141236.41 0.02346 578405.01
4141236.41 0.02542
578425.01 4141236.41 0.02766 578445.01
4141236.41 0.03034
578465.01 4141236.41 0.03352 578485.01
4141236.41 0.03723
578505.01 4141236.41 0.04166 578525.01
4141236.41 0.04672
578545.01 4141236.41 0.05241 578565.01
4141236.41 0.05911
578585.01 4141236.41 0.06696 578605.01
4141236.41 0.07596
578625.01 4141236.41 0.08672 578645.01
4141236.41 0.09997
578665.01 4141236.41 0.11620 578685.01
4141236.41 0.13648
578705.01 4141236.41 0.16175 578725.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	5.63816	579145.01	4141236.41	5.13303
579165.01	4141236.41	4.50818	579185.01	4141236.41	3.85978
579205.01	4141236.41	3.26764	579225.01	4141236.41	2.76921
579245.01	4141236.41	2.34898	578385.01	4141256.41	0.02357
578405.01	4141256.41	0.02529	578425.01	4141256.41	0.02737
578445.01	4141256.41	0.02978	578465.01	4141256.41	0.03267
578485.01	4141256.41	0.03616	578505.01		

4141256.41 0.04042
578525.01 4141256.41 0.04529 578545.01
4141256.41 0.05087
578565.01 4141256.41 0.05750 578585.01
4141256.41 0.06536
578605.01 4141256.41 0.07452 578625.01
4141256.41 0.08517
578645.01 4141256.41 0.09809 578665.01
4141256.41 0.11431
578685.01 4141256.41 0.13437 578705.01
4141256.41 0.15991
578725.01 4141256.41 0.19187 578745.01
4141256.41 0.23244
578765.01 4141256.41 0.28404 578785.01
4141256.41 0.34928
578805.01 4141256.41 0.43098 578965.01
4141256.41 2.61563
578985.01 4141256.41 3.31922 579005.01
4141256.41 4.13966
579025.01 4141256.41 4.96652 579045.01
4141256.41 5.74595
579065.01 4141256.41 6.34238 579085.01
4141256.41 6.64788
579105.01 4141256.41 6.56299 579125.01
4141256.41 6.14458
579145.01 4141256.41 5.49042 579165.01
4141256.41 4.73574
579185.01 4141256.41 3.99846 579205.01
4141256.41 3.34585
579225.01 4141256.41 2.80494 579245.01
4141256.41 2.36356
579265.01 4141256.41 1.99784 578385.01
4141276.41 0.02432
578405.01 4141276.41 0.02559 578425.01
4141276.41 0.02740
578445.01 4141276.41 0.02967 578465.01
4141276.41 0.03226
578485.01 4141276.41 0.03545 578505.01
4141276.41 0.03931
578525.01 4141276.41 0.04395 578545.01
4141276.41 0.04937
578565.01 4141276.41 0.05577 578585.01
4141276.41 0.06352
578605.01 4141276.41 0.07258 578625.01
4141276.41 0.08343
578645.01 4141276.41 0.09620 578665.01
4141276.41 0.11209
578685.01 4141276.41 0.13197 578705.01
4141276.41 0.15725
578725.01 4141276.41 0.18982 578745.01

4141276.41 0.23082
  578765.01 4141276.41 0.28421 578785.01 4141276.41 0.35229
  578985.01 4141276.41 3.77416 579005.01 4141276.41 4.73355
  579025.01 4141276.41 5.73562 579045.01 4141276.41 6.62070
  579065.01 4141276.41 7.27157 579085.01 4141276.41 7.49948
  579105.01 4141276.41 7.29480 579125.01 4141276.41 6.69862
  579145.01 4141276.41 5.86783 579165.01 4141276.41 4.96137
  579185.01 4141276.41 4.11777 579205.01 4141276.41 3.40358
  579225.01 4141276.41 2.82494 579245.01 4141276.41 2.35582

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	1.97438	578385.01	4141296.41	0.02501
578405.01	4141296.41	0.02659	578425.01	4141296.41	0.02797
578445.01	4141296.41	0.02991	578465.01	4141296.41	0.03235
578485.01	4141296.41	0.03525	578505.01	4141296.41	0.03872
578525.01	4141296.41	0.04297	578545.01	4141296.41	0.04807
578565.01	4141296.41	0.05420	578585.01		

4141296.41 0.06159
578605.01 4141296.41 0.07051 578625.01
4141296.41 0.08125
578645.01 4141296.41 0.09417 578665.01
4141296.41 0.10967
578685.01 4141296.41 0.12929 578705.01
4141296.41 0.15433
578725.01 4141296.41 0.18661 578745.01
4141296.41 0.22867
579005.01 4141296.41 5.46340 579025.01
4141296.41 6.64979
579045.01 4141296.41 7.67782 579065.01
4141296.41 8.33419
579085.01 4141296.41 8.50149 579105.01
4141296.41 8.12891
579125.01 4141296.41 7.30178 579145.01
4141296.41 6.23255
579165.01 4141296.41 5.16723 579185.01
4141296.41 4.21397
579205.01 4141296.41 3.43794 579225.01
4141296.41 2.82131
579245.01 4141296.41 2.32263 579265.01
4141296.41 1.92357
579285.01 4141296.41 1.59473 578385.01
4141316.41 0.02627
578405.01 4141316.41 0.02750 578425.01
4141316.41 0.02925
578445.01 4141316.41 0.03084 578465.01
4141316.41 0.03285
578485.01 4141316.41 0.03549 578505.01
4141316.41 0.03869
578525.01 4141316.41 0.04256 578545.01
4141316.41 0.04725
578565.01 4141316.41 0.05300 578585.01
4141316.41 0.06001
578605.01 4141316.41 0.06861 578625.01
4141316.41 0.07902
578645.01 4141316.41 0.09181 578665.01
4141316.41 0.10725
578685.01 4141316.41 0.12644 578705.01
4141316.41 0.15100
578725.01 4141316.41 0.18296 579025.01
4141316.41 7.75479
579045.01 4141316.41 8.93347 579065.01
4141316.41 9.63892
579085.01 4141316.41 9.69706 579105.01
4141316.41 9.07272
579125.01 4141316.41 7.93397 579145.01
4141316.41 6.59582
579165.01 4141316.41 5.34262 579185.01

4141316.41 4.28595
  579205.01 4141316.41 3.44290 579225.01
4141316.41 2.78631
  579245.01 4141316.41 2.27007 579265.01
4141316.41 1.85656
  579285.01 4141316.41 1.52424 578385.01
4141336.41 0.02778
  578405.01 4141336.41 0.02900 578425.01
4141336.41 0.03040
  578445.01 4141336.41 0.03220 578465.01
4141336.41 0.03436
  578485.01 4141336.41 0.03643 578505.01
4141336.41 0.03925
  578525.01 4141336.41 0.04279 578545.01
4141336.41 0.04715
  578565.01 4141336.41 0.05239 578585.01
4141336.41 0.05890
  578605.01 4141336.41 0.06702 578625.01
4141336.41 0.07706

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.08923	578665.01	4141336.41	0.10465
578685.01	4141336.41	0.12341	578705.01	4141336.41	0.14758
579025.01	4141336.41	9.15299	579045.01	4141336.41	10.51379
579065.01	4141336.41	11.24777	579085.01	4141336.41	11.10985
579105.01	4141336.41	10.11765	579125.01		

4141336.41 8.59129
579145.01 4141336.41 6.95341 579165.01
4141336.41 5.48641
579185.01 4141336.41 4.31932 579205.01
4141336.41 3.40960
579225.01 4141336.41 2.72821 579245.01
4141336.41 2.18986
579265.01 4141336.41 1.77087 579285.01
4141336.41 1.45009
578385.01 4141356.41 0.02946 578405.01
4141356.41 0.03079
578425.01 4141356.41 0.03227 578445.01
4141356.41 0.03390
578465.01 4141356.41 0.03580 578485.01
4141356.41 0.03827
578505.01 4141356.41 0.04086 578525.01
4141356.41 0.04383
578545.01 4141356.41 0.04780 578565.01
4141356.41 0.05271
578585.01 4141356.41 0.05864 578605.01
4141356.41 0.06618
578625.01 4141356.41 0.07555 578645.01
4141356.41 0.08720
578665.01 4141356.41 0.10194 578685.01
4141356.41 0.12052
579025.01 4141356.41 10.95776 579045.01
4141356.41 12.53406
579065.01 4141356.41 13.22956 579085.01
4141356.41 12.76717
579105.01 4141356.41 11.26851 579125.01
4141356.41 9.24736
579145.01 4141356.41 7.24498 579165.01
4141356.41 5.56805
579185.01 4141356.41 4.29484 579205.01
4141356.41 3.34076
579225.01 4141356.41 2.62418 579245.01
4141356.41 2.08244
579265.01 4141356.41 1.68004 579285.01
4141356.41 1.38282
579305.01 4141356.41 1.16718 578385.01
4141376.41 0.03111
578405.01 4141376.41 0.03261 578425.01
4141376.41 0.03422
578445.01 4141376.41 0.03600 578465.01
4141376.41 0.03793
578485.01 4141376.41 0.04007 578505.01
4141376.41 0.04273
578525.01 4141376.41 0.04601 578545.01
4141376.41 0.04934
578565.01 4141376.41 0.05392 578585.01

4141376.41 0.05951
  578605.01 4141376.41 0.06644 578625.01
4141376.41 0.07511
  578645.01 4141376.41 0.08606 578665.01
4141376.41 0.10007
  578685.01 4141376.41 0.11796 579005.01
4141376.41 10.82717
  579025.01 4141376.41 13.25921 579045.01
4141376.41 15.07237
  579065.01 4141376.41 15.68057 579085.01
4141376.41 14.72826
  579105.01 4141376.41 12.50239 579125.01
4141376.41 9.83893
  579145.01 4141376.41 7.43781 579165.01
4141376.41 5.57405
  579185.01 4141376.41 4.20593 579205.01
4141376.41 3.21058
  579225.01 4141376.41 2.48925 579245.01
4141376.41 1.96999
  579265.01 4141376.41 1.59811 579285.01
4141376.41 1.33632

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	1.14792	578385.01	4141396.41	0.03261
578405.01	4141396.41	0.03426	578425.01	4141396.41	0.03602
578445.01	4141396.41	0.03798	578465.01	4141396.41	0.04020
578485.01	4141396.41	0.04258	578505.01		

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4141396.41        0.04514
         578525.01    4141396.41        0.04842                    578545.01
4141396.41        0.05178
         578565.01    4141396.41        0.05602                    578585.01
4141396.41        0.06124
         578605.01    4141396.41        0.06774                    578625.01
4141396.41        0.07591
         578645.01    4141396.41        0.08622                    578665.01
4141396.41        0.09932
         579005.01    4141396.41       13.26230                    579025.01
4141396.41       16.26302
         579045.01    4141396.41       18.36318                    579065.01
4141396.41       18.73805
         579085.01    4141396.41       16.99495                    579105.01
4141396.41       13.78293
         579125.01    4141396.41       10.36872                    579145.01
4141396.41        7.54239
         579165.01    4141396.41        5.47643                    579185.01
4141396.41        4.03519
         579205.01    4141396.41        3.03777                    579225.01
4141396.41        2.34632
         579245.01    4141396.41        1.87204                    579265.01
4141396.41        1.54541
         579285.01    4141396.41        1.31574                    579305.01
4141396.41        1.14540
         578385.01    4141416.41        0.03375                    578405.01
4141416.41        0.03561
         578425.01    4141416.41        0.03765                    578445.01
4141416.41        0.03987
         578465.01    4141416.41        0.04229                    578485.01
4141416.41        0.04497
         578505.01    4141416.41        0.04781                    578525.01
4141416.41        0.05107
         578545.01    4141416.41        0.05478                    578565.01
4141416.41        0.05894
         578585.01    4141416.41        0.06403                    578605.01
4141416.41        0.07022
         578625.01    4141416.41        0.07793                    578645.01
4141416.41        0.08760
         578665.01    4141416.41        0.10003                    579025.01
4141416.41       20.31372
         579045.01    4141416.41       22.79142                    579065.01
4141416.41       22.71537
         579085.01    4141416.41       19.72911                    579105.01
4141416.41       15.10480
         579125.01    4141416.41       10.74698                    579145.01
4141416.41        7.46993
         579165.01    4141416.41        5.25473                    579185.01
4141416.41        3.79897
         579205.01    4141416.41        2.84615                    579225.01
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4141416.41        2.22443
         579245.01    4141416.41        1.80920                       579265.01
4141416.41        1.52339
         579285.01    4141416.41        1.31183                       579305.01
4141416.41        1.14975
         578385.01    4141436.41        0.03456                       578405.01
4141436.41        0.03664
         578425.01    4141436.41        0.03891                       578445.01
4141436.41        0.04144
         578465.01    4141436.41        0.04416                       578485.01
4141436.41        0.04715
         578505.01    4141436.41        0.05029                       578525.01
4141436.41        0.05394
         578545.01    4141436.41        0.05790                       578565.01
4141436.41        0.06233
         578585.01    4141436.41        0.06764                       578605.01
4141436.41        0.07384
         578625.01    4141436.41        0.08135                       578645.01
4141436.41        0.09064
         579025.01    4141436.41       25.94367                       579045.01
4141436.41       29.01783
         579065.01    4141436.41       28.10537                       579085.01
4141436.41       22.97122
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 286
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579105.01    4141436.41       16.31165                       579125.01
4141436.41       10.84685
         579145.01    4141436.41        7.19636                       579165.01
4141436.41        4.93122
         579185.01    4141436.41        3.54821                       579205.01
```

4141436.41 2.69532
579225.01 4141436.41 2.15263 579245.01
4141436.41 1.78617
579265.01 4141436.41 1.51955 579285.01
4141436.41 1.31442
579305.01 4141436.41 1.14880 579325.01
4141436.41 1.01011
578385.01 4141456.41 0.03510 578405.01
4141456.41 0.03732
578425.01 4141456.41 0.03977 578445.01
4141456.41 0.04250
578465.01 4141456.41 0.04549 578485.01
4141456.41 0.04883
578505.01 4141456.41 0.05230 578525.01
4141456.41 0.05650
578545.01 4141456.41 0.06075 578565.01
4141456.41 0.06580
578585.01 4141456.41 0.07158 578605.01
4141456.41 0.07808
578625.01 4141456.41 0.08577 578645.01
4141456.41 0.09510
579045.01 4141456.41 38.19864 579065.01
4141456.41 35.57278
579085.01 4141456.41 26.56440 579105.01
4141456.41 17.10010
579125.01 4141456.41 10.54644 579145.01
4141456.41 6.73097
579165.01 4141456.41 4.57998 579185.01
4141456.41 3.35141
579205.01 4141456.41 2.61000 579225.01
4141456.41 2.12667
579245.01 4141456.41 1.77896 579265.01
4141456.41 1.51505
578385.01 4141476.41 0.03546 578405.01
4141476.41 0.03780
578425.01 4141476.41 0.04038 578445.01
4141476.41 0.04321
578465.01 4141476.41 0.04640 578485.01
4141476.41 0.05004
578505.01 4141476.41 0.05390 578525.01
4141476.41 0.05858
578545.01 4141476.41 0.06312 578565.01
4141476.41 0.06867
578585.01 4141476.41 0.07498 578605.01
4141476.41 0.08219
578625.01 4141476.41 0.09050 578645.01
4141476.41 0.10039
579065.01 4141476.41 45.99388 579085.01
4141476.41 30.21039
579105.01 4141476.41 17.16497 579125.01

4141476.41 9.82763
 579145.01 4141476.41 6.18221 579165.01
4141476.41 4.30397
 579185.01 4141476.41 3.23300 579205.01
4141476.41 2.56677
 579225.01 4141476.41 2.10531 578385.01
4141496.41 0.03585
 578405.01 4141496.41 0.03826 578425.01
4141496.41 0.04090
 578445.01 4141496.41 0.04384 578465.01
4141496.41 0.04716
 578485.01 4141496.41 0.05096 578505.01
4141496.41 0.05507
 578525.01 4141496.41 0.06012 578545.01
4141496.41 0.06504
 578565.01 4141496.41 0.07097 578585.01
4141496.41 0.07781
 578605.01 4141496.41 0.08565 578625.01
4141496.41 0.09471
 578645.01 4141496.41 0.10559 579085.01
4141496.41 32.96512
 579105.01 4141496.41 16.33760 579125.01
4141496.41 8.93937
 579145.01 4141496.41 5.73207 579165.01
4141496.41 4.12262

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	3.16036	579205.01	4141496.41	2.51681
578385.01	4141516.41	0.03635	578405.01		

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4141516.41        0.03885
         578425.01    4141516.41        0.04160                    578445.01
4141516.41        0.04460
         578465.01    4141516.41        0.04800                    578485.01
4141516.41        0.05189
         578505.01    4141516.41        0.05616                    578525.01
4141516.41        0.06151
         578545.01    4141516.41        0.06664                    578565.01
4141516.41        0.07304
         578585.01    4141516.41        0.08030                    578605.01
4141516.41        0.08872
         578625.01    4141516.41        0.09859                    578645.01
4141516.41        0.11040
         579085.01    4141516.41       33.68186                    579105.01
4141516.41       14.64465
         579125.01    4141516.41        8.10985                    579145.01
4141516.41        5.40340
         579165.01    4141516.41        3.95186                    578385.01
4141536.41        0.03721
         578405.01    4141536.41        0.03970                    578425.01
4141536.41        0.04251
         578445.01    4141536.41        0.04566                    578465.01
4141536.41        0.04914
         578485.01    4141536.41        0.05310                    578505.01
4141536.41        0.05748
         578525.01    4141536.41        0.06315                    578545.01
4141536.41        0.06831
         578565.01    4141536.41        0.07507                    578585.01
4141536.41        0.08276
         578605.01    4141536.41        0.09163                    578625.01
4141536.41        0.10221
         578645.01    4141536.41        0.11467                    578665.01
4141536.41        0.12955
         579105.01    4141536.41       12.33522                    579125.01
4141536.41        7.29730
         579185.01    4141536.41        2.77734                    578385.01
4141556.41        0.03831
         578405.01    4141556.41        0.04085                    578425.01
4141556.41        0.04368
         578445.01    4141556.41        0.04690                    578465.01
4141556.41        0.05053
         578485.01    4141556.41        0.05457                    578505.01
4141556.41        0.05911
         578525.01    4141556.41        0.06475                    578545.01
4141556.41        0.07021
         578565.01    4141556.41        0.07716                    578585.01
4141556.41        0.08517
         578605.01    4141556.41        0.09462                    578625.01
4141556.41        0.10567
         578645.01    4141556.41        0.11878                    578665.01
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4141556.41        0.13439
         578685.01    4141556.41        0.15331                        579165.01
4141556.41        3.13186
         579185.01    4141556.41        2.41275                        579205.01
4141556.41        1.91879
         578385.01    4141576.41        0.03943                        578405.01
4141576.41        0.04202
         578425.01    4141576.41        0.04494                        578445.01
4141576.41        0.04822
         578465.01    4141576.41        0.05187                        578485.01
4141576.41        0.05603
         578505.01    4141576.41        0.06081                        578525.01
4141576.41        0.06657
         578545.01    4141576.41        0.07242                        578565.01
4141576.41        0.07953
         578585.01    4141576.41        0.08780                        578605.01
4141576.41        0.09753
         578625.01    4141576.41        0.10910                        578645.01
4141576.41        0.12311
         578665.01    4141576.41        0.13959                        578685.01
4141576.41        0.15944
         578705.01    4141576.41        0.18395                        579145.01
4141576.41        3.33939
         579165.01    4141576.41        2.53732                        579185.01
4141576.41        1.99813
         579205.01    4141576.41        1.61448                        579225.01
4141576.41        1.33228
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                   PAGE 288
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP8   ***
                                   INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579245.01    4141576.41        1.11702                        579265.01
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4141576.41        0.95223
         578385.01    4141596.41        0.04025                   578405.01
4141596.41        0.04296
         578425.01    4141596.41        0.04591                   578445.01
4141596.41        0.04929
         578465.01    4141596.41        0.05305                   578485.01
4141596.41        0.05731
         578505.01    4141596.41        0.06231                   578525.01
4141596.41        0.06816
         578545.01    4141596.41        0.07434                   578565.01
4141596.41        0.08186
         578585.01    4141596.41        0.09047                   578605.01
4141596.41        0.10053
         578625.01    4141596.41        0.11255                   578645.01
4141596.41        0.12703
         578665.01    4141596.41        0.14479                   578685.01
4141596.41        0.16628
         578705.01    4141596.41        0.19200                   578725.01
4141596.41        0.22517
         578745.01    4141596.41        0.26823                   579105.01
4141596.41        4.41188
         579145.01    4141596.41        2.49425                   579165.01
4141596.41        1.97070
         579185.01    4141596.41        1.59590                   579205.01
4141596.41        1.31861
         579225.01    4141596.41        1.10716                   579245.01
4141596.41        0.94234
         579265.01    4141596.41        0.81252                   579285.01
4141596.41        0.70377
         579305.01    4141596.41        0.61922                   579325.01
4141596.41        0.54825
         579345.01    4141596.41        0.48976                   578385.01
4141616.41        0.04056
         578405.01    4141616.41        0.04335                   578425.01
4141616.41        0.04645
         578445.01    4141616.41        0.04989                   578465.01
4141616.41        0.05375
         578485.01    4141616.41        0.05814                   578505.01
4141616.41        0.06325
         578525.01    4141616.41        0.06944                   578545.01
4141616.41        0.07571
         578565.01    4141616.41        0.08361                   578585.01
4141616.41        0.09263
         578605.01    4141616.41        0.10330                   578625.01
4141616.41        0.11604
         578645.01    4141616.41        0.13113                   578665.01
4141616.41        0.14982
         578685.01    4141616.41        0.17317                   578705.01
4141616.41        0.20220
         578725.01    4141616.41        0.23818                   578745.01
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4141616.41        0.28503
         579065.01    4141616.41        5.64709                        579085.01
4141616.41        3.90752
         579105.01    4141616.41        2.90959                        579125.01
4141616.41        2.27359
         579165.01    4141616.41        1.49756                        579185.01
4141616.41        1.24991
         579205.01    4141616.41        1.05715                        579225.01
4141616.41        0.90510
         579245.01    4141616.41        0.78297                        579265.01
4141616.41        0.68392
         579285.01    4141616.41        0.59808                        579305.01
4141616.41        0.53138
         579325.01    4141616.41        0.47541                        579345.01
4141616.41        0.42842
         578385.01    4141636.41        0.04050                        578405.01
4141636.41        0.04333
         578425.01    4141636.41        0.04649                        578445.01
4141636.41        0.05006
         578465.01    4141636.41        0.05409                        578485.01
4141636.41        0.05858
         578505.01    4141636.41        0.06382                        578525.01
4141636.41        0.06995
         578545.01    4141636.41        0.07679                        578565.01
4141636.41        0.08498
         578585.01    4141636.41        0.09478                        578605.01
4141636.41        0.10622
         578625.01    4141636.41        0.11975                        578645.01
4141636.41        0.13630
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 289
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP8   ***
                                   INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

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

- -
578665.01 4141636.41 0.15652 578685.01
4141636.41 0.18230
578705.01 4141636.41 0.21500 578725.01
4141636.41 0.25555
579045.01 4141636.41 4.83386 579065.01
4141636.41 3.38796
579085.01 4141636.41 2.52610 579105.01
4141636.41 1.97866
579125.01 4141636.41 1.60490 579165.01
4141636.41 1.13115
579185.01 4141636.41 0.96911 579205.01
4141636.41 0.83891
579225.01 4141636.41 0.73211 579245.01
4141636.41 0.64461
579265.01 4141636.41 0.57038 579285.01
4141636.41 0.50714
579305.01 4141636.41 0.45526 579325.01
4141636.41 0.41066
579345.01 4141636.41 0.37248 578385.01
4141656.41 0.04037
578405.01 4141656.41 0.04327 578425.01
4141656.41 0.04647
578445.01 4141656.41 0.05014 578465.01
4141656.41 0.05444
578485.01 4141656.41 0.05918 578505.01
4141656.41 0.06491
578525.01 4141656.41 0.07110 578545.01
4141656.41 0.07844
578565.01 4141656.41 0.08719 578585.01
4141656.41 0.09762
578605.01 4141656.41 0.11013 578625.01
4141656.41 0.12552
578645.01 4141656.41 0.14387 578665.01
4141656.41 0.16664
578685.01 4141656.41 0.19663 578705.01
4141656.41 0.23308
578725.01 4141656.41 0.28147 579005.01
4141656.41 5.99038
579025.01 4141656.41 4.06457 579045.01
4141656.41 2.89984
579065.01 4141656.41 2.18643 579085.01
4141656.41 1.71289
579105.01 4141656.41 1.39186 579125.01
4141656.41 1.16276
579145.01 4141656.41 0.99226 579185.01
4141656.41 0.75335
579205.01 4141656.41 0.66556 579225.01
4141656.41 0.59176
579245.01 4141656.41 0.52962 579265.01

4141656.41   0.47402
         579285.01   4141656.41   0.42784   579305.01
4141656.41   0.38899
         579325.01   4141656.41   0.35357   579345.01
4141656.41   0.32307
         578385.01   4141676.41   0.04051   578405.01
4141676.41   0.04350
         578425.01   4141676.41   0.04686   578445.01
4141676.41   0.05076
         578465.01   4141676.41   0.05535   578485.01
4141676.41   0.06047
         578505.01   4141676.41   0.06669   578525.01
4141676.41   0.07348
         578545.01   4141676.41   0.08155   578565.01
4141676.41   0.09115
         578585.01   4141676.41   0.10268   578605.01
4141676.41   0.11652
         578625.01   4141676.41   0.13368   578645.01
4141676.41   0.15523
         578665.01   4141676.41   0.18222   578685.01
4141676.41   0.21567
         578705.01   4141676.41   0.25969   578985.01
4141676.41   4.96156
         579005.01   4141676.41   3.50347   579025.01
4141676.41   2.53309
         579045.01   4141676.41   1.92040   579065.01
4141676.41   1.50775
         579085.01   4141676.41   1.22062   579105.01
4141676.41   1.01503
         579125.01   4141676.41   0.86545   579145.01
4141676.41   0.75249

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP8   ***
                                   INCLUDING SOURCE(S):   CONSTR2_1D ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

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

Y-COORD (M)   CONC
 -
- -
         579165.01   4141676.41   0.66364   579185.01
4141676.41   0.59139
         579205.01   4141676.41   0.53103   579225.01
4141676.41   0.47960
         579245.01   4141676.41   0.43519   579265.01
4141676.41   0.39643
         579285.01   4141676.41   0.36164   579305.01
4141676.41   0.33021
         579325.01   4141676.41   0.30443   579345.01
4141676.41   0.28177
         578385.01   4141696.41   0.04116   578405.01
4141696.41   0.04435
         578425.01   4141696.41   0.04807   578445.01
4141696.41   0.05244
         578465.01   4141696.41   0.05731   578485.01
4141696.41   0.06284
         578505.01   4141696.41   0.06963   578525.01
4141696.41   0.07742
         578565.01   4141696.41   0.09716   578585.01
4141696.41   0.11015
         578605.01   4141696.41   0.12596   578625.01
4141696.41   0.14539
         578645.01   4141696.41   0.17051   578665.01
4141696.41   0.20207
         578685.01   4141696.41   0.24234   578945.01
4141696.41   5.44212
         578965.01   4141696.41   4.22652   578985.01
4141696.41   3.14036
         579005.01   4141696.41   2.31231   579025.01
4141696.41   1.74795
         579045.01   4141696.41   1.37155   579065.01
4141696.41   1.10579
         579085.01   4141696.41   0.91094   579105.01
4141696.41   0.76977
         579125.01   4141696.41   0.66515   579145.01
4141696.41   0.58553
         579165.01   4141696.41   0.52247   579185.01
4141696.41   0.47118
         579205.01   4141696.41   0.42810   579225.01
4141696.41   0.39126
         579245.01   4141696.41   0.35872   579265.01
4141696.41   0.33080
         579285.01   4141696.41   0.30555   579305.01
4141696.41   0.28159
         579325.01   4141696.41   0.26224   579345.01
4141696.41   0.24421
         578385.01   4141716.41   0.04251   578405.01

4141716.41 0.04606
  578425.01 4141716.41 0.05021 578445.01
4141716.41 0.05496
  578465.01 4141716.41 0.06020 578485.01
4141716.41 0.06635
  578505.01 4141716.41 0.07398 578525.01
4141716.41 0.08296
  578605.01 4141716.41 0.13798 578625.01
4141716.41 0.16103
  578645.01 4141716.41 0.19062 578665.01
4141716.41 0.22791
  578685.01 4141716.41 0.27816 578905.01
4141716.41 4.59261
  578925.01 4141716.41 4.26886 578945.01
4141716.41 3.56106
  578965.01 4141716.41 2.80749 578985.01
4141716.41 2.14823
  579005.01 4141716.41 1.64390 579025.01
4141716.41 1.29064
  579045.01 4141716.41 1.03886 579065.01
4141716.41 0.85018
  579085.01 4141716.41 0.71034 579105.01
4141716.41 0.60642
  579125.01 4141716.41 0.52848 579145.01
4141716.41 0.46845
  579165.01 4141716.41 0.42096 579185.01
4141716.41 0.38240
  579205.01 4141716.41 0.35012 579225.01
4141716.41 0.32263
  579245.01 4141716.41 0.29695 579265.01
4141716.41 0.27695
  579285.01 4141716.41 0.25824 579305.01
4141716.41 0.23987

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.22480	579345.01	4141716.41	0.21137
578385.01	4141736.41	0.04450	578405.01	4141736.41	0.04852
578425.01	4141736.41	0.05307	578445.01	4141736.41	0.05812
578465.01	4141736.41	0.06393	578485.01	4141736.41	0.07086
578505.01	4141736.41	0.08032	578625.01	4141736.41	0.18062
578645.01	4141736.41	0.21521	578665.01	4141736.41	0.26110
578865.01	4141736.41	3.10589	578885.01	4141736.41	3.41488
578905.01	4141736.41	3.36536	578925.01	4141736.41	2.98351
578945.01	4141736.41	2.47176	578965.01	4141736.41	1.97342
578985.01	4141736.41	1.55370	579005.01	4141736.41	1.23234
579025.01	4141736.41	0.99681	579045.01	4141736.41	0.81822
579065.01	4141736.41	0.67993	579085.01	4141736.41	0.57407
579105.01	4141736.41	0.49375	579125.01	4141736.41	0.43263
579145.01	4141736.41	0.38514	579165.01	4141736.41	0.34742
579185.01	4141736.41	0.31689	579205.01	4141736.41	0.29137
579225.01	4141736.41	0.26981	579245.01	4141736.41	0.25105
579265.01	4141736.41	0.23382	579285.01	4141736.41	0.21938
579305.01	4141736.41	0.20691	579325.01	4141736.41	0.19482
579345.01	4141736.41	0.18376	578385.01	4141756.41	0.04716
578405.01	4141756.41	0.05152	578425.01	4141756.41	0.05644
578445.01	4141756.41	0.06207	578465.01	4141756.41	0.06857
578485.01	4141756.41	0.07691	578845.01	4141756.41	2.35396
578865.01	4141756.41	2.61292	578885.01		

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4141756.41        2.67164
         578905.01    4141756.41        2.49588                        578925.01
4141756.41        2.16110
         578945.01    4141756.41        1.78965                        578965.01
4141756.41        1.45238
         578985.01    4141756.41        1.17328                        579005.01
4141756.41        0.95865
         579025.01    4141756.41        0.79515                        579045.01
4141756.41        0.66532
         579065.01    4141756.41        0.55979                        579085.01
4141756.41        0.47671
         579105.01    4141756.41        0.41280                        579125.01
4141756.41        0.36322
         579145.01    4141756.41        0.32430                        579165.01
4141756.41        0.29320
         579185.01    4141756.41        0.26802                        579205.01
4141756.41        0.24695
         579225.01    4141756.41        0.22927                        579245.01
4141756.41        0.21408
         579265.01    4141756.41        0.20083                        579285.01
4141756.41        0.18875
         579305.01    4141756.41        0.17814                        579325.01
4141756.41        0.16900
         579345.01    4141756.41        0.16023                        578385.01
4141776.41        0.05010
         578405.01    4141776.41        0.05491                        578425.01
4141776.41        0.06017
         578445.01    4141776.41        0.06635                        578465.01
4141776.41        0.07386
         578485.01    4141776.41        0.08333                        578825.01
4141776.41        1.82748
         578845.01    4141776.41        2.04695                        578865.01
4141776.41        2.15028
         578885.01    4141776.41        2.08532                        578905.01
4141776.41        1.88504
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 292
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	1.61347	578945.01	4141776.41	1.34312
578965.01	4141776.41	1.10681	578985.01	4141776.41	0.91680
579005.01	4141776.41	0.76852	579025.01	4141776.41	0.65023
579045.01	4141776.41	0.55179	579065.01	4141776.41	0.46989
579085.01	4141776.41	0.40393	579105.01	4141776.41	0.35213
579125.01	4141776.41	0.31112	579145.01	4141776.41	0.27852
579165.01	4141776.41	0.25220	579185.01	4141776.41	0.23082
579205.01	4141776.41	0.21293	579225.01	4141776.41	0.19792
579245.01	4141776.41	0.18513	579265.01	4141776.41	0.17395
579285.01	4141776.41	0.16417	579305.01	4141776.41	0.15480
579325.01	4141776.41	0.14767	579345.01	4141776.41	0.14053
578405.01	4141796.41	0.05853	578425.01	4141796.41	0.06441
578445.01	4141796.41	0.07137	578465.01	4141796.41	0.08066
578805.01	4141796.41	1.46297	578825.01	4141796.41	1.63081
578845.01	4141796.41	1.73189	578865.01	4141796.41	1.74808
578885.01	4141796.41	1.63926	578905.01	4141796.41	1.44950
578925.01	4141796.41	1.23601	578945.01	4141796.41	1.03823
578965.01	4141796.41	0.87136	578985.01	4141796.41	0.73719
579005.01	4141796.41	0.63027	579025.01	4141796.41	0.54162
579045.01	4141796.41	0.46538	579065.01	4141796.41	0.40062
579085.01	4141796.41	0.34752	579105.01	4141796.41	0.30502
579125.01	4141796.41	0.27073	579145.01		

4141796.41   0.24303
         579165.01   4141796.41   0.22042   579185.01
4141796.41   0.20185
         579205.01   4141796.41   0.18631   579225.01
4141796.41   0.17331
         579245.01   4141796.41   0.16218   579265.01
4141796.41   0.15262
         579285.01   4141796.41   0.14394   579305.01
4141796.41   0.13622
         579325.01   4141796.41   0.12965   579345.01
4141796.41   0.12367
         578445.01   4141816.41   0.07761   578585.01
4141816.41   0.20898
         578605.01   4141816.41   0.25018   578665.01
4141816.41   0.43863
         578685.01   4141816.41   0.52846   578785.01
4141816.41   1.19748
         578805.01   4141816.41   1.33205   578825.01
4141816.41   1.42563
         578845.01   4141816.41   1.45603   578865.01
4141816.41   1.41679
         578885.01   4141816.41   1.29801   578905.01
4141816.41   1.13509
         578925.01   4141816.41   0.96956   578945.01
4141816.41   0.82369
         578965.01   4141816.41   0.70326   578985.01
4141816.41   0.60621
         579005.01   4141816.41   0.52668   579025.01
4141816.41   0.45827
         579045.01   4141816.41   0.39802   579065.01
4141816.41   0.34597
         579085.01   4141816.41   0.30267   579105.01
4141816.41   0.26734
         579125.01   4141816.41   0.23850   579145.01
4141816.41   0.21480
         579165.01   4141816.41   0.19516   579185.01
4141816.41   0.17884

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP8   ***
                                   INCLUDING SOURCE(S):   CONSTR2_1D ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.16513	579225.01	4141816.41	0.15364
579245.01	4141816.41	0.14377	579265.01	4141816.41	0.13479
579285.01	4141816.41	0.12761	579305.01	4141816.41	0.12142
579325.01	4141816.41	0.11546	579345.01	4141816.41	0.11021
578565.01	4141836.41	0.19832	578585.01	4141836.41	0.23458
578605.01	4141836.41	0.28000	578625.01	4141836.41	0.33328
578645.01	4141836.41	0.39577	578665.01	4141836.41	0.46978
578685.01	4141836.41	0.55477	578705.01	4141836.41	0.65188
578725.01	4141836.41	0.76194	578765.01	4141836.41	0.99848
578785.01	4141836.41	1.10615	578805.01	4141836.41	1.18904
578825.01	4141836.41	1.23088	578845.01	4141836.41	1.22035
578865.01	4141836.41	1.15610	578885.01	4141836.41	1.03945
578905.01	4141836.41	0.90450	578925.01	4141836.41	0.77680
578945.01	4141836.41	0.66828	578965.01	4141836.41	0.57989
578985.01	4141836.41	0.50789	579005.01	4141836.41	0.44696
579025.01	4141836.41	0.39287	579045.01	4141836.41	0.34426
579065.01	4141836.41	0.30181	579085.01	4141836.41	0.26610
579105.01	4141836.41	0.23653	579125.01	4141836.41	0.21209
579145.01	4141836.41	0.19176	579165.01	4141836.41	0.17464
579185.01	4141836.41	0.16018	579205.01	4141836.41	0.14795
579225.01	4141836.41	0.13765	579245.01		

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4141836.41        0.12884
         579265.01    4141836.41        0.12099                       579285.01
4141836.41        0.11442
         579305.01    4141836.41        0.10878                       579325.01
4141836.41        0.10344
         579345.01    4141836.41        0.09915                       578565.01
4141856.41        0.22113
         578585.01    4141856.41        0.25997                       578605.01
4141856.41        0.30581
         578625.01    4141856.41        0.35885                       578645.01
4141856.41        0.41957
         578665.01    4141856.41        0.48897                       578685.01
4141856.41        0.56722
         578705.01    4141856.41        0.65451                       578725.01
4141856.41        0.74892
         578745.01    4141856.41        0.84411                       578765.01
4141856.41        0.93297
         578785.01    4141856.41        1.00539                       578805.01
4141856.41        1.04969
         578825.01    4141856.41        1.05552                       578845.01
4141856.41        1.02424
         578865.01    4141856.41        0.94726                       578885.01
4141856.41        0.84245
         578905.01    4141856.41        0.73274                       578925.01
4141856.41        0.63424
         578945.01    4141856.41        0.55291                       578965.01
4141856.41        0.48705
         578985.01    4141856.41        0.43223                       579005.01
4141856.41        0.38428
         579025.01    4141856.41        0.34066                       579045.01
4141856.41        0.30083
         579065.01    4141856.41        0.26576                       579085.01
4141856.41        0.23592
         579105.01    4141856.41        0.21094                       579125.01
4141856.41        0.19009
         579145.01    4141856.41        0.17256                       579165.01
4141856.41        0.15760
         579185.01    4141856.41        0.14475                       579205.01
4141856.41        0.13379
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 294
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.12450	579245.01	4141856.41	0.11650
579265.01	4141856.41	0.10960	579285.01	4141856.41	0.10370
579305.01	4141856.41	0.09844	579325.01	4141856.41	0.09347
579345.01	4141856.41	0.08961	578545.01	4141876.41	0.20752
578565.01	4141876.41	0.24187	578585.01	4141876.41	0.28109
578605.01	4141876.41	0.32596	578625.01	4141876.41	0.37674
578645.01	4141876.41	0.43402	578665.01	4141876.41	0.49818
578685.01	4141876.41	0.56902	578705.01	4141876.41	0.64539
578725.01	4141876.41	0.72273	578745.01	4141876.41	0.79581
578765.01	4141876.41	0.85771	578785.01	4141876.41	0.90116
578805.01	4141876.41	0.91882	578825.01	4141876.41	0.90482
578845.01	4141876.41	0.85743	578865.01	4141876.41	0.78094
578885.01	4141876.41	0.69121	578905.01	4141876.41	0.60280
578925.01	4141876.41	0.52672	578945.01	4141876.41	0.46510
578965.01	4141876.41	0.41509	578985.01	4141876.41	0.37259
579005.01	4141876.41	0.33410	579025.01	4141876.41	0.29821
579045.01	4141876.41	0.26518	579065.01	4141876.41	0.23584
579085.01	4141876.41	0.21066	579105.01	4141876.41	0.18935
579125.01	4141876.41	0.17143	579145.01	4141876.41	0.15624
579165.01	4141876.41	0.14316	579185.01		

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4141876.41        0.13176
         579205.01    4141876.41        0.12194                        579225.01
4141876.41        0.11350
         579245.01    4141876.41        0.10620                        579265.01
4141876.41        0.09992
         579285.01    4141876.41        0.09449                        579305.01
4141876.41        0.08966
         579325.01    4141876.41        0.08518                        579345.01
4141876.41        0.08158
         578545.01    4141896.41        0.22483                        578565.01
4141896.41        0.25884
         578585.01    4141896.41        0.29712                        578605.01
4141896.41        0.34015
         578625.01    4141896.41        0.38780                        578645.01
4141896.41        0.44075
         578665.01    4141896.41        0.49943                        578685.01
4141896.41        0.56207
         578705.01    4141896.41        0.62541                        578725.01
4141896.41        0.68659
         578745.01    4141896.41        0.74006                        578765.01
4141896.41        0.78001
         578785.01    4141896.41        0.80215                        578805.01
4141896.41        0.80109
         578825.01    4141896.41        0.77429                        578845.01
4141896.41        0.72087
         578865.01    4141896.41        0.65025                        578885.01
4141896.41        0.57384
         578905.01    4141896.41        0.50303                        578925.01
4141896.41        0.44414
         578945.01    4141896.41        0.39706                        578965.01
4141896.41        0.35842
         578985.01    4141896.41        0.32455                        579005.01
4141896.41        0.29305
         579025.01    4141896.41        0.26323                        579045.01
4141896.41        0.23553
         579065.01    4141896.41        0.21074                        579085.01
4141896.41        0.18930
         579105.01    4141896.41        0.17099                        579125.01
4141896.41        0.15550
         579145.01    4141896.41        0.14223                        579165.01
4141896.41        0.13074
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 295
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.12064	579205.01	4141896.41	0.11182
579225.01	4141896.41	0.10416	579245.01	4141896.41	0.09753
579265.01	4141896.41	0.09172	579285.01	4141896.41	0.08670
579305.01	4141896.41	0.08222	579325.01	4141896.41	0.07827
579345.01	4141896.41	0.07477	578565.01	4141916.41	0.27203
578585.01	4141916.41	0.30776	578605.01	4141916.41	0.34828
578625.01	4141916.41	0.39260	578645.01	4141916.41	0.44130
578665.01	4141916.41	0.49355	578685.01	4141916.41	0.54657
578705.01	4141916.41	0.59783	578725.01	4141916.41	0.64395
578745.01	4141916.41	0.67951	578765.01	4141916.41	0.70306
578785.01	4141916.41	0.71002	578805.01	4141916.41	0.69675
578825.01	4141916.41	0.66241	578845.01	4141916.41	0.60952
578865.01	4141916.41	0.54602	578885.01	4141916.41	0.48188
578905.01	4141916.41	0.42540	578925.01	4141916.41	0.37968
578945.01	4141916.41	0.34331	578965.01	4141916.41	0.31293
578985.01	4141916.41	0.28542	579005.01	4141916.41	0.25919
579025.01	4141916.41	0.23399	579045.01	4141916.41	0.21051
579065.01	4141916.41	0.18945	579085.01	4141916.41	0.17107
579105.01	4141916.41	0.15525	579125.01		

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4141916.41        0.14174
         579145.01    4141916.41        0.13009                        579165.01
4141916.41        0.11994
         579185.01    4141916.41        0.11097                        578386.27
4141125.26        0.02756
         578406.27    4141125.26        0.03016                        578426.27
4141125.26        0.03295
         578446.27    4141125.26        0.03604                        578466.27
4141125.26        0.03952
         578486.27    4141125.26        0.04337                        578506.27
4141125.26        0.04773
         578526.27    4141125.26        0.05255                        578546.27
4141125.26        0.05810
         578566.27    4141125.26        0.06458                        578586.27
4141125.26        0.07239
         578606.27    4141125.26        0.08202                        578626.27
4141125.26        0.09319
         578646.27    4141125.26        0.10706                        578666.27
4141125.26        0.12414
         578686.27    4141125.26        0.14424                        578706.27
4141125.26        0.16805
         578726.27    4141125.26        0.19630                        578746.27
4141125.26        0.22972
         578766.27    4141125.26        0.26801                        578786.27
4141125.26        0.31186
         578806.27    4141125.26        0.36329                        578826.27
4141125.26        0.42170
         578846.27    4141125.26        0.49019                        578866.27
4141125.26        0.57261
         578886.27    4141125.26        0.67408                        578906.27
4141125.26        0.79923
         578926.27    4141125.26        0.95060                        578946.27
4141125.26        1.13877
         578966.27    4141125.26        1.36968                        578986.27
4141125.26        1.64665
         579006.27    4141125.26        1.96591                        579026.27
4141125.26        2.31626
         579046.27    4141125.26        2.66584                        579066.27
4141125.26        2.97819
         579086.27    4141125.26        3.23242                        579106.27
4141125.26        3.39926
         579126.27    4141125.26        3.45623                        579146.27
4141125.26        3.39334
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***

INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	3.22201	579186.27	4141125.26	2.98107
579206.27	4141125.26	2.70195	578386.27	4141145.26	0.02661
578406.27	4141145.26	0.02921	578426.27	4141145.26	0.03209
578446.27	4141145.26	0.03520	578466.27	4141145.26	0.03867
578486.27	4141145.26	0.04264	578506.27	4141145.26	0.04702
578526.27	4141145.26	0.05201	578546.27	4141145.26	0.05757
578566.27	4141145.26	0.06412	578586.27	4141145.26	0.07171
578606.27	4141145.26	0.08106	578626.27	4141145.26	0.09247
578646.27	4141145.26	0.10621	578666.27	4141145.26	0.12271
578686.27	4141145.26	0.14309	578706.27	4141145.26	0.16778
578726.27	4141145.26	0.19780	578746.27	4141145.26	0.23267
578766.27	4141145.26	0.27305	578786.27	4141145.26	0.32006
578806.27	4141145.26	0.37522	578826.27	4141145.26	0.43961
578846.27	4141145.26	0.51387	578866.27	4141145.26	0.60490
578886.27	4141145.26	0.71593	578906.27	4141145.26	0.85352
578926.27	4141145.26	1.02544	578946.27	4141145.26	1.23710
578966.27	4141145.26	1.49794	578986.27	4141145.26	1.81381
579006.27	4141145.26	2.17683	579026.27		

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4141145.26        2.56497
         579046.27    4141145.26        2.94864                    579066.27
4141145.26        3.30013
         579086.27    4141145.26        3.58254                    579106.27
4141145.26        3.73925
         579126.27    4141145.26        3.77017                    579146.27
4141145.26        3.65919
         579166.27    4141145.26        3.43669                    579186.27
4141145.26        3.13730
         579206.27    4141145.26        2.80851                    578723.62
4141929.59        0.61109
         578743.62    4141929.59        0.63869                    578763.62
4141929.59        0.65416
         578783.62    4141929.59        0.65438                    578803.62
4141929.59        0.63699
         578823.62    4141929.59        0.60151                    578843.62
4141929.59        0.55107
         578863.62    4141929.59        0.49288                    578883.62
4141929.59        0.43585
         578903.62    4141929.59        0.38655                    578923.62
4141929.59        0.34711
         578943.62    4141929.59        0.31581                    578963.62
4141929.59        0.28939
         578983.62    4141929.59        0.26510                    579003.62
4141929.59        0.24159
         579023.62    4141929.59        0.21886                    579043.62
4141929.59        0.19755
         579063.62    4141929.59        0.17835                    579083.62
4141929.59        0.16155
         579103.62    4141929.59        0.14702                    579123.62
4141929.59        0.13449
         579143.62    4141929.59        0.12366                    579163.62
4141929.59        0.11419
         579183.62    4141929.59        0.10580                    578725.67
4141942.60        0.58278
         578745.67    4141942.60        0.60225                    578765.67
4141942.60        0.60903
         578785.67    4141942.60        0.60173                    578805.67
4141942.60        0.57875
         578825.67    4141942.60        0.54061                    578845.67
4141942.60        0.49133
         578865.67    4141942.60        0.43805                    578885.67
4141942.60        0.38833
         578905.67    4141942.60        0.34667                    578925.67
4141942.60        0.31389
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***

INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.28768	578965.67	4141942.60	0.26496
578985.67	4141942.60	0.24349	579005.67	4141942.60	0.22238
579025.67	4141942.60	0.20190	579045.67	4141942.60	0.18277
579065.67	4141942.60	0.16554	579085.67	4141942.60	0.15045
579105.67	4141942.60	0.13739	579125.67	4141942.60	0.12607
579145.67	4141942.60	0.11619	579165.67	4141942.60	0.10752
579185.67	4141942.60	0.09981	578745.52	4141955.60	0.56415
578765.52	4141955.60	0.56571	578785.52	4141955.60	0.55417
578805.52	4141955.60	0.52878	578825.52	4141955.60	0.49071
578845.52	4141955.60	0.44425	578865.52	4141955.60	0.39608
578885.52	4141955.60	0.35225	578905.52	4141955.60	0.31629
578925.52	4141955.60	0.28823	578945.52	4141955.60	0.26565
578965.52	4141955.60	0.24573	578985.52	4141955.60	0.22655
579005.52	4141955.60	0.20745	579025.52	4141955.60	0.18881
579045.52	4141955.60	0.17137	579065.52	4141955.60	0.15566
579085.52	4141955.60	0.14188	579105.52	4141955.60	0.12989
579125.52	4141955.60	0.11947	579145.52		

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4141955.60        0.11033
         579165.52    4141955.60        0.10226                        579185.52
4141955.60        0.09506
         578785.22    4141971.34        0.50183                        578805.22
4141971.34        0.47482
         578825.22    4141971.34        0.43772                        578845.22
4141971.34        0.39494
         578865.22    4141971.34        0.35254                        578885.22
4141971.34        0.31491
         578905.22    4141971.34        0.28480                        578925.22
4141971.34        0.26147
         578945.22    4141971.34        0.24243                        578965.22
4141971.34        0.22526
         578985.22    4141971.34        0.20840                        579005.22
4141971.34        0.19142
         579025.22    4141971.34        0.17475                        579045.22
4141971.34        0.15907
         579065.22    4141971.34        0.14493                        579085.22
4141971.34        0.13251
         579105.22    4141971.34        0.12168                        579125.22
4141971.34        0.11221
         579145.22    4141971.34        0.10387                        579165.22
4141971.34        0.09644
         579185.22    4141971.34        0.08982                        578790.01
4141986.40        0.45028
         578810.01    4141986.40        0.42056                        578830.01
4141986.40        0.38363
         578850.01    4141986.40        0.34451                        578870.01
4141986.40        0.30796
         578890.01    4141986.40        0.27734                        578910.01
4141986.40        0.25355
         578930.01    4141986.40        0.23499                        578950.01
4141986.40        0.21919
         578970.01    4141986.40        0.20424                        578990.01
4141986.40        0.18912
         579010.01    4141986.40        0.17388                        579030.01
4141986.40        0.15900
         579050.01    4141986.40        0.14514                        579070.01
4141986.40        0.13268
         579090.01    4141986.40        0.12175                        579110.01
4141986.40        0.11222
         579130.01    4141986.40        0.10385                        579150.01
4141986.40        0.09641
         579170.01    4141986.40        0.08973                        579190.01
4141986.40        0.08377
         578810.54    4142001.46        0.37875                        578830.54
4142001.46        0.34410
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.30894	578870.54	4142001.46	0.27717
578890.54	4142001.46	0.25129	578910.54	4142001.46	0.23136
578930.54	4142001.46	0.21570	578950.54	4142001.46	0.20207
578970.54	4142001.46	0.18882	578990.54	4142001.46	0.17522
579010.54	4142001.46	0.16140	579030.54	4142001.46	0.14796
579050.54	4142001.46	0.13541	579070.54	4142001.46	0.12414
579090.54	4142001.46	0.11422	579110.54	4142001.46	0.10555
579130.54	4142001.46	0.09792	579150.54	4142001.46	0.09108
579170.54	4142001.46	0.08494	579190.54	4142001.46	0.07941

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.05063	578405.01	4141176.41	0.05615
578425.01	4141176.41	0.06267	578445.01	4141176.41	0.07045
578465.01	4141176.41	0.07916	578485.01	4141176.41	0.08956
578505.01	4141176.41	0.10219	578525.01	4141176.41	0.11672
578545.01	4141176.41	0.13648	578565.01	4141176.41	0.15399
578585.01	4141176.41	0.18006	578605.01	4141176.41	0.20761
578625.01	4141176.41	0.23617	578645.01	4141176.41	0.27261
578665.01	4141176.41	0.31642	578685.01	4141176.41	0.37366
578705.01	4141176.41	0.43502	578725.01	4141176.41	0.50699
578745.01	4141176.41	0.59274	578765.01	4141176.41	0.69134
578785.01	4141176.41	0.80823	578805.01	4141176.41	0.94471
578825.01	4141176.41	1.10500	578845.01	4141176.41	1.29016
578865.01	4141176.41	1.49027	578885.01	4141176.41	1.70960
578905.01	4141176.41	1.93846	578925.01	4141176.41	2.16855
578945.01	4141176.41	2.38807	578965.01	4141176.41	2.57418
578985.01	4141176.41	2.71645	579005.01	4141176.41	2.80176
579025.01	4141176.41	2.83235	579045.01	4141176.41	2.80606
579065.01	4141176.41	2.72502	579085.01	4141176.41	2.59489
579105.01	4141176.41	2.43089	579125.01	4141176.41	2.24592
579145.01	4141176.41	2.05119	579165.01	4141176.41	1.85420
579185.01	4141176.41	1.66987	579205.01		

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4141176.41        1.49526
         579225.01    4141176.41        1.33646                        578385.01
4141196.41        0.04984
         578405.01    4141196.41        0.05527                        578425.01
4141196.41        0.06172
         578445.01    4141196.41        0.06919                        578465.01
4141196.41        0.07803
         578485.01    4141196.41        0.08854                        578505.01
4141196.41        0.10095
         578525.01    4141196.41        0.11583                        578545.01
4141196.41        0.13576
         578565.01    4141196.41        0.15657                        578585.01
4141196.41        0.18092
         578605.01    4141196.41        0.20910                        578625.01
4141196.41        0.23900
         578645.01    4141196.41        0.28226                        578665.01
4141196.41        0.33045
         578685.01    4141196.41        0.38595                        578705.01
4141196.41        0.45147
         578725.01    4141196.41        0.52906                        578745.01
4141196.41        0.62151
         578765.01    4141196.41        0.73193                        578785.01
4141196.41        0.86001
         578805.01    4141196.41        1.01216                        578825.01
4141196.41        1.18906
         578845.01    4141196.41        1.39460                        578865.01
4141196.41        1.62598
         578885.01    4141196.41        1.87109                        578905.01
4141196.41        2.12952
         578925.01    4141196.41        2.38934                        578945.01
4141196.41        2.63230
         578965.01    4141196.41        2.83816                        578985.01
4141196.41        2.98254
         579005.01    4141196.41        3.06792                        579025.01
4141196.41        3.08889
         579045.01    4141196.41        3.03763                        579065.01
4141196.41        2.92803
         579085.01    4141196.41        2.76097                        579105.01
4141196.41        2.55992
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 300
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP9   ***
                                    INCLUDING SOURCE(S):     CONSTR3_1   ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	2.34224	579145.01	4141196.41	2.12342
579165.01	4141196.41	1.90662	579185.01	4141196.41	1.70005
579205.01	4141196.41	1.51190	579225.01	4141196.41	1.34424
579245.01	4141196.41	1.19728	578385.01	4141216.41	0.04904
578405.01	4141216.41	0.05439	578425.01	4141216.41	0.06067
578445.01	4141216.41	0.06805	578465.01	4141216.41	0.07683
578485.01	4141216.41	0.08724	578505.01	4141216.41	0.09950
578525.01	4141216.41	0.11465	578545.01	4141216.41	0.13487
578565.01	4141216.41	0.15617	578585.01	4141216.41	0.18137
578605.01	4141216.41	0.21065	578625.01	4141216.41	0.24583
578645.01	4141216.41	0.28863	578665.01	4141216.41	0.33860
578685.01	4141216.41	0.39836	578705.01	4141216.41	0.46831
578725.01	4141216.41	0.55185	578745.01	4141216.41	0.65256
578765.01	4141216.41	0.77414	578785.01	4141216.41	0.91807
578805.01	4141216.41	1.08630	578825.01	4141216.41	1.28446
578845.01	4141216.41	1.51446	578925.01	4141216.41	2.64107
578945.01	4141216.41	2.90893	578965.01	4141216.41	3.14073
578985.01	4141216.41	3.29777	579005.01	4141216.41	3.37609
579025.01	4141216.41	3.37065	579045.01	4141216.41	3.28845
579065.01	4141216.41	3.14050	579085.01		

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4141216.41        2.93339
         579105.01    4141216.41        2.69203                       579125.01
4141216.41        2.44159
         579145.01    4141216.41        2.19167                       579165.01
4141216.41        1.94783
         579185.01    4141216.41        1.72382                       579205.01
4141216.41        1.52478
         579225.01    4141216.41        1.35124                       579245.01
4141216.41        1.19631
         578385.01    4141236.41        0.04811                       578405.01
4141236.41        0.05352
         578425.01    4141236.41        0.05964                       578445.01
4141236.41        0.06690
         578465.01    4141236.41        0.07552                       578485.01
4141236.41        0.08578
         578505.01    4141236.41        0.09847                       578525.01
4141236.41        0.11576
         578545.01    4141236.41        0.13356                       578565.01
4141236.41        0.15519
         578585.01    4141236.41        0.18132                       578605.01
4141236.41        0.21178
         578625.01    4141236.41        0.24836                       578645.01
4141236.41        0.29299
         578665.01    4141236.41        0.34621                       578685.01
4141236.41        0.41015
         578705.01    4141236.41        0.48595                       578725.01
4141236.41        0.57670
         578745.01    4141236.41        0.68555                       578765.01
4141236.41        0.81809
         578785.01    4141236.41        0.98043                       578805.01
4141236.41        1.16919
         578825.01    4141236.41        1.39317                       578945.01
4141236.41        3.23551
         578965.01    4141236.41        3.48040                       578985.01
4141236.41        3.65460
         579005.01    4141236.41        3.71905                       579025.01
4141236.41        3.68539
         579045.01    4141236.41        3.56087                       579065.01
4141236.41        3.36133
         579085.01    4141236.41        3.11254                       579105.01
4141236.41        2.82832
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 301
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	2.53493	579145.01	4141236.41	2.24798
579165.01	4141236.41	1.98276	579185.01	4141236.41	1.74272
579205.01	4141236.41	1.53230	579225.01	4141236.41	1.35169
579245.01	4141236.41	1.19041	578385.01	4141256.41	0.04724
578405.01	4141256.41	0.05251	578425.01	4141256.41	0.05869
578445.01	4141256.41	0.06578	578465.01	4141256.41	0.07418
578485.01	4141256.41	0.08434	578505.01	4141256.41	0.09695
578525.01	4141256.41	0.11400	578545.01	4141256.41	0.13187
578565.01	4141256.41	0.15380	578585.01	4141256.41	0.18061
578605.01	4141256.41	0.21265	578625.01	4141256.41	0.25040
578645.01	4141256.41	0.29619	578665.01	4141256.41	0.35285
578685.01	4141256.41	0.42073	578705.01	4141256.41	0.50365
578725.01	4141256.41	0.60217	578745.01	4141256.41	0.72129
578765.01	4141256.41	0.86693	578785.01	4141256.41	1.04572
578805.01	4141256.41	1.26322	578965.01	4141256.41	3.88055
578985.01	4141256.41	4.05080	579005.01	4141256.41	4.10967
579025.01	4141256.41	4.03390	579045.01	4141256.41	3.85840
579065.01	4141256.41	3.60136	579085.01	4141256.41	3.29574
579105.01	4141256.41	2.95493	579125.01		

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4141256.41        2.61672
         579145.01    4141256.41        2.29834                      579165.01
4141256.41        2.01079
         579185.01    4141256.41        1.75750                      579205.01
4141256.41        1.53576
         579225.01    4141256.41        1.34472                      579245.01
4141256.41        1.18008
         579265.01    4141256.41        1.03738                      578385.01
4141276.41        0.04781
         578405.01    4141276.41        0.05154                      578425.01
4141276.41        0.05752
         578445.01    4141276.41        0.06470                      578465.01
4141276.41        0.07294
         578485.01    4141276.41        0.08294                      578505.01
4141276.41        0.09499
         578525.01    4141276.41        0.10979                      578545.01
4141276.41        0.12993
         578565.01    4141276.41        0.15180                      578585.01
4141276.41        0.17908
         578605.01    4141276.41        0.21187                      578625.01
4141276.41        0.25197
         578645.01    4141276.41        0.29964                      578665.01
4141276.41        0.35862
         578685.01    4141276.41        0.43085                      578705.01
4141276.41        0.51959
         578725.01    4141276.41        0.62888                      578745.01
4141276.41        0.75930
         578765.01    4141276.41        0.92188                      578785.01
4141276.41        1.12120
         578985.01    4141276.41        4.51296                      579005.01
4141276.41        4.54093
         579025.01    4141276.41        4.42803                      579045.01
4141276.41        4.18444
         579065.01    4141276.41        3.85969                      579085.01
4141276.41        3.47242
         579105.01    4141276.41        3.07655                      579125.01
4141276.41        2.69346
         579145.01    4141276.41        2.34482                      579165.01
4141276.41        2.03292
         579185.01    4141276.41        1.76166                      579205.01
4141276.41        1.52923
         579225.01    4141276.41        1.33140                      579245.01
4141276.41        1.16238
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                  PAGE 302
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	1.02052	578385.01	4141296.41	0.04571
578405.01	4141296.41	0.05223	578425.01	4141296.41	0.05648
578445.01	4141296.41	0.06335	578465.01	4141296.41	0.07168
578485.01	4141296.41	0.08156	578505.01	4141296.41	0.09334
578525.01	4141296.41	0.10775	578545.01	4141296.41	0.12774
578565.01	4141296.41	0.14963	578585.01	4141296.41	0.17671
578605.01	4141296.41	0.21032	578625.01	4141296.41	0.25188
578645.01	4141296.41	0.30268	578665.01	4141296.41	0.36386
578685.01	4141296.41	0.44048	578705.01	4141296.41	0.53570
578725.01	4141296.41	0.65370	578745.01	4141296.41	0.80019
579005.01	4141296.41	5.03451	579025.01	4141296.41	4.85696
579045.01	4141296.41	4.53442	579065.01	4141296.41	4.10972
579085.01	4141296.41	3.64914	579105.01	4141296.41	3.19391
579125.01	4141296.41	2.76356	579145.01	4141296.41	2.37395
579165.01	4141296.41	2.04271	579185.01	4141296.41	1.75518
579205.01	4141296.41	1.51362	579225.01	4141296.41	1.31098
579245.01	4141296.41	1.13888	579265.01	4141296.41	0.99759
579285.01	4141296.41	0.87777	578385.01		

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4141316.41        0.04506
         578405.01    4141316.41        0.04981                    578425.01
4141316.41        0.05730
         578445.01    4141316.41        0.06238                    578465.01
4141316.41        0.07009
         578485.01    4141316.41        0.07979                    578505.01
4141316.41        0.09338
         578525.01    4141316.41        0.10785                    578545.01
4141316.41        0.12544
         578565.01    4141316.41        0.14728                    578585.01
4141316.41        0.17435
         578605.01    4141316.41        0.20843                    578625.01
4141316.41        0.25081
         578645.01    4141316.41        0.30398                    578665.01
4141316.41        0.36901
         578685.01    4141316.41        0.44970                    578705.01
4141316.41        0.55126
         578725.01    4141316.41        0.67918                    579025.01
4141316.41        5.32361
         579045.01    4141316.41        4.89410                    579065.01
4141316.41        4.37156
         579085.01    4141316.41        3.82655                    579105.01
4141316.41        3.30174
         579125.01    4141316.41        2.81724                    579145.01
4141316.41        2.39271
         579165.01    4141316.41        2.03832                    579185.01
4141316.41        1.73999
         579205.01    4141316.41        1.48969                    579225.01
4141316.41        1.28377
         579245.01    4141316.41        1.11508                    579265.01
4141316.41        0.97484
         579285.01    4141316.41        0.85608                    578385.01
4141336.41        0.04459
         578405.01    4141336.41        0.04912                    578425.01
4141336.41        0.05453
         578445.01    4141336.41        0.06268                    578465.01
4141336.41        0.07111
         578485.01    4141336.41        0.07820                    578505.01
4141336.41        0.08944
         578525.01    4141336.41        0.10554                    578545.01
4141336.41        0.12318
         578565.01    4141336.41        0.14458                    578585.01
4141336.41        0.17151
         578605.01    4141336.41        0.20571                    578625.01
4141336.41        0.24906
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.30293	578665.01	4141336.41	0.37241
578685.01	4141336.41	0.45774	578705.01	4141336.41	0.56685
579025.01	4141336.41	5.84351	579045.01	4141336.41	5.27996
579065.01	4141336.41	4.63903	579085.01	4141336.41	3.99307
579105.01	4141336.41	3.38822	579125.01	4141336.41	2.85374
579145.01	4141336.41	2.40175	579165.01	4141336.41	2.02285
579185.01	4141336.41	1.71447	579205.01	4141336.41	1.45836
579225.01	4141336.41	1.25679	579245.01	4141336.41	1.08840
579265.01	4141336.41	0.94912	579285.01	4141336.41	0.83340
578385.01	4141356.41	0.04440	578405.01	4141356.41	0.04885
578425.01	4141356.41	0.05415	578445.01	4141356.41	0.06030
578465.01	4141356.41	0.06777	578485.01	4141356.41	0.07914
578505.01	4141356.41	0.09018	578525.01	4141356.41	0.10324
578545.01	4141356.41	0.12044	578565.01	4141356.41	0.14200
578585.01	4141356.41	0.16848	578605.01	4141356.41	0.20263
578625.01	4141356.41	0.24600	578645.01	4141356.41	0.30129
578665.01	4141356.41	0.37281	578685.01		

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4141356.41        0.46451
         579025.01    4141356.41        6.42278                      579045.01
4141356.41        5.68992
         579065.01    4141356.41        4.89732                      579085.01
4141356.41        4.13384
         579105.01    4141356.41        3.44871                      579125.01
4141356.41        2.86656
         579145.01    4141356.41        2.38494                      579165.01
4141356.41        1.99111
         579185.01    4141356.41        1.67744                      579205.01
4141356.41        1.42516
         579225.01    4141356.41        1.22234                      579245.01
4141356.41        1.05681
         579265.01    4141356.41        0.92176                      579285.01
4141356.41        0.80903
         579305.01    4141356.41        0.71562                      578385.01
4141376.41        0.04440
         578405.01    4141376.41        0.04988                      578425.01
4141376.41        0.05503
         578445.01    4141376.41        0.06120                      578465.01
4141376.41        0.06844
         578485.01    4141376.41        0.07706                      578505.01
4141376.41        0.08806
         578525.01    4141376.41        0.10213                      578545.01
4141376.41        0.11767
         578565.01    4141376.41        0.13884                      578585.01
4141376.41        0.16548
         578605.01    4141376.41        0.19929                      578625.01
4141376.41        0.24263
         578645.01    4141376.41        0.29875                      578665.01
4141376.41        0.37239
         578685.01    4141376.41        0.46870                      579005.01
4141376.41        7.83194
         579025.01    4141376.41        7.04004                      579045.01
4141376.41        6.08900
         579065.01    4141376.41        5.12632                      579085.01
4141376.41        4.24165
         579105.01    4141376.41        3.47256                      579125.01
4141376.41        2.84376
         579145.01    4141376.41        2.34253                      579165.01
4141376.41        1.94674
         579185.01    4141376.41        1.63302                      579205.01
4141376.41        1.38332
         579225.01    4141376.41        1.18432                      579245.01
4141376.41        1.02396
         579265.01    4141376.41        0.89211                      579285.01
4141376.41        0.78498
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.69650	578385.01	4141396.41	0.04564
578405.01	4141396.41	0.04982	578425.01	4141396.41	0.05469
578445.01	4141396.41	0.06059	578465.01	4141396.41	0.06785
578485.01	4141396.41	0.07638	578505.01	4141396.41	0.08649
578525.01	4141396.41	0.09996	578545.01	4141396.41	0.11529
578565.01	4141396.41	0.13536	578585.01	4141396.41	0.16120
578605.01	4141396.41	0.19466	578625.01	4141396.41	0.23826
578645.01	4141396.41	0.29526	578665.01	4141396.41	0.37014
579005.01	4141396.41	8.77745	579025.01	4141396.41	7.68473
579045.01	4141396.41	6.46493	579065.01	4141396.41	5.30005
579085.01	4141396.41	4.28758	579105.01	4141396.41	3.45473
579125.01	4141396.41	2.80126	579145.01	4141396.41	2.28975
579165.01	4141396.41	1.89035	579185.01	4141396.41	1.57983
579205.01	4141396.41	1.33734	579225.01	4141396.41	1.14417
579245.01	4141396.41	0.98942	579265.01	4141396.41	0.86416
579285.01	4141396.41	0.76251	579305.01		

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4141396.41        0.67844
         578385.01    4141416.41        0.04593                    578405.01
4141416.41        0.04997
         578425.01    4141416.41        0.05478                    578445.01
4141416.41        0.06051
         578465.01    4141416.41        0.06735                    578485.01
4141416.41        0.07568
         578505.01    4141416.41        0.08549                    578525.01
4141416.41        0.09781
         578545.01    4141416.41        0.11320                    578565.01
4141416.41        0.13217
         578585.01    4141416.41        0.15703                    578605.01
4141416.41        0.18944
         578625.01    4141416.41        0.23227                    578645.01
4141416.41        0.28901
         578665.01    4141416.41        0.36550                    579025.01
4141416.41        8.34192
         579045.01    4141416.41        6.80182                    579065.01
4141416.41        5.42001
         579085.01    4141416.41        4.29626                    579105.01
4141416.41        3.40883
         579125.01    4141416.41        2.73396                    579145.01
4141416.41        2.21707
         579165.01    4141416.41        1.82305                    579185.01
4141416.41        1.52059
         579205.01    4141416.41        1.28580                    579225.01
4141416.41        1.10230
         579245.01    4141416.41        0.95544                    579265.01
4141416.41        0.83783
         579285.01    4141416.41        0.74073                    579305.01
4141416.41        0.66217
         578385.01    4141436.41        0.04651                    578405.01
4141436.41        0.05050
         578425.01    4141436.41        0.05519                    578445.01
4141436.41        0.06085
         578465.01    4141436.41        0.06750                    578485.01
4141436.41        0.07549
         578505.01    4141436.41        0.08480                    578525.01
4141436.41        0.09680
         578545.01    4141436.41        0.11133                    578565.01
4141436.41        0.12956
         578585.01    4141436.41        0.15360                    578605.01
4141436.41        0.18475
         578625.01    4141436.41        0.22619                    578645.01
4141436.41        0.28200
         579025.01    4141436.41        8.97150                    579045.01
4141436.41        7.07586
         579065.01    4141436.41        5.48396                    579085.01
4141436.41        4.25480
1 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	3.32462	579125.01	4141436.41	2.63974
579145.01	4141436.41	2.13137	579165.01	4141436.41	1.74886
579185.01	4141436.41	1.45898	579205.01	4141436.41	1.23659
579225.01	4141436.41	1.06318	579245.01	4141436.41	0.92540
579265.01	4141436.41	0.81367	579285.01	4141436.41	0.72284
579305.01	4141436.41	0.64770	579325.01	4141436.41	0.58390
578385.01	4141456.41	0.04743	578405.01	4141456.41	0.05135
578425.01	4141456.41	0.05593	578445.01	4141456.41	0.06140
578465.01	4141456.41	0.06785	578485.01	4141456.41	0.07567
578505.01	4141456.41	0.08457	578525.01	4141456.41	0.09647
578545.01	4141456.41	0.10996	578565.01	4141456.41	0.12789
578585.01	4141456.41	0.15108	578605.01	4141456.41	0.18078
578625.01	4141456.41	0.22049	578645.01	4141456.41	0.27472
579045.01	4141456.41	7.23618	579065.01	4141456.41	5.46039
579085.01	4141456.41	4.13898	579105.01		

4141456.41 3.19439
579125.01 4141456.41 2.52220 579145.01
4141456.41 2.03499
579165.01 4141456.41 1.67182 579185.01
4141456.41 1.39940
579205.01 4141456.41 1.19083 579225.01
4141456.41 1.02869
579245.01 4141456.41 0.89805 579265.01
4141456.41 0.79292
578385.01 4141476.41 0.04855 578405.01
4141476.41 0.05252
578425.01 4141476.41 0.05708 578445.01
4141476.41 0.06234
578465.01 4141476.41 0.06866 578485.01
4141476.41 0.07638
578505.01 4141476.41 0.08520 578525.01
4141476.41 0.09695
578545.01 4141476.41 0.10944 578565.01
4141476.41 0.12651
578585.01 4141476.41 0.14844 578605.01
4141476.41 0.17708
578625.01 4141476.41 0.21517 578645.01
4141476.41 0.26763
579065.01 4141476.41 5.30161 579085.01
4141476.41 3.96443
579105.01 4141476.41 3.03357 579125.01
4141476.41 2.38799
579145.01 4141476.41 1.93201 579165.01
4141476.41 1.59791
579185.01 4141476.41 1.34194 579205.01
4141476.41 1.14756
579225.01 4141476.41 0.99591 578385.01
4141496.41 0.04985
578405.01 4141496.41 0.05391 578425.01
4141496.41 0.05849
578445.01 4141496.41 0.06379 578465.01
4141496.41 0.07006
578485.01 4141496.41 0.07766 578505.01
4141496.41 0.08632
578525.01 4141496.41 0.09795 578545.01
4141496.41 0.11002
578565.01 4141496.41 0.12611 578585.01
4141496.41 0.14686
578605.01 4141496.41 0.17383 578625.01
4141496.41 0.20972
578645.01 4141496.41 0.26017 579085.01
4141496.41 3.73598
579105.01 4141496.41 2.86020 579125.01
4141496.41 2.25642
579145.01 4141496.41 1.83442 579165.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	1.29146	579205.01	4141496.41	1.10988
578385.01	4141516.41	0.05106	578405.01	4141516.41	0.05533
578425.01	4141516.41	0.06014	578445.01	4141516.41	0.06551
578465.01	4141516.41	0.07184	578485.01	4141516.41	0.07939
578505.01	4141516.41	0.08806	578525.01	4141516.41	0.09978
578545.01	4141516.41	0.11141	578565.01	4141516.41	0.12730
578585.01	4141516.41	0.14708	578605.01	4141516.41	0.17260
578625.01	4141516.41	0.20669	578645.01	4141516.41	0.25414
579085.01	4141516.41	3.47617	579105.01	4141516.41	2.68411
579125.01	4141516.41	2.13520	579145.01	4141516.41	1.74724
579165.01	4141516.41	1.46248	578385.01	4141536.41	0.05243
578405.01	4141536.41	0.05673	578425.01	4141536.41	0.06170
578445.01	4141536.41	0.06744	578465.01	4141536.41	0.07391
578485.01	4141536.41	0.08156	578505.01		

4141536.41 0.09031
578525.01 4141536.41 0.10246 578545.01
4141536.41 0.11364
578565.01 4141536.41 0.12958 578585.01
4141536.41 0.14908
578605.01 4141536.41 0.17362 578625.01
4141536.41 0.20629
578645.01 4141536.41 0.25022 578665.01
4141536.41 0.31187
579105.01 4141536.41 2.51482 579125.01
4141536.41 2.02185
579185.01 4141536.41 1.19682 578385.01
4141556.41 0.05381
578405.01 4141556.41 0.05825 578425.01
4141556.41 0.06331
578445.01 4141556.41 0.06920 578465.01
4141556.41 0.07603
578485.01 4141556.41 0.08384 578505.01
4141556.41 0.09292
578525.01 4141556.41 0.10481 578545.01
4141556.41 0.11652
578565.01 4141556.41 0.13242 578585.01
4141556.41 0.15187
578605.01 4141556.41 0.17656 578625.01
4141556.41 0.20808
578645.01 4141556.41 0.24981 578665.01
4141556.41 0.30681
578685.01 4141556.41 0.38900 579165.01
4141556.41 1.33919
579185.01 4141556.41 1.14593 579205.01
4141556.41 0.99208
578385.01 4141576.41 0.05521 578405.01
4141576.41 0.05978
578425.01 4141576.41 0.06503 578445.01
4141576.41 0.07110
578465.01 4141576.41 0.07800 578485.01
4141576.41 0.08608
578505.01 4141576.41 0.09570 578525.01
4141576.41 0.10782
578545.01 4141576.41 0.12041 578565.01
4141576.41 0.13649
578585.01 4141576.41 0.15614 578605.01
4141576.41 0.18071
578625.01 4141576.41 0.21211 578645.01
4141576.41 0.25374
578665.01 4141576.41 0.30854 578685.01
4141576.41 0.38487
578705.01 4141576.41 0.49862 579145.01
4141576.41 1.50040
579165.01 4141576.41 1.26796 579185.01

4141576.41 1.08688
  579205.01 4141576.41 0.94141 579225.01 4141576.41 0.82319

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.72501	579265.01	4141576.41	0.64451
578385.01	4141596.41	0.05655	578405.01	4141596.41	0.06140
578425.01	4141596.41	0.06679	578445.01	4141596.41	0.07309
578465.01	4141596.41	0.08028	578485.01	4141596.41	0.08867
578505.01	4141596.41	0.09884	578525.01	4141596.41	0.11118
578545.01	4141596.41	0.12461	578565.01	4141596.41	0.14167
578585.01	4141596.41	0.16207	578605.01	4141596.41	0.18712
578625.01	4141596.41	0.21891	578645.01	4141596.41	0.26015
578665.01	4141596.41	0.31565	578685.01	4141596.41	0.39121
578705.01	4141596.41	0.49656	578725.01	4141596.41	0.66336
578745.01	4141596.41	0.95118	579105.01	4141596.41	2.04310
579145.01	4141596.41	1.39708	579165.01	4141596.41	1.18350
579185.01	4141596.41	1.01564	579205.01		

4141596.41 0.88122
579225.01 4141596.41 0.77153 579245.01
4141596.41 0.68086
579265.01 4141596.41 0.60594 579285.01
4141596.41 0.53983
579305.01 4141596.41 0.48667 579325.01
4141596.41 0.44047
579345.01 4141596.41 0.40153 578385.01
4141616.41 0.05780
578405.01 4141616.41 0.06290 578425.01
4141616.41 0.06868
578445.01 4141616.41 0.07521 578465.01
4141616.41 0.08275
578485.01 4141616.41 0.09153 578505.01
4141616.41 0.10208
578525.01 4141616.41 0.11538 578545.01
4141616.41 0.12910
578565.01 4141616.41 0.14721 578585.01
4141616.41 0.16870
578605.01 4141616.41 0.19527 578625.01
4141616.41 0.22871
578645.01 4141616.41 0.27078 578665.01
4141616.41 0.32706
578685.01 4141616.41 0.40456 578705.01
4141616.41 0.51364
578725.01 4141616.41 0.67252 578745.01
4141616.41 0.93058
579065.01 4141616.41 2.91257 579085.01
4141616.41 2.28707
579105.01 4141616.41 1.84512 579125.01
4141616.41 1.52170
579165.01 4141616.41 1.08442 579185.01
4141616.41 0.93429
579205.01 4141616.41 0.81273 579225.01
4141616.41 0.71292
579245.01 4141616.41 0.63055 579265.01
4141616.41 0.56189
579285.01 4141616.41 0.50100 579305.01
4141616.41 0.45237
579325.01 4141616.41 0.41074 579345.01
4141616.41 0.37541
578385.01 4141636.41 0.05916 578405.01
4141636.41 0.06445
578425.01 4141636.41 0.07048 578445.01
4141636.41 0.07743
578465.01 4141636.41 0.08545 578485.01
4141636.41 0.09461
578505.01 4141636.41 0.10560 578525.01
4141636.41 0.11888
578545.01 4141636.41 0.13409 578565.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	0.34593	578685.01	4141636.41	0.42881
578705.01	4141636.41	0.54567	578725.01	4141636.41	0.71075
579045.01	4141636.41	3.19915	579065.01	4141636.41	2.47940
579085.01	4141636.41	1.97975	579105.01	4141636.41	1.61692
579125.01	4141636.41	1.34421	579165.01	4141636.41	0.97354
579185.01	4141636.41	0.84188	579205.01	4141636.41	0.73576
579225.01	4141636.41	0.64833	579245.01	4141636.41	0.57595
579265.01	4141636.41	0.51437	579285.01	4141636.41	0.46160
579305.01	4141636.41	0.41772	579325.01	4141636.41	0.37980
579345.01	4141636.41	0.34711	578385.01	4141656.41	0.06077
578405.01	4141656.41	0.06630	578425.01	4141656.41	0.07248
578445.01	4141656.41	0.07973	578465.01		

4141656.41 0.08842
578485.01 4141656.41 0.09820 578505.01
4141656.41 0.11037
578525.01 4141656.41 0.12382 578545.01
4141656.41 0.14023
578565.01 4141656.41 0.16047 578585.01
4141656.41 0.18546
578605.01 4141656.41 0.21668 578625.01
4141656.41 0.25692
578645.01 4141656.41 0.30741 578665.01
4141656.41 0.37413
578685.01 4141656.41 0.46987 578705.01
4141656.41 0.59759
578725.01 4141656.41 0.78939 579005.01
4141656.41 4.28886
579025.01 4141656.41 3.24406 579045.01
4141656.41 2.52714
579065.01 4141656.41 2.02180 579085.01
4141656.41 1.65067
579105.01 4141656.41 1.37205 579125.01
4141656.41 1.15828
579145.01 4141656.41 0.98963 579185.01
4141656.41 0.74554
579205.01 4141656.41 0.65627 579225.01
4141656.41 0.58206
579245.01 4141656.41 0.52032 579265.01
4141656.41 0.46589
579285.01 4141656.41 0.42060 579305.01
4141656.41 0.38244
579325.01 4141656.41 0.34829 579345.01
4141656.41 0.31889
578385.01 4141676.41 0.06265 578405.01
4141676.41 0.06834
578425.01 4141676.41 0.07486 578445.01
4141676.41 0.08257
578465.01 4141676.41 0.09186 578485.01
4141676.41 0.10240
578505.01 4141676.41 0.11562 578525.01
4141676.41 0.13035
578545.01 4141676.41 0.14836 578565.01
4141676.41 0.17051
578585.01 4141676.41 0.19812 578605.01
4141676.41 0.23261
578625.01 4141676.41 0.27759 578645.01
4141676.41 0.33750
578665.01 4141676.41 0.41794 578685.01
4141676.41 0.52587
578705.01 4141676.41 0.68340 578985.01
4141676.41 3.80258
579005.01 4141676.41 2.95673 579025.01

4141676.41 2.36180
  579045.01 4141676.41 1.92475 579065.01
4141676.41 1.59022
  579085.01 4141676.41 1.33472 579105.01
4141676.41 1.13270
  579125.01 4141676.41 0.97159 579145.01
4141676.41 0.84249

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.73780	579185.01	4141676.41	0.65056
579205.01	4141676.41	0.57765	579225.01	4141676.41	0.51614
579245.01	4141676.41	0.46441	579265.01	4141676.41	0.41979
579285.01	4141676.41	0.38053	579305.01	4141676.41	0.34616
579325.01	4141676.41	0.31756	579345.01	4141676.41	0.29269
578385.01	4141696.41	0.06476	578405.01	4141696.41	0.07080
578425.01	4141696.41	0.07797	578445.01	4141696.41	0.08656
578465.01	4141696.41	0.09631	578485.01	4141696.41	0.10763
578505.01	4141696.41	0.12198	578525.01	4141696.41	0.13889
578565.01	4141696.41	0.18391	578585.01	4141696.41	0.21530
578605.01	4141696.41	0.25530	578625.01		

4141696.41 0.30710
578645.01 4141696.41 0.37878 578665.01
4141696.41 0.47561
578685.01 4141696.41 0.61039 578945.01
4141696.41 4.32479
578965.01 4141696.41 3.21810 578985.01
4141696.41 2.52168
579005.01 4141696.41 2.04719 579025.01
4141696.41 1.70018
579045.01 4141696.41 1.43488 579065.01
4141696.41 1.22613
579085.01 4141696.41 1.05636 579105.01
4141696.41 0.91747
579125.01 4141696.41 0.80147 579145.01
4141696.41 0.70661
579165.01 4141696.41 0.62731 579185.01
4141696.41 0.55973
579205.01 4141696.41 0.50219 579225.01
4141696.41 0.45290
579245.01 4141696.41 0.40977 579265.01
4141696.41 0.37354
579285.01 4141696.41 0.34137 579305.01
4141696.41 0.31200
579325.01 4141696.41 0.28782 579345.01
4141696.41 0.26621
578385.01 4141716.41 0.06737 578405.01
4141716.41 0.07403
578425.01 4141716.41 0.08200 578445.01
4141716.41 0.09127
578465.01 4141716.41 0.10171 578485.01
4141716.41 0.11429
578505.01 4141716.41 0.13049 578525.01
4141716.41 0.15021
578605.01 4141716.41 0.28500 578625.01
4141716.41 0.34849
578645.01 4141716.41 0.43549 578665.01
4141716.41 0.55313
578685.01 4141716.41 0.72592 578905.01
4141716.41 5.10931
578925.01 4141716.41 3.61818 578945.01
4141716.41 2.70705
578965.01 4141716.41 2.12427 578985.01
4141716.41 1.72600
579005.01 4141716.41 1.44175 579025.01
4141716.41 1.23366
579045.01 4141716.41 1.07030 579065.01
4141716.41 0.93669
579085.01 4141716.41 0.82696 579105.01
4141716.41 0.73513
579125.01 4141716.41 0.65504 579145.01

4141716.41 0.58588
579165.01 4141716.41 0.52777 579185.01
4141716.41 0.47678
579205.01 4141716.41 0.43244 579225.01
4141716.41 0.39373
579245.01 4141716.41 0.35820 579265.01
4141716.41 0.32923
579285.01 4141716.41 0.30305 579305.01
4141716.41 0.27879

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.25831	579345.01	4141716.41	0.24025
578385.01	4141736.41	0.07060	578405.01	4141736.41	0.07814
578425.01	4141736.41	0.08688	578445.01	4141736.41	0.09675
578465.01	4141736.41	0.10840	578485.01	4141736.41	0.12276
578505.01	4141736.41	0.14353	578625.01	4141736.41	0.40098
578645.01	4141736.41	0.50340	578665.01	4141736.41	0.64813
578865.01	4141736.41	6.02732	578885.01	4141736.41	4.53324
578905.01	4141736.41	3.26360	578925.01	4141736.41	2.39112
578945.01	4141736.41	1.84722	578965.01	4141736.41	1.48383
578985.01	4141736.41	1.23407	579005.01		

4141736.41 1.05175
579025.01 4141736.41 0.91472 579045.01
4141736.41 0.80736
579065.01 4141736.41 0.72140 579085.01
4141736.41 0.64974
579105.01 4141736.41 0.58757 579125.01
4141736.41 0.53240
579145.01 4141736.41 0.48397 579165.01
4141736.41 0.44129
579185.01 4141736.41 0.40351 579205.01
4141736.41 0.36996
579225.01 4141736.41 0.34011 579245.01
4141736.41 0.31305
579265.01 4141736.41 0.28867 579285.01
4141736.41 0.26758
579305.01 4141736.41 0.24908 579325.01
4141736.41 0.23193
579345.01 4141736.41 0.21642 578385.01
4141756.41 0.07490
578405.01 4141756.41 0.08315 578425.01
4141756.41 0.09269
578445.01 4141756.41 0.10391 578465.01
4141756.41 0.11721
578485.01 4141756.41 0.13509 578845.01
4141756.41 4.83304
578865.01 4141756.41 3.94341 578885.01
4141756.41 3.01256
578905.01 4141756.41 2.25225 578925.01
4141756.41 1.71316
578945.01 4141756.41 1.35100 578965.01
4141756.41 1.10552
578985.01 4141756.41 0.92668 579005.01
4141756.41 0.79663
579025.01 4141756.41 0.70013 579045.01
4141756.41 0.62620
579065.01 4141756.41 0.56644 579085.01
4141756.41 0.51634
579105.01 4141756.41 0.47237 579125.01
4141756.41 0.43369
579145.01 4141756.41 0.39926 579165.01
4141756.41 0.36839
579185.01 4141756.41 0.34056 579205.01
4141756.41 0.31546
579225.01 4141756.41 0.29272 579245.01
4141756.41 0.27211
579265.01 4141756.41 0.25341 579285.01
4141756.41 0.23586
579305.01 4141756.41 0.22037 579325.01
4141756.41 0.20685
579345.01 4141756.41 0.19397 578385.01

4141776.41 0.07985
  578405.01 4141776.41 0.08914 578425.01 4141776.41 0.09951
  578445.01 4141776.41 0.11207 578465.01 4141776.41 0.12788
  578485.01 4141776.41 0.14869 578825.01 4141776.41 3.74014
  578845.01 4141776.41 3.32221 578865.01 4141776.41 2.73155
  578885.01 4141776.41 2.11917 578905.01 4141776.41 1.64321

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	1.29467	578945.01	4141776.41	1.04373
578965.01	4141776.41	0.85848	578985.01	4141776.41	0.72716
579005.01	4141776.41	0.62996	579025.01	4141776.41	0.55647
579045.01	4141776.41	0.49931	579065.01	4141776.41	0.45427
579085.01	4141776.41	0.41655	579105.01	4141776.41	0.38437
579125.01	4141776.41	0.35620	579145.01	4141776.41	0.33109
579165.01	4141776.41	0.30842	579185.01	4141776.41	0.28778
579205.01	4141776.41	0.26896	579225.01	4141776.41	0.25167
579245.01	4141776.41	0.23579	579265.01		

4141776.41 0.22119
579285.01 4141776.41 0.20775 579305.01
4141776.41 0.19452
579325.01 4141776.41 0.18395 579345.01
4141776.41 0.17341
578405.01 4141796.41 0.09591 578425.01
4141796.41 0.10777
578445.01 4141796.41 0.12222 578465.01
4141796.41 0.14242
578805.01 4141796.41 2.92751 578825.01
4141796.41 2.73082
578845.01 4141796.41 2.35652 578865.01
4141796.41 1.96344
578885.01 4141796.41 1.56667 578905.01
4141796.41 1.24702
578925.01 4141796.41 1.01086 578945.01
4141796.41 0.83030
578965.01 4141796.41 0.69522 578985.01
4141796.41 0.59342
579005.01 4141796.41 0.51545 579025.01
4141796.41 0.45565
579045.01 4141796.41 0.40933 579065.01
4141796.41 0.37271
579085.01 4141796.41 0.34290 579105.01
4141796.41 0.31786
579125.01 4141796.41 0.29625 579145.01
4141796.41 0.27716
579165.01 4141796.41 0.25999 579185.01
4141796.41 0.24434
579205.01 4141796.41 0.23000 579225.01
4141796.41 0.21675
579245.01 4141796.41 0.20432 579265.01
4141796.41 0.19304
579285.01 4141796.41 0.18197 579305.01
4141796.41 0.17183
579325.01 4141796.41 0.16276 579345.01
4141796.41 0.15427
578445.01 4141816.41 0.13516 578585.01
4141816.41 0.42563
578605.01 4141816.41 0.52042 578665.01
4141816.41 0.97852
578685.01 4141816.41 1.20513 578785.01
4141816.41 2.31992
578805.01 4141816.41 2.25471 578825.01
4141816.41 2.04271
578845.01 4141816.41 1.74938 578865.01
4141816.41 1.46049
578885.01 4141816.41 1.19780 578905.01
4141816.41 0.97700
578925.01 4141816.41 0.81051 578945.01

4141816.41 0.67954
  578965.01 4141816.41 0.57685 578985.01
4141816.41 0.49573
  579005.01 4141816.41 0.43224 579025.01
4141816.41 0.38266
  579045.01 4141816.41 0.34385 579065.01
4141816.41 0.31311
  579085.01 4141816.41 0.28825 579105.01
4141816.41 0.26766
  579125.01 4141816.41 0.25014 579145.01
4141816.41 0.23488
  579165.01 4141816.41 0.22132 579185.01
4141816.41 0.20904

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.19784	579225.01	4141816.41	0.18748
579245.01	4141816.41	0.17747	579265.01	4141816.41	0.16775
579285.01	4141816.41	0.15974	579305.01	4141816.41	0.15254
579325.01	4141816.41	0.14473	579345.01	4141816.41	0.13775
578565.01	4141836.41	0.38583	578585.01	4141836.41	0.46306
578605.01	4141836.41	0.56221	578625.01	4141836.41	0.68116
578645.01	4141836.41	0.82384	578665.01	4141836.41	0.99473
578685.01	4141836.41	1.18769	578705.01		

4141836.41 1.39448
578725.01 4141836.41 1.59935 578765.01
4141836.41 1.86633
578785.01 4141836.41 1.86344 578805.01
4141836.41 1.75526
578825.01 4141836.41 1.56512 578845.01
4141836.41 1.34208
578865.01 4141836.41 1.13370 578885.01
4141836.41 0.94052
578905.01 4141836.41 0.78643 578925.01
4141836.41 0.66420
578945.01 4141836.41 0.56590 578965.01
4141836.41 0.48631
578985.01 4141836.41 0.42170 579005.01
4141836.41 0.36964
579025.01 4141836.41 0.32808 579045.01
4141836.41 0.29500
579065.01 4141836.41 0.26852 579085.01
4141836.41 0.24709
579105.01 4141836.41 0.22944 579125.01
4141836.41 0.21459
579145.01 4141836.41 0.20181 579165.01
4141836.41 0.19060
579185.01 4141836.41 0.18058 579205.01
4141836.41 0.17153
579225.01 4141836.41 0.16320 579245.01
4141836.41 0.15547
579265.01 4141836.41 0.14750 579285.01
4141836.41 0.14086
579305.01 4141836.41 0.13482 579325.01
4141836.41 0.12857
579345.01 4141836.41 0.12343 578565.01
4141856.41 0.41644
578585.01 4141856.41 0.49551 578605.01
4141856.41 0.59103
578625.01 4141856.41 0.70386 578645.01
4141856.41 0.83414
578665.01 4141856.41 0.98063 578685.01
4141856.41 1.13658
578705.01 4141856.41 1.29145 578725.01
4141856.41 1.42806
578745.01 4141856.41 1.52112 578765.01
4141856.41 1.55101
578785.01 4141856.41 1.50566 578805.01
4141856.41 1.38920
578825.01 4141856.41 1.22575 578845.01
4141856.41 1.05914
578865.01 4141856.41 0.89903 578885.01
4141856.41 0.75793
578905.01 4141856.41 0.64604 578925.01

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4141856.41        0.55406
         578945.01    4141856.41        0.47860                       578965.01
4141856.41        0.41585
         578985.01    4141856.41        0.36377                       579005.01
4141856.41        0.32080
         579025.01    4141856.41        0.28574                       579045.01
4141856.41        0.25730
         579065.01    4141856.41        0.23424                       579085.01
4141856.41        0.21539
         579105.01    4141856.41        0.19989                       579125.01
4141856.41        0.18689
         579145.01    4141856.41        0.17579                       579165.01
4141856.41        0.16617
         579185.01    4141856.41        0.15770                       579205.01
4141856.41        0.15010
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                   PAGE 313
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP9   ***
                                   INCLUDING SOURCE(S):     CONSTR3_1   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579225.01    4141856.41        0.14316                       579245.01
4141856.41        0.13679
         579265.01    4141856.41        0.13055                       579285.01
4141856.41        0.12532
         579305.01    4141856.41        0.12009                       579325.01
4141856.41        0.11457
         579345.01    4141856.41        0.11050                       578545.01
4141876.41        0.37404
         578565.01    4141876.41        0.44013                       578585.01
4141876.41        0.51718
         578605.01    4141876.41        0.60708                       578625.01
4141876.41        0.70961
         578645.01    4141876.41        0.82334                       578665.01
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4141876.41 0.94423
578685.01 4141876.41 1.06480 578705.01
4141876.41 1.17464
578725.01 4141876.41 1.25736 578745.01
4141876.41 1.29865
578765.01 4141876.41 1.28768 578785.01
4141876.41 1.22291
578805.01 4141876.41 1.11449 578825.01
4141876.41 0.98255
578845.01 4141876.41 0.84885 578865.01
4141876.41 0.72649
578885.01 4141876.41 0.62390 578905.01
4141876.41 0.53960
578925.01 4141876.41 0.46898 578945.01
4141876.41 0.41000
578965.01 4141876.41 0.35987 578985.01
4141876.41 0.31728
579005.01 4141876.41 0.28152 579025.01
4141876.41 0.25182
579045.01 4141876.41 0.22730 579065.01
4141876.41 0.20709
579085.01 4141876.41 0.19040 579105.01
4141876.41 0.17660
579125.01 4141876.41 0.16500 579145.01
4141876.41 0.15514
579165.01 4141876.41 0.14663 579185.01
4141876.41 0.13923
579205.01 4141876.41 0.13263 579225.01
4141876.41 0.12669
579245.01 4141876.41 0.12127 579265.01
4141876.41 0.11612
579285.01 4141876.41 0.11161 579305.01
4141876.41 0.10725
579325.01 4141876.41 0.10264 579345.01
4141876.41 0.09924
578545.01 4141896.41 0.39234 578565.01
4141896.41 0.45598
578585.01 4141896.41 0.52893 578605.01
4141896.41 0.61144
578625.01 4141896.41 0.70130 578645.01
4141896.41 0.79637
578665.01 4141896.41 0.89265 578685.01
4141896.41 0.98165
578705.01 4141896.41 1.05261 578725.01
4141896.41 1.09747
578745.01 4141896.41 1.10618 578765.01
4141896.41 1.07345
578785.01 4141896.41 1.00390 578805.01
4141896.41 0.90724
578825.01 4141896.41 0.79990 578845.01

4141896.41 0.69385
  578865.01 4141896.41 0.60078 578885.01
4141896.41 0.52271
  578905.01 4141896.41 0.45690 578925.01
4141896.41 0.40146
  578945.01 4141896.41 0.35491 578965.01
4141896.41 0.31449
  578985.01 4141896.41 0.27944 579005.01
4141896.41 0.24945
  579025.01 4141896.41 0.22405 579045.01
4141896.41 0.20278
  579065.01 4141896.41 0.18505 579085.01
4141896.41 0.17022
  579105.01 4141896.41 0.15784 579125.01
4141896.41 0.14739
  579145.01 4141896.41 0.13849 579165.01
4141896.41 0.13083

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.12420	579205.01	4141896.41	0.11835
579225.01	4141896.41	0.11310	579245.01	4141896.41	0.10835
579265.01	4141896.41	0.10402	579285.01	4141896.41	0.10001
579305.01	4141896.41	0.09628	579325.01	4141896.41	0.09278
579345.01	4141896.41	0.08948	578565.01	4141916.41	0.46547
578585.01	4141916.41	0.53110	578605.01		

4141916.41 0.60424
578625.01 4141916.41 0.68053 578645.01
4141916.41 0.75774
578665.01 4141916.41 0.83093 578685.01
4141916.41 0.89221
578705.01 4141916.41 0.93524 578725.01
4141916.41 0.95377
578745.01 4141916.41 0.94030 578765.01
4141916.41 0.89846
578785.01 4141916.41 0.83142 578805.01
4141916.41 0.74914
578825.01 4141916.41 0.66060 578845.01
4141916.41 0.57716
578865.01 4141916.41 0.50476 578885.01
4141916.41 0.44372
578905.01 4141916.41 0.39244 578925.01
4141916.41 0.34859
578945.01 4141916.41 0.31022 578965.01
4141916.41 0.27716
578985.01 4141916.41 0.24799 579005.01
4141916.41 0.22267
579025.01 4141916.41 0.20094 579045.01
4141916.41 0.18243
579065.01 4141916.41 0.16677 579085.01
4141916.41 0.15356
579105.01 4141916.41 0.14242 579125.01
4141916.41 0.13295
579145.01 4141916.41 0.12486 579165.01
4141916.41 0.11789
579185.01 4141916.41 0.11185 578386.27
4141125.26 0.05295
578406.27 4141125.26 0.05880 578426.27
4141125.26 0.06536
578446.27 4141125.26 0.07302 578466.27
4141125.26 0.08232
578486.27 4141125.26 0.09297 578506.27
4141125.26 0.10545
578526.27 4141125.26 0.11929 578546.27
4141125.26 0.13535
578566.27 4141125.26 0.15380 578586.27
4141125.26 0.17540
578606.27 4141125.26 0.20075 578626.27
4141125.26 0.22850
578646.27 4141125.26 0.26099 578666.27
4141125.26 0.30264
578686.27 4141125.26 0.34144 578706.27
4141125.26 0.39021
578726.27 4141125.26 0.44756 578746.27
4141125.26 0.52577
578766.27 4141125.26 0.60719 578786.27

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4141125.26        0.70106
         578806.27    4141125.26        0.81118                       578826.27
4141125.26        0.93331
         578846.27    4141125.26        1.07017                       578866.27
4141125.26        1.22270
         578886.27    4141125.26        1.38986                       578906.27
4141125.26        1.56491
         578926.27    4141125.26        1.73531                       578946.27
4141125.26        1.89887
         578966.27    4141125.26        2.04598                       578986.27
4141125.26        2.16805
         579006.27    4141125.26        2.25712                       579026.27
4141125.26        2.30863
         579046.27    4141125.26        2.31551                       579066.27
4141125.26        2.27741
         579086.27    4141125.26        2.20517                       579106.27
4141125.26        2.10562
         579126.27    4141125.26        1.98492                       579146.27
4141125.26        1.84776
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP9   ***
                                    INCLUDING SOURCE(S):     CONSTR3_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579166.27    4141125.26        1.70034                       579186.27
4141125.26        1.55576
         579206.27    4141125.26        1.41903                       578386.27
4141145.26        0.05216
         578406.27    4141145.26        0.05792                       578426.27
4141145.26        0.06468
         578446.27    4141145.26        0.07221                       578466.27
4141145.26        0.08117
         578486.27    4141145.26        0.09211                       578506.27
```

4141145.26 0.10455
578526.27 4141145.26 0.11914 578546.27
4141145.26 0.13550
578566.27 4141145.26 0.15477 578586.27
4141145.26 0.17672
578606.27 4141145.26 0.20280 578626.27
4141145.26 0.23590
578646.27 4141145.26 0.27073 578666.27
4141145.26 0.30643
578686.27 4141145.26 0.35212 578706.27
4141145.26 0.40543
578726.27 4141145.26 0.47717 578746.27
4141145.26 0.55283
578766.27 4141145.26 0.64062 578786.27
4141145.26 0.74332
578806.27 4141145.26 0.86352 578826.27
4141145.26 1.00073
578846.27 4141145.26 1.15137 578866.27
4141145.26 1.32261
578886.27 4141145.26 1.50769 578906.27
4141145.26 1.70138
578926.27 4141145.26 1.89533 578946.27
4141145.26 2.07582
578966.27 4141145.26 2.23554 578986.27
4141145.26 2.36631
579006.27 4141145.26 2.45664 579026.27
4141145.26 2.49797
579046.27 4141145.26 2.48890 579066.27
4141145.26 2.43694
579086.27 4141145.26 2.34943 579106.27
4141145.26 2.22516
579126.27 4141145.26 2.08248 579146.27
4141145.26 1.92264
579166.27 4141145.26 1.75825 579186.27
4141145.26 1.59639
579206.27 4141145.26 1.44634 578723.62
4141929.59 0.86840
578743.62 4141929.59 0.84929 578763.62
4141929.59 0.80578
578783.62 4141929.59 0.74318 578803.62
4141929.59 0.66897
578823.62 4141929.59 0.59178 578843.62
4141929.59 0.52032
578863.62 4141929.59 0.45774 578883.62
4141929.59 0.40478
578903.62 4141929.59 0.35988 578923.62
4141929.59 0.32138
578943.62 4141929.59 0.28772 578963.62
4141929.59 0.25801
578983.62 4141929.59 0.23179 579003.62

4141929.59 0.20884
579023.62 4141929.59 0.18895 579043.62
4141929.59 0.17187
579063.62 4141929.59 0.15728 579083.62
4141929.59 0.14486
579103.62 4141929.59 0.13432 579123.62
4141929.59 0.12534
579143.62 4141929.59 0.11765 579163.62
4141929.59 0.11101
579183.62 4141929.59 0.10525 578725.67
4141942.60 0.78943
578745.67 4141942.60 0.76397 578765.67
4141942.60 0.71759
578785.67 4141942.60 0.65699 578805.67
4141942.60 0.58920
578825.67 4141942.60 0.52240 578845.67
4141942.60 0.46163
578865.67 4141942.60 0.40864 578885.67
4141942.60 0.36366
578905.67 4141942.60 0.32533 578925.67
4141942.60 0.29211

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.26280	578965.67	4141942.60	0.23673
578985.67	4141942.60	0.21355	579005.67	4141942.60	0.19314
579025.67	4141942.60	0.17533	579045.67	4141942.60	0.15992
579065.67	4141942.60	0.14667	579085.67		

4141942.60 0.13533
579105.67 4141942.60 0.12561 579125.67
4141942.60 0.11729
579145.67 4141942.60 0.11015 579165.67
4141942.60 0.10395
579185.67 4141942.60 0.09858 578745.52
4141955.60 0.68969
578765.52 4141955.60 0.64524 578785.52
4141955.60 0.58905
578805.52 4141955.60 0.52835 578825.52
4141955.60 0.47006
578845.52 4141955.60 0.41737 578865.52
4141955.60 0.37152
578885.52 4141955.60 0.33246 578905.52
4141955.60 0.29895
578925.52 4141955.60 0.26969 578945.52
4141955.60 0.24368
578965.52 4141955.60 0.22038 578985.52
4141955.60 0.19954
579005.52 4141955.60 0.18105 579025.52
4141955.60 0.16480
579045.52 4141955.60 0.15064 579065.52
4141955.60 0.13840
579085.52 4141955.60 0.12782 579105.52
4141955.60 0.11872
579125.52 4141955.60 0.11088 579145.52
4141955.60 0.10410
579165.52 4141955.60 0.09824 579185.52
4141955.60 0.09313
578785.22 4141971.34 0.51920 578805.22
4141971.34 0.46675
578825.22 4141971.34 0.41677 578845.22
4141971.34 0.37195
578865.22 4141971.34 0.33304 578885.22
4141971.34 0.29995
578905.22 4141971.34 0.27125 578925.22
4141971.34 0.24596
578945.22 4141971.34 0.22330 578965.22
4141971.34 0.20286
578985.22 4141971.34 0.18444 579005.22
4141971.34 0.16798
579025.22 4141971.34 0.15339 579045.22
4141971.34 0.14057
579065.22 4141971.34 0.12939 579085.22
4141971.34 0.11968
579105.22 4141971.34 0.11125 579125.22
4141971.34 0.10395
579145.22 4141971.34 0.09760 579165.22
4141971.34 0.09209
579185.22 4141971.34 0.08727 578790.01

4141986.40 0.44976
578810.01 4141986.40 0.40530 578830.01
4141986.40 0.36323
578850.01 4141986.40 0.32602 578870.01
4141986.40 0.29401
578890.01 4141986.40 0.26647 578910.01
4141986.40 0.24234
578930.01 4141986.40 0.22081 578950.01
4141986.40 0.20133
578970.01 4141986.40 0.18364 578990.01
4141986.40 0.16763
579010.01 4141986.40 0.15326 579030.01
4141986.40 0.14045
579050.01 4141986.40 0.12915 579070.01
4141986.40 0.11924
579090.01 4141986.40 0.11057 579110.01
4141986.40 0.10300
579130.01 4141986.40 0.09639 579150.01
4141986.40 0.09064
579170.01 4141986.40 0.08562 579190.01
4141986.40 0.08119
578810.54 4142001.46 0.36244 578830.54
4142001.46 0.32621

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
578850.54 4142001.46 0.29423 578870.54
4142001.46 0.26680
578890.54 4142001.46 0.24301 578910.54
4142001.46 0.22200
578930.54 4142001.46 0.20310 578950.54

4142001.46 0.18590
578970.54 4142001.46 0.17018 578990.54
4142001.46 0.15588
579010.54 4142001.46 0.14296 579030.54
4142001.46 0.13139
579050.54 4142001.46 0.12111 579070.54
4142001.46 0.11202
579090.54 4142001.46 0.10404 579110.54
4142001.46 0.09703
579130.54 4142001.46 0.09087 579150.54
4142001.46 0.08550
579170.54 4142001.46 0.08077 579190.54
4142001.46 0.07660

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.04405	578405.01	4141176.41	0.04827
578425.01	4141176.41	0.05315	578445.01	4141176.41	0.05891
578465.01	4141176.41	0.06544	578485.01	4141176.41	0.07336
578505.01	4141176.41	0.08324	578525.01	4141176.41	0.09504
578545.01	4141176.41	0.10977	578565.01	4141176.41	0.12709
578585.01	4141176.41	0.14813	578605.01	4141176.41	0.17290
578625.01	4141176.41	0.20124	578645.01	4141176.41	0.23381
578665.01	4141176.41	0.27184	578685.01		

4141176.41 0.31632
578705.01 4141176.41 0.36667 578725.01
4141176.41 0.42501
578745.01 4141176.41 0.49431 578765.01
4141176.41 0.57520
578785.01 4141176.41 0.67385 578805.01
4141176.41 0.79471
578825.01 4141176.41 0.94591 578845.01
4141176.41 1.13466
578865.01 4141176.41 1.35883 578885.01
4141176.41 1.62664
578905.01 4141176.41 1.93061 578925.01
4141176.41 2.25954
578945.01 4141176.41 2.59293 578965.01
4141176.41 2.89083
578985.01 4141176.41 3.12392 579005.01
4141176.41 3.26190
579025.01 4141176.41 3.30093 579045.01
4141176.41 3.23898
579065.01 4141176.41 3.08583 579085.01
4141176.41 2.86029
579105.01 4141176.41 2.59449 579125.01
4141176.41 2.31630
579145.01 4141176.41 2.04802 579165.01
4141176.41 1.80282
579185.01 4141176.41 1.59474 579205.01
4141176.41 1.41581
579225.01 4141176.41 1.26434 578385.01
4141196.41 0.04350
578405.01 4141196.41 0.04778 578425.01
4141196.41 0.05270
578445.01 4141196.41 0.05832 578465.01
4141196.41 0.06491
578485.01 4141196.41 0.07281 578505.01
4141196.41 0.08233
578525.01 4141196.41 0.09411 578545.01
4141196.41 0.10853
578565.01 4141196.41 0.12611 578585.01
4141196.41 0.14735
578605.01 4141196.41 0.17251 578625.01
4141196.41 0.20210
578645.01 4141196.41 0.23738 578665.01
4141196.41 0.27879
578685.01 4141196.41 0.32559 578705.01
4141196.41 0.37976
578725.01 4141196.41 0.44306 578745.01
4141196.41 0.51813
578765.01 4141196.41 0.60856 578785.01
4141196.41 0.71660
578805.01 4141196.41 0.85098 578825.01

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4141196.41        1.01798
         578845.01    4141196.41        1.22797                       578865.01
4141196.41        1.48623
         578885.01    4141196.41        1.78707                       578905.01
4141196.41        2.13109
         578925.01    4141196.41        2.50287                       578945.01
4141196.41        2.87308
         578965.01    4141196.41        3.20212                       578985.01
4141196.41        3.44027
         579005.01    4141196.41        3.57558                       579025.01
4141196.41        3.59454
         579045.01    4141196.41        3.48959                       579065.01
4141196.41        3.28896
         579085.01    4141196.41        3.00886                       579105.01
4141196.41        2.69478
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 319
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                 *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579125.01    4141196.41        2.38072                       579145.01
4141196.41        2.09230
         579165.01    4141196.41        1.83528                       579185.01
4141196.41        1.61440
         579205.01    4141196.41        1.42934                       579225.01
4141196.41        1.27286
         579245.01    4141196.41        1.13775                       578385.01
4141216.41        0.04277
         578405.01    4141216.41        0.04714                       578425.01
4141216.41        0.05208
         578445.01    4141216.41        0.05773                       578465.01
4141216.41        0.06434
         578485.01    4141216.41        0.07214                       578505.01
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4141216.41 0.08144
578525.01 4141216.41 0.09316 578545.01
4141216.41 0.10739
578565.01 4141216.41 0.12489 578585.01
4141216.41 0.14635
578605.01 4141216.41 0.17207 578625.01
4141216.41 0.20322
578645.01 4141216.41 0.24077 578665.01
4141216.41 0.28402
578685.01 4141216.41 0.33461 578705.01
4141216.41 0.39286
578725.01 4141216.41 0.46145 578745.01
4141216.41 0.54359
578765.01 4141216.41 0.64331 578785.01
4141216.41 0.76440
578805.01 4141216.41 0.91290 578825.01
4141216.41 1.09982
578845.01 4141216.41 1.33524 578925.01
4141216.41 2.78134
578945.01 4141216.41 3.19100 578965.01
4141216.41 3.55919
578985.01 4141216.41 3.81555 579005.01
4141216.41 3.93733
579025.01 4141216.41 3.91193 579045.01
4141216.41 3.75436
579065.01 4141216.41 3.49314 579085.01
4141216.41 3.15588
579105.01 4141216.41 2.79240 579125.01
4141216.41 2.44577
579145.01 4141216.41 2.13316 579165.01
4141216.41 1.85968
579185.01 4141216.41 1.63103 579205.01
4141216.41 1.44090
579225.01 4141216.41 1.27977 579245.01
4141216.41 1.13597
578385.01 4141236.41 0.04178 578405.01
4141236.41 0.04631
578425.01 4141236.41 0.05131 578445.01
4141236.41 0.05702
578465.01 4141236.41 0.06363 578485.01
4141236.41 0.07138
578505.01 4141236.41 0.08090 578525.01
4141236.41 0.09241
578545.01 4141236.41 0.10616 578565.01
4141236.41 0.12347
578585.01 4141236.41 0.14513 578605.01
4141236.41 0.17132
578625.01 4141236.41 0.20336 578645.01
4141236.41 0.24241
578665.01 4141236.41 0.28849 578685.01

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4141236.41        0.34282
         578705.01    4141236.41        0.40616                       578725.01
4141236.41        0.48104
         578745.01    4141236.41        0.57033                       578765.01
4141236.41        0.67946
         578785.01    4141236.41        0.81577                       578805.01
4141236.41        0.98210
         578825.01    4141236.41        1.19309                       578945.01
4141236.41        3.56751
         578965.01    4141236.41        3.95907                       578985.01
4141236.41        4.23850
         579005.01    4141236.41        4.33549                       579025.01
4141236.41        4.26084
         579045.01    4141236.41        4.03408                       579065.01
4141236.41        3.69573
         579085.01    4141236.41        3.30126                       579105.01
4141236.41        2.88904
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 320
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10  ***
                                   INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         579125.01    4141236.41        2.50331                       579145.01
4141236.41        2.16449
         579165.01    4141236.41        1.88145                       579185.01
4141236.41        1.64549
         579205.01    4141236.41        1.44788                       579225.01
4141236.41        1.27912
         579245.01    4141236.41        1.12648                       578385.01
4141256.41        0.04061
         578405.01    4141256.41        0.04520                       578425.01
4141256.41        0.05037
         578445.01    4141256.41        0.05614                       578465.01
```

4141256.41 0.06276
578485.01 4141256.41 0.07055 578505.01
4141256.41 0.08004
578525.01 4141256.41 0.09131 578545.01
4141256.41 0.10488
578565.01 4141256.41 0.12199 578585.01
4141256.41 0.14364
578605.01 4141256.41 0.17045 578625.01
4141256.41 0.20304
578645.01 4141256.41 0.24297 578665.01
4141256.41 0.29191
578685.01 4141256.41 0.34976 578705.01
4141256.41 0.41911
578725.01 4141256.41 0.50070 578745.01
4141256.41 0.59883
578765.01 4141256.41 0.71919 578785.01
4141256.41 0.86965
578805.01 4141256.41 1.06046 578965.01
4141256.41 4.43033
578985.01 4141256.41 4.70369 579005.01
4141256.41 4.78440
579025.01 4141256.41 4.63930 579045.01
4141256.41 4.33068
579065.01 4141256.41 3.90845 579085.01
4141256.41 3.44190
579105.01 4141256.41 2.97113 579125.01
4141256.41 2.54989
579145.01 4141256.41 2.19344 579165.01
4141256.41 1.89999
579185.01 4141256.41 1.65700 579205.01
4141256.41 1.44940
579225.01 4141256.41 1.26869 579245.01
4141256.41 1.10853
579265.01 4141256.41 0.96570 578385.01
4141276.41 0.03956
578405.01 4141276.41 0.04389 578425.01
4141276.41 0.04908
578445.01 4141276.41 0.05505 578465.01
4141276.41 0.06174
578485.01 4141276.41 0.06958 578505.01
4141276.41 0.07883
578525.01 4141276.41 0.09006 578545.01
4141276.41 0.10357
578565.01 4141276.41 0.12032 578585.01
4141276.41 0.14181
578605.01 4141276.41 0.16859 578625.01
4141276.41 0.20236
578645.01 4141276.41 0.24349 578665.01
4141276.41 0.29436
578685.01 4141276.41 0.35597 578705.01

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4141276.41        0.43038
         578725.01    4141276.41        0.52082                       578745.01
4141276.41        0.62861
         578765.01    4141276.41        0.76322                       578785.01
4141276.41        0.93130
         578985.01    4141276.41        5.24358                       579005.01
4141276.41        5.27104
         579025.01    4141276.41        5.05900                       579045.01
4141276.41        4.64538
         579065.01    4141276.41        4.12848                       579085.01
4141276.41        3.56696
         579105.01    4141276.41        3.04591                       579125.01
4141276.41        2.59387
         579145.01    4141276.41        2.22215                       579165.01
4141276.41        1.91504
         579185.01    4141276.41        1.65847                       579205.01
4141276.41        1.43901
         579225.01    4141276.41        1.24780                       579245.01
4141276.41        1.07966
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 321
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579265.01    4141276.41        0.93453                       578385.01
4141296.41        0.03795
         578405.01    4141296.41        0.04281                       578425.01
4141296.41        0.04766
         578445.01    4141296.41        0.05358                       578465.01
4141296.41        0.06047
         578485.01    4141296.41        0.06841                       578505.01
4141296.41        0.07764
         578525.01    4141296.41        0.08872                       578545.01
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4141296.41        0.10212
         578565.01    4141296.41        0.11869                   578585.01
4141296.41        0.13962
         578605.01    4141296.41        0.16641                   578625.01
4141296.41        0.20062
         578645.01    4141296.41        0.24358                   578665.01
4141296.41        0.29612
         578685.01    4141296.41        0.36139                   578705.01
4141296.41        0.44133
         578725.01    4141296.41        0.53912                   578745.01
4141296.41        0.65993
         579005.01    4141296.41        5.82006                   579025.01
4141296.41        5.50191
         579045.01    4141296.41        4.96960                   579065.01
4141296.41        4.32475
         579085.01    4141296.41        3.68545                   579105.01
4141296.41        3.11626
         579125.01    4141296.41        2.63486                   579145.01
4141296.41        2.23858
         579165.01    4141296.41        1.91930                   579185.01
4141296.41        1.64753
         579205.01    4141296.41        1.41549                   579225.01
4141296.41        1.21517
         579245.01    4141296.41        1.04163                   579265.01
4141296.41        0.89668
         579285.01    4141296.41        0.77564                   578385.01
4141316.41        0.03668
         578405.01    4141316.41        0.04100                   578425.01
4141316.41        0.04653
         578445.01    4141316.41        0.05211                   578465.01
4141316.41        0.05878
         578485.01    4141316.41        0.06677                   578505.01
4141316.41        0.07617
         578525.01    4141316.41        0.08725                   578545.01
4141316.41        0.10054
         578565.01    4141316.41        0.11698                   578585.01
4141316.41        0.13763
         578605.01    4141316.41        0.16423                   578625.01
4141316.41        0.19836
         578645.01    4141316.41        0.24243                   578665.01
4141316.41        0.29752
         578685.01    4141316.41        0.36608                   578705.01
4141316.41        0.45137
         578725.01    4141316.41        0.55736                   579025.01
4141316.41        5.96753
         579045.01    4141316.41        5.28422                   579065.01
4141316.41        4.52084
         579085.01    4141316.41        3.80001                   579105.01
4141316.41        3.17918
         579125.01    4141316.41        2.66446                   579145.01
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4141316.41   2.24690
579165.01   4141316.41   1.90865   579185.01
4141316.41   1.62294
579205.01   4141316.41   1.37823   579225.01
4141316.41   1.17170
579245.01   4141316.41   1.00018   579265.01
4141316.41   0.85941
579285.01   4141316.41   0.74513   578385.01
4141336.41   0.03573
578405.01   4141336.41   0.03971   578425.01
4141336.41   0.04453
578445.01   4141336.41   0.05051   578465.01
4141336.41   0.05762
578485.01   4141336.41   0.06498   578505.01
4141336.41   0.07422
578525.01   4141336.41   0.08536   578545.01
4141336.41   0.09882
578565.01   4141336.41   0.11500   578585.01
4141336.41   0.13539
578605.01   4141336.41   0.16167   578625.01
4141336.41   0.19584

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S):   CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
- -
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578685.01   4141336.41   0.36948   578705.01
4141336.41   0.46087
579025.01   4141336.41   6.46989   579045.01
4141336.41   5.60670
579065.01   4141336.41   4.71079   579085.01

4141336.41 3.90163
579105.01 4141336.41 3.22543 579125.01
4141336.41 2.68101
579145.01 4141336.41 2.24386 579165.01
4141336.41 1.88193
579185.01 4141336.41 1.58173 579205.01
4141336.41 1.32842
579225.01 4141336.41 1.12450 579245.01
4141336.41 0.95757
579265.01 4141336.41 0.82489 579285.01
4141336.41 0.72105
578385.01 4141356.41 0.03535 578405.01
4141356.41 0.03903
578425.01 4141356.41 0.04355 578445.01
4141356.41 0.04888
578465.01 4141356.41 0.05537 578485.01
4141356.41 0.06360
578505.01 4141356.41 0.07271 578525.01
4141356.41 0.08322
578545.01 4141356.41 0.09657 578565.01
4141356.41 0.11297
578585.01 4141356.41 0.13300 578605.01
4141356.41 0.15896
578625.01 4141356.41 0.19260 578645.01
4141356.41 0.23669
578665.01 4141356.41 0.29524 578685.01
4141356.41 0.37154
579025.01 4141356.41 7.00972 579045.01
4141356.41 5.93279
579065.01 4141356.41 4.88173 579085.01
4141356.41 3.97939
579105.01 4141356.41 3.25160 579125.01
4141356.41 2.67614
579145.01 4141356.41 2.21314 579165.01
4141356.41 1.83293
579185.01 4141356.41 1.52362 579205.01
4141356.41 1.27280
579225.01 4141356.41 1.07371 579245.01
4141356.41 0.91788
579265.01 4141356.41 0.79817 579285.01
4141356.41 0.70545
579305.01 4141356.41 0.63360 578385.01
4141376.41 0.03560
578405.01 4141376.41 0.03892 578425.01
4141376.41 0.04295
578445.01 4141376.41 0.04794 578465.01
4141376.41 0.05396
578485.01 4141376.41 0.06120 578505.01
4141376.41 0.07030
578525.01 4141376.41 0.08163 578545.01

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4141376.41        0.09405
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4141376.41        0.13054
         578605.01    4141376.41        0.15609                       578625.01
4141376.41        0.18923
         578645.01    4141376.41        0.23314                       578665.01
4141376.41        0.29228
         578685.01    4141376.41        0.37135                       579005.01
4141376.41        8.76505
         579025.01    4141376.41        7.55631                       579045.01
4141376.41        6.22523
         579065.01    4141376.41        5.01812                       579085.01
4141376.41        4.02944
         579105.01    4141376.41        3.24692                       579125.01
4141376.41        2.63642
         579145.01    4141376.41        2.15210                       579165.01
4141376.41        1.76435
         579185.01    4141376.41        1.45532                       579205.01
4141376.41        1.21344
         579225.01    4141376.41        1.02841                       579245.01
4141376.41        0.88835
         579265.01    4141376.41        0.78142                       579285.01
4141376.41        0.69970
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 323
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579305.01    4141376.41        0.63506                       578385.01
4141396.41        0.03656
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4141396.41        0.04293
         578445.01    4141396.41        0.04739                       578465.01
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4141396.41 0.05309
578485.01 4141396.41 0.05999 578505.01
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4141396.41 0.09158
578565.01 4141396.41 0.10732 578585.01
4141396.41 0.12710
578605.01 4141396.41 0.15235 578625.01
4141396.41 0.18527
578645.01 4141396.41 0.22900 578665.01
4141396.41 0.28798
579005.01 4141396.41 9.69346 579025.01
4141396.41 8.09381
579045.01 4141396.41 6.47605 579065.01
4141396.41 5.10147
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4141396.41 3.20301
579125.01 4141396.41 2.56876 579145.01
4141396.41 2.07069
579165.01 4141396.41 1.68151 579185.01
4141396.41 1.38414
579205.01 4141396.41 1.16154 579225.01
4141396.41 0.99551
579245.01 4141396.41 0.87142 579265.01
4141396.41 0.77663
579285.01 4141396.41 0.70215 579305.01
4141396.41 0.64068
578385.01 4141416.41 0.03812 578405.01
4141416.41 0.04071
578425.01 4141416.41 0.04392 578445.01
4141416.41 0.04794
578465.01 4141416.41 0.05296 578485.01
4141416.41 0.05932
578505.01 4141416.41 0.06706 578525.01
4141416.41 0.07693
578545.01 4141416.41 0.08927 578565.01
4141416.41 0.10433
578585.01 4141416.41 0.12361 578605.01
4141416.41 0.14821
578625.01 4141416.41 0.18037 578645.01
4141416.41 0.22320
578665.01 4141416.41 0.28207 579025.01
4141416.41 8.60484
579045.01 4141416.41 6.67659 579065.01
4141416.41 5.13787
579085.01 4141416.41 3.99058 579105.01
4141416.41 3.12351
579125.01 4141416.41 2.46804 579145.01
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579165.01 4141416.41 1.59583 579185.01

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         579245.01    4141416.41        0.86713                       579265.01
4141416.41        0.78016
         579285.01    4141416.41        0.70766                       579305.01
4141416.41        0.64664
         578385.01    4141436.41        0.04031                       578405.01
4141436.41        0.04282
         578425.01    4141436.41        0.04583                       578445.01
4141436.41        0.04958
         578465.01    4141436.41        0.05414                       578485.01
4141436.41        0.05986
         578505.01    4141436.41        0.06681                       578525.01
4141436.41        0.07602
         578545.01    4141436.41        0.08743                       578565.01
4141436.41        0.10183
         578585.01    4141436.41        0.12057                       578605.01
4141436.41        0.14443
         578625.01    4141436.41        0.17559                       578645.01
4141436.41        0.21726
         579025.01    4141436.41        9.05129                       579045.01
4141436.41        6.81107
         579065.01    4141436.41        5.12227                       579085.01
4141436.41        3.89930
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 324
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10  ***
                                   INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141436.41        2.34063
         579145.01    4141436.41        1.86444                       579165.01
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4141436.41 1.52368
579185.01 4141436.41 1.28150 579205.01
4141436.41 1.10659
579225.01 4141436.41 0.97551 579245.01
4141436.41 0.87207
579265.01 4141436.41 0.78624 579285.01
4141436.41 0.71317
579305.01 4141436.41 0.64934 579325.01
4141436.41 0.59229
578385.01 4141456.41 0.04297 578405.01
4141456.41 0.04554
578425.01 4141456.41 0.04852 578445.01
4141456.41 0.05209
578465.01 4141456.41 0.05635 578485.01
4141456.41 0.06167
578505.01 4141456.41 0.06792 578525.01
4141456.41 0.07657
578545.01 4141456.41 0.08675 578565.01
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578585.01 4141456.41 0.11842 578605.01
4141456.41 0.14128
578625.01 4141456.41 0.17131 578645.01
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579045.01 4141456.41 6.83691 579065.01
4141456.41 5.02015
579085.01 4141456.41 3.73302 579105.01
4141456.41 2.83224
579125.01 4141456.41 2.20806 579145.01
4141456.41 1.77788
579165.01 4141456.41 1.47792 579185.01
4141456.41 1.26487
579205.01 4141456.41 1.10612 579225.01
4141456.41 0.98164
579245.01 4141456.41 0.87787 579265.01
4141456.41 0.78987
578385.01 4141476.41 0.04567 578405.01
4141476.41 0.04854
578425.01 4141476.41 0.05173 578445.01
4141476.41 0.05531
578465.01 4141476.41 0.05957 578485.01
4141476.41 0.06477
578505.01 4141476.41 0.07076 578525.01
4141476.41 0.07896
578545.01 4141476.41 0.08791 578565.01
4141476.41 0.10051
578585.01 4141476.41 0.11704 578605.01
4141476.41 0.13885
578625.01 4141476.41 0.16773 578645.01
4141476.41 0.20688
579065.01 4141476.41 4.79428 579085.01

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4141476.41        1.46147
         579185.01    4141476.41        1.26415                       579205.01
4141476.41        1.11052
         579225.01    4141476.41        0.98489                       578385.01
4141496.41        0.04809
         578405.01    4141496.41        0.05139                       578425.01
4141496.41        0.05496
         578445.01    4141496.41        0.05893                       578465.01
4141496.41        0.06347
         578485.01    4141496.41        0.06884                       578505.01
4141496.41        0.07483
         578525.01    4141496.41        0.08290                       578545.01
4141496.41        0.09127
         578565.01    4141496.41        0.10272                       578585.01
4141496.41        0.11784
         578605.01    4141496.41        0.13790                       578625.01
4141496.41        0.16490
         578645.01    4141496.41        0.20261                       579085.01
4141496.41        3.28970
         579105.01    4141496.41        2.53084                       579125.01
4141496.41        2.03800
         579145.01    4141496.41        1.70417                       579165.01
4141496.41        1.45996
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 325
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141496.41        1.11020
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         578425.01    4141516.41        0.05777                   578445.01
4141516.41        0.06227
         578465.01    4141516.41        0.06735                   578485.01
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         578505.01    4141516.41        0.07966                   578525.01
4141516.41        0.08817
         578545.01    4141516.41        0.09640                   578565.01
4141516.41        0.10763
         578585.01    4141516.41        0.12171                   578605.01
4141516.41        0.14017
         578625.01    4141516.41        0.16523                   578645.01
4141516.41        0.20043
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4141516.41        2.45897
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4141536.41        0.05100
         578405.01    4141536.41        0.05507                   578425.01
4141536.41        0.05970
         578445.01    4141536.41        0.06490                   578465.01
4141536.41        0.07062
         578485.01    4141536.41        0.07715                   578505.01
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         578645.01    4141536.41        0.20181                   578665.01
4141536.41        0.24719
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4141536.41        2.00256
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4141556.41        0.05179
         578405.01    4141556.41        0.05610                   578425.01
4141556.41        0.06097
         578445.01    4141556.41        0.06655                   578465.01
4141556.41        0.07292
         578485.01    4141556.41        0.08009                   578505.01
4141556.41        0.08823
         578525.01    4141556.41        0.09847                   578545.01
4141556.41        0.10844
         578565.01    4141556.41        0.12134                   578585.01
4141556.41        0.13654
         578605.01    4141556.41        0.15520                   578625.01
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4141556.41        0.17845
         578645.01    4141556.41        0.20886                       578665.01
4141556.41        0.25043
         578685.01    4141556.41        0.31073                       579165.01
4141556.41        1.37868
         579185.01    4141556.41        1.17906                       579205.01
4141556.41        1.01893
         578385.01    4141576.41        0.05259                       578405.01
4141576.41        0.05700
         578425.01    4141576.41        0.06205                       578445.01
4141576.41        0.06785
         578465.01    4141576.41        0.07443                       578485.01
4141576.41        0.08207
         578505.01    4141576.41        0.09104                       578525.01
4141576.41        0.10206
         578545.01    4141576.41        0.11354                       578565.01
4141576.41        0.12771
         578585.01    4141576.41        0.14452                       578605.01
4141576.41        0.16480
         578625.01    4141576.41        0.18980                       578645.01
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         578665.01    4141576.41        0.26282                       578685.01
4141576.41        0.31923
         578705.01    4141576.41        0.40311                       579145.01
4141576.41        1.54246
         579165.01    4141576.41        1.29964                       579185.01
4141576.41        1.11026
         579205.01    4141576.41        0.95860                       579225.01
4141576.41        0.83580
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 326
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10  ***
                                   INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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579245.01	4141576.41	0.73432	579265.01	4141576.41	0.65124
578385.01	4141596.41	0.05374	578405.01	4141596.41	0.05832
578425.01	4141596.41	0.06342	578445.01	4141596.41	0.06937
578465.01	4141596.41	0.07616	578485.01	4141596.41	0.08408
578505.01	4141596.41	0.09359	578525.01	4141596.41	0.10502
578545.01	4141596.41	0.11755	578565.01	4141596.41	0.13315
578585.01	4141596.41	0.15156	578605.01	4141596.41	0.17377
578625.01	4141596.41	0.20125	578645.01	4141596.41	0.23586
578665.01	4141596.41	0.28082	578685.01	4141596.41	0.34012
578705.01	4141596.41	0.42114	578725.01	4141596.41	0.54727
578745.01	4141596.41	0.76394	579105.01	4141596.41	2.09552
579145.01	4141596.41	1.41769	579165.01	4141596.41	1.19550
579185.01	4141596.41	1.02183	579205.01	4141596.41	0.88347
579225.01	4141596.41	0.77114	579245.01	4141596.41	0.67871
579265.01	4141596.41	0.60250	579285.01	4141596.41	0.53589
579305.01	4141596.41	0.48204	579325.01	4141596.41	0.43543
579345.01	4141596.41	0.39610	578385.01	4141616.41	0.05529
578405.01	4141616.41	0.06003	578425.01	4141616.41	0.06541
578445.01	4141616.41	0.07149	578465.01	4141616.41	0.07852
578485.01	4141616.41	0.08669	578505.01	4141616.41	0.09647
578525.01	4141616.41	0.10866	578545.01	4141616.41	0.12147
578565.01	4141616.41	0.13807	578585.01	4141616.41	0.15771
578605.01	4141616.41	0.18179	578625.01	4141616.41	0.21180
578645.01	4141616.41	0.24919	578665.01	4141616.41	0.29827
578685.01	4141616.41	0.36427	578705.01		

4141616.41   0.45504
         578725.01   4141616.41   0.58508   578745.01
4141616.41   0.79312
         579065.01   4141616.41   2.97581   579085.01
4141616.41   2.31345
         579105.01   4141616.41   1.85143   579125.01
4141616.41   1.51682
         579165.01   4141616.41   1.07048   579185.01
4141616.41   0.91867
         579205.01   4141616.41   0.79652   579225.01
4141616.41   0.69676
         579245.01   4141616.41   0.61469   579265.01
4141616.41   0.54644
         579285.01   4141616.41   0.48642   579305.01
4141616.41   0.43822
         579325.01   4141616.41   0.39704   579345.01
4141616.41   0.36207
         578385.01   4141636.41   0.05706   578405.01
4141636.41   0.06195
         578425.01   4141636.41   0.06752   578445.01
4141636.41   0.07393
         578465.01   4141636.41   0.08132   578485.01
4141636.41   0.08976
         578505.01   4141636.41   0.09986   578525.01
4141636.41   0.11201
         578545.01   4141636.41   0.12597   578565.01
4141636.41   0.14319
         578585.01   4141636.41   0.16448   578605.01
4141636.41   0.19028
         578625.01   4141636.41   0.22212   578645.01
4141636.41   0.26308

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10 ***
                                   INCLUDING SOURCE(S):   CONSTR3_1D ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

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

Y-COORD (M)   CONC
- -
578665.01   4141636.41   0.31641   578685.01
4141636.41   0.38968
578705.01   4141636.41   0.49229   578725.01
4141636.41   0.63824
579045.01   4141636.41   3.20730   579065.01
4141636.41   2.45252
579085.01   4141636.41   1.93944   579105.01
4141636.41   1.57285
579125.01   4141636.41   1.30065   579165.01
4141636.41   0.93425
579185.01   4141636.41   0.80557   579205.01
4141636.41   0.70214
579225.01   4141636.41   0.61725   579245.01
4141636.41   0.54711
579265.01   4141636.41   0.48767   579285.01
4141636.41   0.43687
579305.01   4141636.41   0.39458   579325.01
4141636.41   0.35811
579345.01   4141636.41   0.32670   578385.01
4141656.41   0.05854
578405.01   4141656.41   0.06360   578425.01
4141656.41   0.06926
578445.01   4141656.41   0.07588   578465.01
4141656.41   0.08376
578485.01   4141656.41   0.09266   578505.01
4141656.41   0.10363
578525.01   4141656.41   0.11583   578545.01
4141656.41   0.13065
578565.01   4141656.41   0.14882   578585.01
4141656.41   0.17112
578605.01   4141656.41   0.19885   578625.01
4141656.41   0.23436
578645.01   4141656.41   0.27894   578665.01
4141656.41   0.33776
578685.01   4141656.41   0.42141   578705.01
4141656.41   0.53488
578725.01   4141656.41   0.70686   579005.01
4141656.41   4.33793
579025.01   4141656.41   3.18838   579045.01
4141656.41   2.44100
579065.01   4141656.41   1.93075   579085.01
4141656.41   1.56457
579105.01   4141656.41   1.29350   579125.01
4141656.41   1.08745
579145.01   4141656.41   0.92628   579185.01
4141656.41   0.69473
579205.01   4141656.41   0.61036   579225.01

4141656.41   0.54041
         579245.01   4141656.41   0.48223   579265.01
4141656.41   0.43130
         579285.01   4141656.41   0.38881   579305.01
4141656.41   0.35300
         579325.01   4141656.41   0.32106   579345.01
4141656.41   0.29357
         578385.01   4141676.41   0.05934   578405.01
4141676.41   0.06445
         578425.01   4141676.41   0.07028   578445.01
4141676.41   0.07714
         578465.01   4141676.41   0.08536   578485.01
4141676.41   0.09469
         578505.01   4141676.41   0.10630   578525.01
4141676.41   0.11931
         578545.01   4141676.41   0.13514   578565.01
4141676.41   0.15450
         578585.01   4141676.41   0.17852   578605.01
4141676.41   0.20841
         578625.01   4141676.41   0.24712   578645.01
4141676.41   0.29839
         578665.01   4141676.41   0.36715   578685.01
4141676.41   0.46039
         578705.01   4141676.41   0.59799   578985.01
4141676.41   3.81661
         579005.01   4141676.41   2.87223   579025.01
4141676.41   2.24580
         579045.01   4141676.41   1.80422   579065.01
4141676.41   1.47751
         579085.01   4141676.41   1.23249   579105.01
4141676.41   1.04183
         579125.01   4141676.41   0.89133   579145.01
4141676.41   0.77131

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10 ***
                                    INCLUDING SOURCE(S):   CONSTR3_1D ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.67424	579185.01	4141676.41	0.59374
579205.01	4141676.41	0.52661	579225.01	4141676.41	0.47007
579245.01	4141676.41	0.42247	579265.01	4141676.41	0.38151
579285.01	4141676.41	0.34559	579305.01	4141676.41	0.31412
579325.01	4141676.41	0.28785	579345.01	4141676.41	0.26501
578385.01	4141696.41	0.05956	578405.01	4141696.41	0.06480
578425.01	4141696.41	0.07100	578445.01	4141696.41	0.07839
578465.01	4141696.41	0.08678	578485.01	4141696.41	0.09652
578505.01	4141696.41	0.10877	578525.01	4141696.41	0.12321
578565.01	4141696.41	0.16157	578585.01	4141696.41	0.18816
578605.01	4141696.41	0.22195	578625.01	4141696.41	0.26562
578645.01	4141696.41	0.32578	578665.01	4141696.41	0.40780
578685.01	4141696.41	0.52429	578945.01	4141696.41	4.54085
578965.01	4141696.41	3.22371	578985.01	4141696.41	2.43940
579005.01	4141696.41	1.93591	579025.01	4141696.41	1.58289
579045.01	4141696.41	1.32130	579065.01	4141696.41	1.12019
579085.01	4141696.41	0.96008	579105.01	4141696.41	0.83097
579125.01	4141696.41	0.72451	579145.01	4141696.41	0.63781
579165.01	4141696.41	0.56560	579185.01	4141696.41	0.50433
579205.01	4141696.41	0.45222	579225.01	4141696.41	0.40763
579245.01	4141696.41	0.36871	579265.01	4141696.41	0.33583
579285.01	4141696.41	0.30672	579305.01	4141696.41	0.28027
579325.01	4141696.41	0.25832	579345.01		

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4141696.41        0.23872
         578385.01    4141716.41        0.05996                       578405.01
4141716.41        0.06558
         578425.01    4141716.41        0.07230                       578445.01
4141716.41        0.08010
         578465.01    4141716.41        0.08892                       578485.01
4141716.41        0.09953
         578505.01    4141716.41        0.11309                       578525.01
4141716.41        0.12956
         578605.01    4141716.41        0.24237                       578625.01
4141716.41        0.29557
         578645.01    4141716.41        0.36922                       578665.01
4141716.41        0.47189
         578685.01    4141716.41        0.62838                       578905.01
4141716.41        5.58629
         578925.01    4141716.41        3.75711                       578945.01
4141716.41        2.72248
         578965.01    4141716.41        2.06757                       578985.01
4141716.41        1.63839
         579005.01    4141716.41        1.34590                       579025.01
4141716.41        1.13688
         579045.01    4141716.41        0.97717                       579065.01
4141716.41        0.84950
         579085.01    4141716.41        0.74618                       579105.01
4141716.41        0.66091
         579125.01    4141716.41        0.58768                       579145.01
4141716.41        0.52506
         579165.01    4141716.41        0.47256                       579185.01
4141716.41        0.42675
         579205.01    4141716.41        0.38700                       579225.01
4141716.41        0.35234
         579245.01    4141716.41        0.32071                       579265.01
4141716.41        0.29464
         579285.01    4141716.41        0.27112                       579305.01
4141716.41        0.24939
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 329
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10  ***
                                   INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.23095	579345.01	4141716.41	0.21466
578385.01	4141736.41	0.06124	578405.01	4141736.41	0.06754
578425.01	4141736.41	0.07483	578445.01	4141736.41	0.08311
578465.01	4141736.41	0.09287	578485.01	4141736.41	0.10487
578505.01	4141736.41	0.12184	578625.01	4141736.41	0.33944
578645.01	4141736.41	0.43090	578665.01	4141736.41	0.56626
578865.01	4141736.41	6.85042	578885.01	4141736.41	4.84160
578905.01	4141736.41	3.32165	578925.01	4141736.41	2.38712
578945.01	4141736.41	1.81499	578965.01	4141736.41	1.42523
578985.01	4141736.41	1.16151	579005.01	4141736.41	0.97631
579025.01	4141736.41	0.84010	579045.01	4141736.41	0.73529
579065.01	4141736.41	0.65257	579085.01	4141736.41	0.58472
579105.01	4141736.41	0.52690	579125.01	4141736.41	0.47635
579145.01	4141736.41	0.43243	579165.01	4141736.41	0.39399
579185.01	4141736.41	0.36016	579205.01	4141736.41	0.33023
579225.01	4141736.41	0.30365	579245.01	4141736.41	0.27963
579265.01	4141736.41	0.25797	579285.01	4141736.41	0.23913
579305.01	4141736.41	0.22255	579325.01	4141736.41	0.20719
579345.01	4141736.41	0.19332	578385.01	4141756.41	0.06403
578405.01	4141756.41	0.07092	578425.01	4141756.41	0.07889
578445.01	4141756.41	0.08825	578465.01	4141756.41	0.09934
578485.01	4141756.41	0.11406	578845.01		

4141756.41   5.37465
         578865.01   4141756.41   4.17100   578885.01
4141756.41   3.04353
         578905.01   4141756.41   2.21438   578925.01
4141756.41   1.67598
         578945.01   4141756.41   1.31094   578965.01
4141756.41   1.05264
         578985.01   4141756.41   0.86910   579005.01
4141756.41   0.73896
         579025.01   4141756.41   0.64331   579045.01
4141756.41   0.57051
         579065.01   4141756.41   0.51249   579085.01
4141756.41   0.46467
         579105.01   4141756.41   0.42357   579125.01
4141756.41   0.38793
         579145.01   4141756.41   0.35657   579165.01
4141756.41   0.32871
         579185.01   4141756.41   0.30382   579205.01
4141756.41   0.28137
         579225.01   4141756.41   0.26116   579245.01
4141756.41   0.24288
         579265.01   4141756.41   0.22630   579285.01
4141756.41   0.21081
         579305.01   4141756.41   0.19706   579325.01
4141756.41   0.18496
         579345.01   4141756.41   0.17352   578385.01
4141776.41   0.06787
         578405.01   4141776.41   0.07560   578425.01
4141776.41   0.08426
         578445.01   4141776.41   0.09471   578465.01
4141776.41   0.10779
         578485.01   4141776.41   0.12484   578825.01
4141776.41   4.15913
         578845.01   4141776.41   3.52026   578865.01
4141776.41   2.75688
         578885.01   4141776.41   2.07346   578905.01
4141776.41   1.58750

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10 ***
                                   INCLUDING SOURCE(S):   CONSTR3_1D ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	1.25237	578945.01	4141776.41	1.00377
578965.01	4141776.41	0.81465	578985.01	4141776.41	0.68088
579005.01	4141776.41	0.58434	579025.01	4141776.41	0.51219
579045.01	4141776.41	0.45630	579065.01	4141776.41	0.41228
579085.01	4141776.41	0.37593	579105.01	4141776.41	0.34538
579125.01	4141776.41	0.31908	579145.01	4141776.41	0.29599
579165.01	4141776.41	0.27540	579185.01	4141776.41	0.25688
579205.01	4141776.41	0.23997	579225.01	4141776.41	0.22459
579245.01	4141776.41	0.21052	579265.01	4141776.41	0.19759
579285.01	4141776.41	0.18571	579305.01	4141776.41	0.17412
579325.01	4141776.41	0.16468	579345.01	4141776.41	0.15538
578405.01	4141796.41	0.08111	578425.01	4141796.41	0.09095
578445.01	4141796.41	0.10292	578465.01	4141796.41	0.11943
578805.01	4141796.41	3.26241	578825.01	4141796.41	2.92500
578845.01	4141796.41	2.41419	578865.01	4141796.41	1.92527
578885.01	4141796.41	1.50304	578905.01	4141796.41	1.19581
578925.01	4141796.41	0.97319	578945.01	4141796.41	0.79532
578965.01	4141796.41	0.65703	578985.01	4141796.41	0.55438
579005.01	4141796.41	0.47805	579025.01	4141796.41	0.42026
579045.01	4141796.41	0.37547	579065.01	4141796.41	0.33995
579085.01	4141796.41	0.31104	579105.01		

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4141796.41        0.28693
         579125.01    4141796.41        0.26634                       579145.01
4141796.41        0.24845
         579165.01    4141796.41        0.23263                       579185.01
4141796.41        0.21844
         579205.01    4141796.41        0.20547                       579225.01
4141796.41        0.19361
         579245.01    4141796.41        0.18258                       579265.01
4141796.41        0.17261
         579285.01    4141796.41        0.16285                       579305.01
4141796.41        0.15394
         579325.01    4141796.41        0.14594                       579345.01
4141796.41        0.13843
         578445.01    4141816.41        0.11355                       578585.01
4141816.41        0.39782
         578605.01    4141816.41        0.50341                       578665.01
4141816.41        1.04638
         578685.01    4141816.41        1.32389                       578785.01
4141816.41        2.59682
         578805.01    4141816.41        2.43910                       578825.01
4141816.41        2.11814
         578845.01    4141816.41        1.74109                       578865.01
4141816.41        1.40706
         578885.01    4141816.41        1.13845                       578905.01
4141816.41        0.93469
         578925.01    4141816.41        0.77864                       578945.01
4141816.41        0.64863
         578965.01    4141816.41        0.54374                       578985.01
4141816.41        0.46270
         579005.01    4141816.41        0.40107                       579025.01
4141816.41        0.35359
         579045.01    4141816.41        0.31644                       579065.01
4141816.41        0.28691
         579085.01    4141816.41        0.26295                       579105.01
4141816.41        0.24301
         579125.01    4141816.41        0.22611                       579145.01
4141816.41        0.21154
         579165.01    4141816.41        0.19877                       579185.01
4141816.41        0.18745
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.17715	579225.01	4141816.41	0.16778
579245.01	4141816.41	0.15887	579265.01	4141816.41	0.15032
579285.01	4141816.41	0.14314	579305.01	4141816.41	0.13666
579325.01	4141816.41	0.12985	579345.01	4141816.41	0.12370
578565.01	4141836.41	0.36685	578585.01	4141836.41	0.45484
578605.01	4141836.41	0.57012	578625.01	4141836.41	0.71153
578645.01	4141836.41	0.88362	578665.01	4141836.41	1.09154
578685.01	4141836.41	1.32799	578705.01	4141836.41	1.58129
578725.01	4141836.41	1.82783	578765.01	4141836.41	2.09809
578785.01	4141836.41	2.03694	578805.01	4141836.41	1.84631
578825.01	4141836.41	1.57852	578845.01	4141836.41	1.30553
578865.01	4141836.41	1.07652	578885.01	4141836.41	0.89190
578905.01	4141836.41	0.75217	578925.01	4141836.41	0.63751
578945.01	4141836.41	0.53908	578965.01	4141836.41	0.45775
578985.01	4141836.41	0.39344	579005.01	4141836.41	0.34321
579025.01	4141836.41	0.30365	579045.01	4141836.41	0.27215
579065.01	4141836.41	0.24689	579085.01	4141836.41	0.22642
579105.01	4141836.41	0.20943	579125.01	4141836.41	0.19510
579145.01	4141836.41	0.18279	579165.01	4141836.41	0.17210
579185.01	4141836.41	0.16265	579205.01		

4141836.41 0.15417
  579225.01 4141836.41 0.14651 579245.01
4141836.41 0.13948
  579265.01 4141836.41 0.13243 579285.01
4141836.41 0.12645
  579305.01 4141836.41 0.12101 579325.01
4141836.41 0.11551
  579345.01 4141836.41 0.11090 578565.01
4141856.41 0.41456
  578585.01 4141856.41 0.50753 578605.01
4141856.41 0.62115
  578625.01 4141856.41 0.75658 578645.01
4141856.41 0.91421
  578665.01 4141856.41 1.09256 578685.01
4141856.41 1.28274
  578705.01 4141856.41 1.46922 578725.01
4141856.41 1.62560
  578745.01 4141856.41 1.71465 578765.01
4141856.41 1.71067
  578785.01 4141856.41 1.60669 578805.01
4141856.41 1.42381
  578825.01 4141856.41 1.20780 578845.01
4141856.41 1.01192
  578865.01 4141856.41 0.84792 578885.01
4141856.41 0.71917
  578905.01 4141856.41 0.61877 578925.01
4141856.41 0.53172
  578945.01 4141856.41 0.45534 578965.01
4141856.41 0.39111
  578985.01 4141856.41 0.33927 579005.01
4141856.41 0.29803
  579025.01 4141856.41 0.26487 579045.01
4141856.41 0.23792
  579065.01 4141856.41 0.21596 579085.01
4141856.41 0.19808
  579105.01 4141856.41 0.18323 579125.01
4141856.41 0.17076
  579145.01 4141856.41 0.16013 579165.01
4141856.41 0.15090
  579185.01 4141856.41 0.14276 579205.01
4141856.41 0.13554

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.12910	579245.01	4141856.41	0.12319
579265.01	4141856.41	0.11754	579285.01	4141856.41	0.11275
579305.01	4141856.41	0.10804	579325.01	4141856.41	0.10315
579345.01	4141856.41	0.09941	578545.01	4141876.41	0.37667
578565.01	4141876.41	0.45450	578585.01	4141876.41	0.54600
578605.01	4141876.41	0.65336	578625.01	4141876.41	0.77662
578645.01	4141876.41	0.91430	578665.01	4141876.41	1.06115
578685.01	4141876.41	1.20636	578705.01	4141876.41	1.33367
578725.01	4141876.41	1.41880	578745.01	4141876.41	1.44184
578765.01	4141876.41	1.39179	578785.01	4141876.41	1.27498
578805.01	4141876.41	1.11590	578825.01	4141876.41	0.94909
578845.01	4141876.41	0.80218	578865.01	4141876.41	0.68449
578885.01	4141876.41	0.59337	578905.01	4141876.41	0.51805
578925.01	4141876.41	0.45026	578945.01	4141876.41	0.38981
578965.01	4141876.41	0.33815	578985.01	4141876.41	0.29596
579005.01	4141876.41	0.26179	579025.01	4141876.41	0.23381
579045.01	4141876.41	0.21069	579065.01	4141876.41	0.19150
579085.01	4141876.41	0.17563	579105.01	4141876.41	0.16237
579125.01	4141876.41	0.15130	579145.01		

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4141876.41        0.14192
         579165.01    4141876.41        0.13381                        579185.01
4141876.41        0.12665
         579205.01    4141876.41        0.12035                        579225.01
4141876.41        0.11476
         579245.01    4141876.41        0.10969                        579265.01
4141876.41        0.10496
         579285.01    4141876.41        0.10081                        579305.01
4141876.41        0.09682
         579325.01    4141876.41        0.09270                        579345.01
4141876.41        0.08952
         578545.01    4141896.41        0.40783                        578565.01
4141896.41        0.48303
         578585.01    4141896.41        0.56956                        578605.01
4141896.41        0.66808
         578625.01    4141896.41        0.77631                        578645.01
4141896.41        0.89147
         578665.01    4141896.41        1.00739                        578685.01
4141896.41        1.11140
         578705.01    4141896.41        1.18740                        578725.01
4141896.41        1.22366
         578745.01    4141896.41        1.20791                        578765.01
4141896.41        1.13705
         578785.01    4141896.41        1.02392                        578805.01
4141896.41        0.88979
         578825.01    4141896.41        0.76071                        578845.01
4141896.41        0.65131
         578865.01    4141896.41        0.56625                        578885.01
4141896.41        0.49876
         578905.01    4141896.41        0.43992                        578925.01
4141896.41        0.38580
         578945.01    4141896.41        0.33741                        578965.01
4141896.41        0.29544
         578985.01    4141896.41        0.26047                        579005.01
4141896.41        0.23185
         579025.01    4141896.41        0.20826                        579045.01
4141896.41        0.18842
         579065.01    4141896.41        0.17161                        579085.01
4141896.41        0.15749
         579105.01    4141896.41        0.14554                        579125.01
4141896.41        0.13558
         579145.01    4141896.41        0.12711                        579165.01
4141896.41        0.11984
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.11344	579205.01	4141896.41	0.10782
579225.01	4141896.41	0.10287	579245.01	4141896.41	0.09844
579265.01	4141896.41	0.09440	579285.01	4141896.41	0.09073
579305.01	4141896.41	0.08728	579325.01	4141896.41	0.08407
579345.01	4141896.41	0.08103	578565.01	4141916.41	0.50126
578585.01	4141916.41	0.57916	578605.01	4141916.41	0.66680
578625.01	4141916.41	0.75896	578645.01	4141916.41	0.85193
578665.01	4141916.41	0.93792	578685.01	4141916.41	1.00530
578705.01	4141916.41	1.04500	578725.01	4141916.41	1.04900
578745.01	4141916.41	1.00911	578765.01	4141916.41	0.93306
578785.01	4141916.41	0.83085	578805.01	4141916.41	0.72155
578825.01	4141916.41	0.62110	578845.01	4141916.41	0.53991
578865.01	4141916.41	0.47694	578885.01	4141916.41	0.42523
578905.01	4141916.41	0.37877	578925.01	4141916.41	0.33515
578945.01	4141916.41	0.29498	578965.01	4141916.41	0.26040
578985.01	4141916.41	0.23117	579005.01	4141916.41	0.20694
579025.01	4141916.41	0.18674	579045.01	4141916.41	0.16967
579065.01	4141916.41	0.15506	579085.01		

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4141916.41        0.14251
         579105.01    4141916.41        0.13176                      579125.01
4141916.41        0.12268
         579145.01    4141916.41        0.11495                      579165.01
4141916.41        0.10831
         579185.01    4141916.41        0.10249                      578386.27
4141125.26        0.04519
         578406.27    4141125.26        0.04950                      578426.27
4141125.26        0.05438
         578446.27    4141125.26        0.06018                      578466.27
4141125.26        0.06739
         578486.27    4141125.26        0.07599                      578506.27
4141125.26        0.08647
         578526.27    4141125.26        0.09856                      578546.27
4141125.26        0.11304
         578566.27    4141125.26        0.13004                      578586.27
4141125.26        0.14995
         578606.27    4141125.26        0.17297                      578626.27
4141125.26        0.19803
         578646.27    4141125.26        0.22649                      578666.27
4141125.26        0.25881
         578686.27    4141125.26        0.29445                      578706.27
4141125.26        0.33492
         578726.27    4141125.26        0.38218                      578746.27
4141125.26        0.43897
         578766.27    4141125.26        0.50586                      578786.27
4141125.26        0.58571
         578806.27    4141125.26        0.68379                      578826.27
4141125.26        0.80014
         578846.27    4141125.26        0.94093                      578866.27
4141125.26        1.11138
         578886.27    4141125.26        1.31441                      578906.27
4141125.26        1.54545
         578926.27    4141125.26        1.78977                      578946.27
4141125.26        2.03911
         578966.27    4141125.26        2.27378                      578986.27
4141125.26        2.47288
         579006.27    4141125.26        2.61684                      579026.27
4141125.26        2.69371
         579046.27    4141125.26        2.69256                      579066.27
4141125.26        2.61574
         579086.27    4141125.26        2.48319                      579106.27
4141125.26        2.31071
         579126.27    4141125.26        2.11385                      579146.27
4141125.26        1.90619
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.70158	579186.27	4141125.26	1.51769
579206.27	4141125.26	1.35932	578386.27	4141145.26	0.04488
578406.27	4141145.26	0.04915	578426.27	4141145.26	0.05414
578446.27	4141145.26	0.05979	578466.27	4141145.26	0.06661
578486.27	4141145.26	0.07520	578506.27	4141145.26	0.08537
578526.27	4141145.26	0.09776	578546.27	4141145.26	0.11219
578566.27	4141145.26	0.12961	578586.27	4141145.26	0.14978
578606.27	4141145.26	0.17357	578626.27	4141145.26	0.20079
578646.27	4141145.26	0.23114	578666.27	4141145.26	0.26477
578686.27	4141145.26	0.30336	578706.27	4141145.26	0.34768
578726.27	4141145.26	0.40035	578746.27	4141145.26	0.46135
578766.27	4141145.26	0.53342	578786.27	4141145.26	0.62055
578806.27	4141145.26	0.72749	578826.27	4141145.26	0.85778
578846.27	4141145.26	1.01318	578866.27	4141145.26	1.20468
578886.27	4141145.26	1.43056	578906.27	4141145.26	1.68742
578926.27	4141145.26	1.96470	578946.27	4141145.26	2.24078
578966.27	4141145.26	2.49645	578986.27		

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4141145.26        2.70962
         579006.27    4141145.26        2.85492                    579026.27
4141145.26        2.91469
         579046.27    4141145.26        2.88644                    579066.27
4141145.26        2.78423
         579086.27    4141145.26        2.62468                    579106.27
4141145.26        2.41583
         579126.27    4141145.26        2.18979                    579146.27
4141145.26        1.95694
         579166.27    4141145.26        1.73779                    579186.27
4141145.26        1.54216
         579206.27    4141145.26        1.37719                    578723.62
4141929.59        0.94743
         578743.62    4141929.59        0.90305                    578763.62
4141929.59        0.82841
         578783.62    4141929.59        0.73533                    578803.62
4141929.59        0.63924
         578823.62    4141929.59        0.55385                    578843.62
4141929.59        0.48603
         578863.62    4141929.59        0.43295                    578883.62
4141929.59        0.38861
         578903.62    4141929.59        0.34791                    578923.62
4141929.59        0.30937
         578943.62    4141929.59        0.27385                    578963.62
4141929.59        0.24265
         578983.62    4141929.59        0.21620                    579003.62
4141929.59        0.19411
         579023.62    4141929.59        0.17560                    579043.62
4141929.59        0.15988
         579063.62    4141929.59        0.14637                    579083.62
4141929.59        0.13470
         579103.62    4141929.59        0.12462                    579123.62
4141929.59        0.11596
         579143.62    4141929.59        0.10857                    579163.62
4141929.59        0.10221
         579183.62    4141929.59        0.09665                    578725.67
4141942.60        0.85100
         578745.67    4141942.60        0.80077                    578765.67
4141942.60        0.72599
         578785.67    4141942.60        0.64008                    578805.67
4141942.60        0.55674
         578825.67    4141942.60        0.48661                    578845.67
4141942.60        0.43183
         578865.67    4141942.60        0.38830                    578885.67
4141942.60        0.35056
         578905.67    4141942.60        0.31502                    578925.67
4141942.60        0.28109
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.24988	578965.67	4141942.60	0.22246
578985.67	4141942.60	0.19914	579005.67	4141942.60	0.17952
579025.67	4141942.60	0.16296	579045.67	4141942.60	0.14882
579065.67	4141942.60	0.13661	579085.67	4141942.60	0.12597
579105.67	4141942.60	0.11673	579125.67	4141942.60	0.10876
579145.67	4141942.60	0.10186	579165.67	4141942.60	0.09589
579185.67	4141942.60	0.09067	578745.52	4141955.60	0.71504
578765.52	4141955.60	0.64531	578785.52	4141955.60	0.56798
578805.52	4141955.60	0.49581	578825.52	4141955.60	0.43684
578845.52	4141955.60	0.39105	578865.52	4141955.60	0.35418
578885.52	4141955.60	0.32138	578905.52	4141955.60	0.28993
578925.52	4141955.60	0.25969	578945.52	4141955.60	0.23178
578965.52	4141955.60	0.20719	578985.52	4141955.60	0.18615
579005.52	4141955.60	0.16833	579025.52	4141955.60	0.15320
579045.52	4141955.60	0.14021	579065.52	4141955.60	0.12895
579085.52	4141955.60	0.11911	579105.52		

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4141955.60        0.11050
         579125.52    4141955.60        0.10301                    579145.52
4141955.60        0.09650
         579165.52    4141955.60        0.09082                    579185.52
4141955.60        0.08583
         578785.22    4141971.34        0.49506                    578805.22
4141971.34        0.43494
         578825.22    4141971.34        0.38670                    578845.22
4141971.34        0.34942
         578865.22    4141971.34        0.31898                    578885.22
4141971.34        0.29088
         578905.22    4141971.34        0.26354                    578925.22
4141971.34        0.23705
         578945.22    4141971.34        0.21253                    578965.22
4141971.34        0.19084
         578985.22    4141971.34        0.17218                    579005.22
4141971.34        0.15626
         579025.22    4141971.34        0.14264                    579045.22
4141971.34        0.13087
         579065.22    4141971.34        0.12062                    579085.22
4141971.34        0.11163
         579105.22    4141971.34        0.10373                    579125.22
4141971.34        0.09678
         579145.22    4141971.34        0.09071                    579165.22
4141971.34        0.08535
         579185.22    4141971.34        0.08065                    578790.01
4141986.40        0.42237
         578810.01    4141986.40        0.37518                    578830.01
4141986.40        0.33799
         578850.01    4141986.40        0.30896                    578870.01
4141986.40        0.28377
         578890.01    4141986.40        0.25950                    578910.01
4141986.40        0.23548
         578930.01    4141986.40        0.21233                    578950.01
4141986.40        0.19111
         578970.01    4141986.40        0.17245                    578990.01
4141986.40        0.15638
         579010.01    4141986.40        0.14260                    579030.01
4141986.40        0.13069
         579050.01    4141986.40        0.12033                    579070.01
4141986.40        0.11123
         579090.01    4141986.40        0.10320                    579110.01
4141986.40        0.09614
         579130.01    4141986.40        0.08990                    579150.01
4141986.40        0.08440
         579170.01    4141986.40        0.07951                    579190.01
4141986.40        0.07521
         578810.54    4142001.46        0.33476                    578830.54
4142001.46        0.30435
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*** 12/15/25
*** AERMET - VERSION 18081 *** *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.28030	578870.54	4142001.46	0.25865
578890.54	4142001.46	0.23730	578910.54	4142001.46	0.21594
578930.54	4142001.46	0.19534	578950.54	4142001.46	0.17647
578970.54	4142001.46	0.15984	578990.54	4142001.46	0.14548
579010.54	4142001.46	0.13308	579030.54	4142001.46	0.12231
579050.54	4142001.46	0.11288	579070.54	4142001.46	0.10457
579090.54	4142001.46	0.09719	579110.54	4142001.46	0.09065
579130.54	4142001.46	0.08489	579150.54	4142001.46	0.07974
579170.54	4142001.46	0.07519	579190.54	4142001.46	0.07115

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2

,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.10182	578405.01	4141176.41	0.11345
578425.01	4141176.41	0.12743	578445.01	4141176.41	0.14545
578465.01	4141176.41	0.16489	578485.01	4141176.41	0.18862
578505.01	4141176.41	0.22094	578525.01	4141176.41	0.25606
578545.01	4141176.41	0.29935	578565.01	4141176.41	0.35028
578585.01	4141176.41	0.41277	578605.01	4141176.41	0.48837
578625.01	4141176.41	0.57830	578645.01	4141176.41	0.68777
578665.01	4141176.41	0.82480	578685.01	4141176.41	0.99699
578705.01	4141176.41	1.20397	578725.01	4141176.41	1.45679
578745.01	4141176.41	1.76934	578765.01	4141176.41	2.13959
578785.01	4141176.41	2.58713	578805.01	4141176.41	3.11320
578825.01	4141176.41	3.72529	578845.01	4141176.41	4.41410
578865.01	4141176.41	5.12558	578885.01	4141176.41	5.86110
578905.01	4141176.41	6.57538	578925.01	4141176.41	7.23841
578945.01	4141176.41	7.81783	578965.01	4141176.41	8.24705
578985.01	4141176.41	8.50560	579005.01	4141176.41	8.55989
579025.01	4141176.41	8.43036	579045.01	4141176.41	8.11666
579065.01	4141176.41	7.63439	579085.01	4141176.41	7.01475
579105.01	4141176.41	6.32265	579125.01	4141176.41	5.61049

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         579145.01    4141176.41        4.91873                      579165.01
4141176.41        4.27000
         579185.01    4141176.41        3.70326                      579205.01
4141176.41        3.20107
         579225.01    4141176.41        2.77165                      578385.01
4141196.41        0.10048
         578405.01    4141196.41        0.11179                      578425.01
4141196.41        0.12548
         578445.01    4141196.41        0.14162                      578465.01
4141196.41        0.16223
         578485.01    4141196.41        0.18595                      578505.01
4141196.41        0.21470
         578525.01    4141196.41        0.25322                      578545.01
4141196.41        0.29653
         578565.01    4141196.41        0.34936                      578585.01
4141196.41        0.41342
         578605.01    4141196.41        0.49051                      578625.01
4141196.41        0.58474
         578645.01    4141196.41        0.70382                      578665.01
4141196.41        0.85384
         578685.01    4141196.41        1.03468                      578705.01
4141196.41        1.25821
         578725.01    4141196.41        1.53503                      578745.01
4141196.41        1.87875
         578765.01    4141196.41        2.30351                      578785.01
4141196.41        2.80771
         578805.01    4141196.41        3.41166                      578825.01
4141196.41        4.10707
         578845.01    4141196.41        4.89152                      578865.01
4141196.41        5.73228
         578885.01    4141196.41        6.56355                      578905.01
4141196.41        7.37357
         578925.01    4141196.41        8.12086                      578945.01
4141196.41        8.75456
         578965.01    4141196.41        9.22355                      578985.01
4141196.41        9.45720
         579005.01    4141196.41        9.48391                      579025.01
4141196.41        9.29334
         579045.01    4141196.41        8.86135                      579065.01
4141196.41        8.25011
         579085.01    4141196.41        7.47612                      579105.01
4141196.41        6.63943
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                  PAGE 338
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***

INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	5.80962	579145.01	4141196.41	5.03955
579165.01	4141196.41	4.33434	579185.01	4141196.41	3.71083
579205.01	4141196.41	3.18138	579225.01	4141196.41	2.73899
579245.01	4141196.41	2.37312	578385.01	4141216.41	0.09936
578405.01	4141216.41	0.11038	578425.01	4141216.41	0.12353
578445.01	4141216.41	0.13927	578465.01	4141216.41	0.15958
578485.01	4141216.41	0.18287	578505.01	4141216.41	0.21098
578525.01	4141216.41	0.24981	578545.01	4141216.41	0.29344
578565.01	4141216.41	0.34709	578585.01	4141216.41	0.41301
578605.01	4141216.41	0.49277	578625.01	4141216.41	0.59284
578645.01	4141216.41	0.72047	578665.01	4141216.41	0.87671
578685.01	4141216.41	1.07303	578705.01	4141216.41	1.31449
578725.01	4141216.41	1.61733	578745.01	4141216.41	1.99960
578765.01	4141216.41	2.47944	578785.01	4141216.41	3.06320
578805.01	4141216.41	3.75274	578825.01	4141216.41	4.55677
578845.01	4141216.41	5.45937	578925.01	4141216.41	9.14745
578945.01	4141216.41	9.83385	578965.01	4141216.41	10.36343
578985.01	4141216.41	10.61202	579005.01		

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4141216.41       10.58160
         579025.01    4141216.41       10.25974                      579045.01
4141216.41        9.67997
         579065.01    4141216.41        8.89545                      579085.01
4141216.41        7.94905
         579105.01    4141216.41        6.95237                      579125.01
4141216.41        6.00414
         579145.01    4141216.41        5.13526                      579165.01
4141216.41        4.35571
         579185.01    4141216.41        3.69424                      579205.01
4141216.41        3.14812
         579225.01    4141216.41        2.70247                      579245.01
4141216.41        2.32859
         578385.01    4141236.41        0.09817                      578405.01
4141236.41        0.11011
         578425.01    4141236.41        0.12287                      578445.01
4141236.41        0.13828
         578465.01    4141236.41        0.15692                      578485.01
4141236.41        0.17963
         578505.01    4141236.41        0.21113                      578525.01
4141236.41        0.24669
         578545.01    4141236.41        0.28943                      578565.01
4141236.41        0.34340
         578585.01    4141236.41        0.41131                      578605.01
4141236.41        0.49384
         578625.01    4141236.41        0.59766                      578645.01
4141236.41        0.73069
         578665.01    4141236.41        0.89774                      578685.01
4141236.41        1.10947
         578705.01    4141236.41        1.37437                      578725.01
4141236.41        1.70904
         578745.01    4141236.41        2.13143                      578765.01
4141236.41        2.66908
         578785.01    4141236.41        3.34901                      578805.01
4141236.41        4.15027
         578825.01    4141236.41        5.09095                      578945.01
4141236.41       11.13197
         578965.01    4141236.41       11.66634                      578985.01
4141236.41       11.95114
         579005.01    4141236.41       11.83408                      579025.01
4141236.41       11.36767
         579045.01    4141236.41       10.58474                      579065.01
4141236.41        9.56439
         579085.01    4141236.41        8.43162                      579105.01
4141236.41        7.26172
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	6.16135	579145.01	4141236.41	5.17960
579165.01	4141236.41	4.34919	579185.01	4141236.41	3.65866
579205.01	4141236.41	3.09849	579225.01	4141236.41	2.64989
579245.01	4141236.41	2.27434	578385.01	4141256.41	0.09742
578405.01	4141256.41	0.10888	578425.01	4141256.41	0.12164
578445.01	4141256.41	0.13653	578465.01	4141256.41	0.15450
578485.01	4141256.41	0.17672	578505.01	4141256.41	0.20766
578525.01	4141256.41	0.24236	578545.01	4141256.41	0.28475
578565.01	4141256.41	0.33884	578585.01	4141256.41	0.40791
578605.01	4141256.41	0.49425	578625.01	4141256.41	0.60092
578645.01	4141256.41	0.73722	578665.01	4141256.41	0.91554
578685.01	4141256.41	1.14188	578705.01	4141256.41	1.43532
578725.01	4141256.41	1.80523	578745.01	4141256.41	2.27864
578765.01	4141256.41	2.88738	578785.01	4141256.41	3.66299
578805.01	4141256.41	4.62229	578965.01	4141256.41	13.24019
578985.01	4141256.41	13.47429	579005.01	4141256.41	13.31008

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         579025.01    4141256.41       12.63118                       579045.01
4141256.41       11.59401
         579065.01    4141256.41       10.29691                       579085.01
4141256.41        8.90916
         579105.01    4141256.41        7.51392                       579125.01
4141256.41        6.25996
         579145.01    4141256.41        5.19104                       579165.01
4141256.41        4.31386
         579185.01    4141256.41        3.60742                       579205.01
4141256.41        3.03773
         579225.01    4141256.41        2.58174                       579245.01
4141256.41        2.21370
         579265.01    4141256.41        1.91283                       578385.01
4141276.41        0.09990
         578405.01    4141276.41        0.10801                       578425.01
4141276.41        0.12027
         578445.01    4141276.41        0.13701                       578465.01
4141276.41        0.15266
         578485.01    4141276.41        0.17662                       578505.01
4141276.41        0.20368
         578525.01    4141276.41        0.23775                       578545.01
4141276.41        0.27983
         578565.01    4141276.41        0.33305                       578585.01
4141276.41        0.40252
         578605.01    4141276.41        0.49004                       578625.01
4141276.41        0.60281
         578645.01    4141276.41        0.74442                       578665.01
4141276.41        0.93036
         578685.01    4141276.41        1.17279                       578705.01
4141276.41        1.49062
         578725.01    4141276.41        1.90884                       578745.01
4141276.41        2.44078
         578765.01    4141276.41        3.14305                       578785.01
4141276.41        4.04233
         578985.01    4141276.41       15.31936                       579005.01
4141276.41       14.99801
         579025.01    4141276.41       14.11783                       579045.01
4141276.41       12.72730
         579065.01    4141276.41       11.08696                       579085.01
4141276.41        9.33417
         579105.01    4141276.41        7.71936                       579125.01
4141276.41        6.31889
         579145.01    4141276.41        5.17547                       579165.01
4141276.41        4.25425
         579185.01    4141276.41        3.52669                       579205.01
4141276.41        2.95483
         579225.01    4141276.41        2.50367                       579245.01
4141276.41        2.14298
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11 ***
                                  INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         579265.01   4141276.41   1.85679   578385.01
4141296.41   0.09768
         578405.01   4141296.41   0.11022   578425.01
4141296.41   0.11954
         578445.01   4141296.41   0.13371   578465.01
4141296.41   0.15321
         578485.01   4141296.41   0.17460   578505.01
4141296.41   0.20073
         578525.01   4141296.41   0.23357   578545.01
4141296.41   0.27481
         578565.01   4141296.41   0.32733   578585.01
4141296.41   0.39524
         578605.01   4141296.41   0.48390   578625.01
4141296.41   0.59983
         578645.01   4141296.41   0.75027   578665.01
4141296.41   0.94325
         578685.01   4141296.41   1.20198   578705.01
4141296.41   1.54736
         578725.01   4141296.41   2.00779   578745.01
4141296.41   2.62220
         579005.01   4141296.41   17.03079   579025.01
4141296.41   15.80157
         579045.01   4141296.41   13.96982   579065.01
4141296.41   11.81858
         579085.01   4141296.41   9.72058   579105.01
4141296.41   7.87415
         579125.01   4141296.41   6.33120   579145.01
4141296.41   5.09529
         579165.01   4141296.41   4.15665   579185.01

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4141296.41        3.42137
         579205.01    4141296.41        2.85653                    579225.01
4141296.41        2.41756
         579245.01    4141296.41        2.06834                    579265.01
4141296.41        1.79610
         579285.01    4141296.41        1.57492                    578385.01
4141316.41        0.09807
         578405.01    4141316.41        0.10768                    578425.01
4141316.41        0.12223
         578445.01    4141316.41        0.13520                    578465.01
4141316.41        0.15157
         578485.01    4141316.41        0.17235                    578505.01
4141316.41        0.19818
         578525.01    4141316.41        0.23012                    578545.01
4141316.41        0.27016
         578565.01    4141316.41        0.32177                    578585.01
4141316.41        0.38866
         578605.01    4141316.41        0.47731                    578625.01
4141316.41        0.59416
         578645.01    4141316.41        0.75058                    578665.01
4141316.41        0.95562
         578685.01    4141316.41        1.22956                    578705.01
4141316.41        1.60264
         578725.01    4141316.41        2.11243                    579025.01
4141316.41       17.72011
         579045.01    4141316.41       15.25681                    579065.01
4141316.41       12.55764
         579085.01    4141316.41       10.05800                    579105.01
4141316.41        7.95408
         579125.01    4141316.41        6.26652                    579145.01
4141316.41        4.97614
         579165.01    4141316.41        4.02306                    579185.01
4141316.41        3.30192
         579205.01    4141316.41        2.74952                    579225.01
4141316.41        2.32762
         579245.01    4141316.41        2.00173                    579265.01
4141316.41        1.74308
         579285.01    4141316.41        1.53167                    578385.01
4141336.41        0.09901
         578405.01    4141336.41        0.10829                    578425.01
4141336.41        0.11939
         578445.01    4141336.41        0.13523                    578465.01
4141336.41        0.15294
         578485.01    4141336.41        0.17103                    578505.01
4141336.41        0.19549
         578525.01    4141336.41        0.22672                    578545.01
4141336.41        0.26642
         578565.01    4141336.41        0.31619                    578585.01
4141336.41        0.38162
         578605.01    4141336.41        0.46914                    578625.01
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4141336.41 0.58699

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.74362	578665.01	4141336.41	0.96182
578685.01	4141336.41	1.25257	578705.01	4141336.41	1.65852
579025.01	4141336.41	19.98406	579045.01	4141336.41	16.65099
579065.01	4141336.41	13.25616	579085.01	4141336.41	10.28616
579105.01	4141336.41	7.91419	579125.01	4141336.41	6.12851
579145.01	4141336.41	4.82728	579165.01	4141336.41	3.86994
579185.01	4141336.41	3.17108	579205.01	4141336.41	2.64012
579225.01	4141336.41	2.24884	579245.01	4141336.41	1.93867
579265.01	4141336.41	1.69153	579285.01	4141336.41	1.49122
578385.01	4141356.41	0.10169	578405.01	4141356.41	0.11117
578425.01	4141356.41	0.12239	578445.01	4141356.41	0.13545
578465.01	4141356.41	0.15133	578485.01	4141356.41	0.17244
578505.01	4141356.41	0.19599	578525.01	4141356.41	0.22413

578545.01 4141356.41 0.26241 578565.01
4141356.41 0.31198
578585.01 4141356.41 0.37519 578605.01
4141356.41 0.46102
578625.01 4141356.41 0.57681 578645.01
4141356.41 0.73524
578665.01 4141356.41 0.95776 578685.01
4141356.41 1.27028
579025.01 4141356.41 22.67409 579045.01
4141356.41 18.12028
579065.01 4141356.41 13.81455 579085.01
4141356.41 10.33108
579105.01 4141356.41 7.74347 579125.01
4141356.41 5.91032
579145.01 4141356.41 4.61875 579165.01
4141356.41 3.69518
579185.01 4141356.41 3.03304 579205.01
4141356.41 2.54119
579225.01 4141356.41 2.16790 579245.01
4141356.41 1.87527
579265.01 4141356.41 1.64198 579285.01
4141356.41 1.45070
579305.01 4141356.41 1.29239 578385.01
4141376.41 0.10347
578405.01 4141376.41 0.11305 578425.01
4141376.41 0.12408
578445.01 4141376.41 0.13724 578465.01
4141376.41 0.15262
578485.01 4141376.41 0.17091 578505.01
4141376.41 0.19458
578525.01 4141376.41 0.22534 578545.01
4141376.41 0.25938
578565.01 4141376.41 0.30750 578585.01
4141376.41 0.37023
578605.01 4141376.41 0.45361 578625.01
4141376.41 0.56702
578645.01 4141376.41 0.72491 578665.01
4141376.41 0.95091
578685.01 4141376.41 1.27771 579005.01
4141376.41 31.41545
579025.01 4141376.41 25.69583 579045.01
4141376.41 19.41989
579065.01 4141376.41 14.09261 579085.01
4141376.41 10.15921
579105.01 4141376.41 7.42582 579125.01
4141376.41 5.60199
579145.01 4141376.41 4.37158 579165.01
4141376.41 3.51685
579185.01 4141376.41 2.90033 579205.01
4141376.41 2.44109

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141376.41	2.09061	579245.01	4141376.41	1.81531
579265.01	4141376.41	1.59193	579285.01	4141376.41	1.41055
579305.01	4141376.41	1.25988	578385.01	4141396.41	0.10570
578405.01	4141396.41	0.11504	578425.01	4141396.41	0.12578
578445.01	4141396.41	0.13872	578465.01	4141396.41	0.15460
578485.01	4141396.41	0.17316	578505.01	4141396.41	0.19504
578525.01	4141396.41	0.22467	578545.01	4141396.41	0.25838
578565.01	4141396.41	0.30356	578585.01	4141396.41	0.36356
578605.01	4141396.41	0.44456	578625.01	4141396.41	0.55624
578645.01	4141396.41	0.71318	578665.01	4141396.41	0.93859
579005.01	4141396.41	37.70357	579025.01	4141396.41	28.91626
579045.01	4141396.41	20.34827	579065.01	4141396.41	13.92630
579085.01	4141396.41	9.68382	579105.01	4141396.41	6.98657
579125.01	4141396.41	5.27557	579145.01		

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4141396.41        4.13541
         579165.01    4141396.41        3.34192                    579185.01
4141396.41        2.77069
         579205.01    4141396.41        2.34524                    579225.01
4141396.41        2.01541
         579245.01    4141396.41        1.75402                    579265.01
4141396.41        1.54243
         579285.01    4141396.41        1.36934                    579305.01
4141396.41        1.22450
         578385.01    4141416.41        0.10789                    578405.01
4141416.41        0.11728
         578425.01    4141416.41        0.12832                    578445.01
4141416.41        0.14137
         578465.01    4141416.41        0.15680                    578485.01
4141416.41        0.17547
         578505.01    4141416.41        0.19728                    578525.01
4141416.41        0.22469
         578545.01    4141416.41        0.25909                    578565.01
4141416.41        0.30177
         578585.01    4141416.41        0.35908                    578605.01
4141416.41        0.43631
         578625.01    4141416.41        0.54360                    578645.01
4141416.41        0.69572
         578665.01    4141416.41        0.92017                    579025.01
4141416.41       31.94641
         579045.01    4141416.41       20.64302                    579065.01
4141416.41       13.33096
         579085.01    4141416.41        9.06038                    579105.01
4141416.41        6.51227
         579125.01    4141416.41        4.94017                    579145.01
4141416.41        3.89719
         579165.01    4141416.41        3.17180                    579185.01
4141416.41        2.64416
         579205.01    4141416.41        2.24558                    579225.01
4141416.41        1.93689
         579245.01    4141416.41        1.68949                    579265.01
4141416.41        1.48950
         579285.01    4141416.41        1.32239                    579305.01
4141416.41        1.18508
         578385.01    4141436.41        0.11039                    578405.01
4141436.41        0.12005
         578425.01    4141436.41        0.13128                    578445.01
4141436.41        0.14472
         578465.01    4141436.41        0.16035                    578485.01
4141436.41        0.17897
         578505.01    4141436.41        0.20041                    578525.01
4141436.41        0.22795
         578545.01    4141436.41        0.26110                    578565.01
4141436.41        0.30274
         578585.01    4141436.41        0.35846                    578605.01
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4141436.41 0.43225
  578625.01 4141436.41 0.53432 578645.01
4141436.41 0.68020
  579025.01 4141436.41 33.85962 579045.01
4141436.41 20.03898
  579065.01 4141436.41 12.37357 579085.01
4141436.41 8.32233

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	6.01428	579125.01	4141436.41	4.60330
579145.01	4141436.41	3.66630	579165.01	4141436.41	3.00374
579185.01	4141436.41	2.51598	579205.01	4141436.41	2.14472
579225.01	4141436.41	1.85428	579245.01	4141436.41	1.62118
579265.01	4141436.41	1.42992	579285.01	4141436.41	1.27229
579305.01	4141436.41	1.13998	579325.01	4141436.41	1.02687
578385.01	4141456.41	0.11328	578405.01	4141456.41	0.12314
578425.01	4141456.41	0.13457	578445.01	4141456.41	0.14813
578465.01	4141456.41	0.16396	578485.01	4141456.41	0.18301
578505.01	4141456.41	0.20443	578525.01	4141456.41	0.23295

578545.01 4141456.41 0.26481 578565.01 4141456.41 0.30713
578585.01 4141456.41 0.36203 578605.01 4141456.41 0.43303
578625.01 4141456.41 0.53043 578645.01 4141456.41 0.66977
579045.01 4141456.41 18.26757 579065.01 4141456.41 11.07641
579085.01 4141456.41 7.48808 579105.01 4141456.41 5.49736
579125.01 4141456.41 4.26339 579145.01 4141456.41 3.42933
579165.01 4141456.41 2.82739 579185.01 4141456.41 2.37925
579205.01 4141456.41 2.03461 579225.01 4141456.41 1.76383
579245.01 4141456.41 1.54323 579265.01 4141456.41 1.36356
578385.01 4141476.41 0.11627 578405.01 4141476.41 0.12653
578425.01 4141476.41 0.13834 578445.01 4141476.41 0.15188
578465.01 4141476.41 0.16811 578485.01 4141476.41 0.18781
578505.01 4141476.41 0.21011 578525.01 4141476.41 0.23969
578545.01 4141476.41 0.27060 578565.01 4141476.41 0.31273
578585.01 4141476.41 0.36663 578605.01 4141476.41 0.43718
578625.01 4141476.41 0.53221 578645.01 4141476.41 0.66717
579065.01 4141476.41 9.50507 579085.01 4141476.41 6.64294
579105.01 4141476.41 4.97304 579125.01 4141476.41 3.90278
579145.01 4141476.41 3.16816 579165.01 4141476.41 2.63345
579185.01 4141476.41 2.22265 579205.01 4141476.41 1.90684
579225.01 4141476.41 1.65755 578385.01 4141496.41 0.11939
578405.01 4141496.41 0.13014 578425.01 4141496.41 0.14232
578445.01 4141496.41 0.15642 578465.01 4141496.41 0.17312
578485.01 4141496.41 0.19337 578505.01 4141496.41 0.21638
578525.01 4141496.41 0.24721 578545.01 4141496.41 0.27887

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         578565.01    4141496.41        0.32089                       578585.01
4141496.41        0.37480
         578605.01    4141496.41        0.44464                       578625.01
4141496.41        0.53795
         578645.01    4141496.41        0.67152                       579085.01
4141496.41        5.77272
         579105.01    4141496.41        4.42224                       579125.01
4141496.41        3.51474
         579145.01    4141496.41        2.87885                       579165.01
4141496.41        2.41041
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 344
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11  ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579185.01    4141496.41        2.04809                       579205.01
4141496.41        1.76491
         578385.01    4141516.41        0.12219                       578405.01
4141516.41        0.13367
         578425.01    4141516.41        0.14669                       578445.01
4141516.41        0.16138
         578465.01    4141516.41        0.17879                       578485.01
4141516.41        0.19967
         578505.01    4141516.41        0.22377                       578525.01
4141516.41        0.25644
         578545.01    4141516.41        0.28888                       578565.01
4141516.41        0.33320
         578585.01    4141516.41        0.38826                       578605.01
4141516.41        0.45930
         578625.01    4141516.41        0.55438                       578645.01
4141516.41        0.68811
         579085.01    4141516.41        4.86554                       579105.01
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4141516.41 3.82748
579125.01 4141516.41 3.09522 579145.01
4141516.41 2.56408
579165.01 4141516.41 2.16558 578385.01
4141536.41 0.12554
578405.01 4141536.41 0.13723 578425.01
4141536.41 0.15094
578445.01 4141536.41 0.16694 578465.01
4141536.41 0.18526
578485.01 4141536.41 0.20714 578505.01
4141536.41 0.23250
578525.01 4141536.41 0.26813 578545.01
4141536.41 0.30127
578565.01 4141536.41 0.34894 578585.01
4141536.41 0.40779
578605.01 4141536.41 0.48251 578625.01
4141536.41 0.58310
578645.01 4141536.41 0.72024 578665.01
4141536.41 0.91713
579105.01 4141536.41 3.21761 579125.01
4141536.41 2.65737
579185.01 4141536.41 1.64879 578385.01
4141556.41 0.12940
578405.01 4141556.41 0.14165 578425.01
4141556.41 0.15584
578445.01 4141556.41 0.17263 578465.01
4141556.41 0.19250
578485.01 4141556.41 0.21563 578505.01
4141556.41 0.24305
578525.01 4141556.41 0.27971 578545.01
4141556.41 0.31669
578565.01 4141556.41 0.36787 578585.01
4141556.41 0.43201
578605.01 4141556.41 0.51560 578625.01
4141556.41 0.62550
578645.01 4141556.41 0.77593 578665.01
4141556.41 0.98993
578685.01 4141556.41 1.31531 579165.01
4141556.41 1.65277
579185.01 4141556.41 1.44437 579205.01
4141556.41 1.27325
578385.01 4141576.41 0.13400 578405.01
4141576.41 0.14691
578425.01 4141576.41 0.16202 578445.01
4141576.41 0.17983
578465.01 4141576.41 0.20059 578485.01
4141576.41 0.22550
578505.01 4141576.41 0.25593 578525.01
4141576.41 0.29543
578545.01 4141576.41 0.33797 578565.01

4141576.41 0.39415
  578585.01 4141576.41 0.46569 578605.01
4141576.41 0.55935
  578625.01 4141576.41 0.68573 578645.01
4141576.41 0.86392
  578665.01 4141576.41 1.11750 578685.01
4141576.41 1.50409
  578705.01 4141576.41 2.14634 579145.01
4141576.41 1.61096
  579165.01 4141576.41 1.41333 579185.01
4141576.41 1.25013
  579205.01 4141576.41 1.11314 579225.01
4141576.41 0.99729

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.89825	579265.01	4141576.41	0.81366
578385.01	4141596.41	0.13939	578405.01	4141596.41	0.15354
578425.01	4141596.41	0.16962	578445.01	4141596.41	0.18890
578465.01	4141596.41	0.21153	578485.01	4141596.41	0.23875
578505.01	4141596.41	0.27288	578525.01	4141596.41	0.31587
578545.01	4141596.41	0.36496	578565.01	4141596.41	0.43017
578585.01	4141596.41	0.51285	578605.01	4141596.41	0.62148

578625.01 4141596.41 0.77031 578645.01
4141596.41 0.98162
578665.01 4141596.41 1.29687 578685.01
4141596.41 1.78117
578705.01 4141596.41 2.55027 578725.01
4141596.41 3.88350
578745.01 4141596.41 6.18161 579105.01
4141596.41 1.74263
579145.01 4141596.41 1.34768 579165.01
4141596.41 1.19847
579185.01 4141596.41 1.07235 579205.01
4141596.41 0.96466
579225.01 4141596.41 0.87217 579245.01
4141596.41 0.79217
579265.01 4141596.41 0.72240 579285.01
4141596.41 0.66030
579305.01 4141596.41 0.60749 579325.01
4141596.41 0.56012
579345.01 4141596.41 0.51809 578385.01
4141616.41 0.14555
578405.01 4141616.41 0.16109 578425.01
4141616.41 0.17918
578445.01 4141616.41 0.20028 578465.01
4141616.41 0.22542
578485.01 4141616.41 0.25583 578505.01
4141616.41 0.29383
578525.01 4141616.41 0.34386 578545.01
4141616.41 0.39891
578565.01 4141616.41 0.47528 578585.01
4141616.41 0.57273
578605.01 4141616.41 0.70314 578625.01
4141616.41 0.88287
578645.01 4141616.41 1.13431 578665.01
4141616.41 1.50857
578685.01 4141616.41 2.08271 578705.01
4141616.41 2.97178
578725.01 4141616.41 4.32966 578745.01
4141616.41 6.39959
579065.01 4141616.41 1.84379 579085.01
4141616.41 1.60517
579105.01 4141616.41 1.41370 579125.01
4141616.41 1.25592
579165.01 4141616.41 1.01144 579185.01
4141616.41 0.91482
579205.01 4141616.41 0.83123 579225.01
4141616.41 0.75839
579245.01 4141616.41 0.69442 579265.01
4141616.41 0.63795
579285.01 4141616.41 0.58553 579305.01
4141616.41 0.54199

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141616.41	0.50330	579345.01	4141616.41	0.46799
578385.01	4141636.41	0.15318	578405.01	4141636.41	0.17015
578425.01	4141636.41	0.19012	578445.01	4141636.41	0.21398
578465.01	4141636.41	0.24260	578485.01	4141636.41	0.27674
578505.01	4141636.41	0.31964	578525.01	4141636.41	0.37416
578545.01	4141636.41	0.44077	578565.01	4141636.41	0.52882
578585.01	4141636.41	0.64646	578605.01	4141636.41	0.80202
578625.01	4141636.41	1.01307	578645.01	4141636.41	1.31190
578665.01	4141636.41	1.73942	578685.01	4141636.41	2.37462
578705.01	4141636.41	3.31038	578725.01	4141636.41	4.64300
579045.01	4141636.41	1.68157	579065.01	4141636.41	1.46507
579085.01	4141636.41	1.29374	579105.01	4141636.41	1.15331
579125.01	4141636.41	1.03675	579165.01	4141636.41	0.85276
579185.01	4141636.41	0.77928	579205.01		

4141636.41 0.71457
579225.01 4141636.41 0.65740 579245.01
4141636.41 0.60657
579265.01 4141636.41 0.56110 579285.01
4141636.41 0.51940
579305.01 4141636.41 0.48320 579325.01
4141636.41 0.45045
579345.01 4141636.41 0.42102 578385.01
4141656.41 0.16260
578405.01 4141656.41 0.18142 578425.01
4141656.41 0.20327
578445.01 4141656.41 0.22986 578465.01
4141656.41 0.26301
578485.01 4141656.41 0.30228 578505.01
4141656.41 0.35333
578525.01 4141656.41 0.41354 578545.01
4141656.41 0.49135
578565.01 4141656.41 0.59337 578585.01
4141656.41 0.72805
578605.01 4141656.41 0.90861 578625.01
4141656.41 1.15712
578645.01 4141656.41 1.49266 578665.01
4141656.41 1.95936
578685.01 4141656.41 2.63447 578705.01
4141656.41 3.54124
578725.01 4141656.41 4.81392 579005.01
4141656.41 1.81166
579025.01 4141656.41 1.54523 579045.01
4141656.41 1.34139
579065.01 4141656.41 1.18252 579085.01
4141656.41 1.05400
579105.01 4141656.41 0.94874 579125.01
4141656.41 0.86072
579145.01 4141656.41 0.78583 579185.01
4141656.41 0.66438
579205.01 4141656.41 0.61408 579225.01
4141656.41 0.56922
579245.01 4141656.41 0.52891 579265.01
4141656.41 0.49228
579285.01 4141656.41 0.45910 579305.01
4141656.41 0.42976
579325.01 4141656.41 0.40201 579345.01
4141656.41 0.37710
578385.01 4141676.41 0.17389 578405.01
4141676.41 0.19449
578425.01 4141676.41 0.21899 578445.01
4141676.41 0.24909
578465.01 4141676.41 0.28682 578485.01
4141676.41 0.33185
578505.01 4141676.41 0.39068 578525.01

4141676.41 0.46056
578545.01 4141676.41 0.55045 578565.01
4141676.41 0.66693
578585.01 4141676.41 0.81974 578605.01
4141676.41 1.02049
578625.01 4141676.41 1.29132 578645.01
4141676.41 1.65855
578665.01 4141676.41 2.15064 578685.01
4141676.41 2.79295
578705.01 4141676.41 3.64503 578985.01
4141676.41 1.68399
579005.01 4141676.41 1.43412 579025.01
4141676.41 1.24095
579045.01 4141676.41 1.08905 579065.01
4141676.41 0.96751
579085.01 4141676.41 0.86919 579105.01
4141676.41 0.78843
579125.01 4141676.41 0.72071 579145.01
4141676.41 0.66277

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.61229	579185.01	4141676.41	0.56800
579205.01	4141676.41	0.52871	579225.01	4141676.41	0.49334
579245.01	4141676.41	0.46129	579265.01	4141676.41	0.43226
579285.01	4141676.41	0.40584	579305.01	4141676.41	0.38068

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         579325.01    4141676.41        0.35903                    579345.01
4141676.41        0.33885
         578385.01    4141696.41        0.18675                    578405.01
4141696.41        0.20978
         578425.01    4141696.41        0.23810                    578445.01
4141696.41        0.27321
         578465.01    4141696.41        0.31494                    578485.01
4141696.41        0.36558
         578505.01    4141696.41        0.43178                    578525.01
4141696.41        0.51341
         578565.01    4141696.41        0.74497                    578585.01
4141696.41        0.91315
         578605.01    4141696.41        1.13100                    578625.01
4141696.41        1.41308
         578645.01    4141696.41        1.78804                    578665.01
4141696.41        2.26497
         578685.01    4141696.41        2.85970                    578945.01
4141696.41        1.85246
         578965.01    4141696.41        1.55997                    578985.01
4141696.41        1.33419
         579005.01    4141696.41        1.15589                    579025.01
4141696.41        1.01208
         579045.01    4141696.41        0.89633                    579065.01
4141696.41        0.80251
         579085.01    4141696.41        0.72586                    579105.01
4141696.41        0.66237
         579125.01    4141696.41        0.60900                    579145.01
4141696.41        0.56320
         579165.01    4141696.41        0.52336                    579185.01
4141696.41        0.48807
         579205.01    4141696.41        0.45694                    579225.01
4141696.41        0.42876
         579245.01    4141696.41        0.40321                    579265.01
4141696.41        0.37977
         579285.01    4141696.41        0.35834                    579305.01
4141696.41        0.33832
         579325.01    4141696.41        0.32038                    579345.01
4141696.41        0.30345
         578385.01    4141716.41        0.20168                    578405.01
4141716.41        0.22805
         578425.01    4141716.41        0.26057                    578445.01
4141716.41        0.29975
         578465.01    4141716.41        0.34572                    578485.01
4141716.41        0.40280
         578505.01    4141716.41        0.47746                    578525.01
4141716.41        0.57058
         578605.01    4141716.41        1.22537                    578625.01
4141716.41        1.51308
         578645.01    4141716.41        1.87432                    578665.01
4141716.41        2.30706
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         578685.01    4141716.41        2.82768                       578905.01
4141716.41        2.03636
         578925.01    4141716.41        1.70849                       578945.01
4141716.41        1.44867
         578965.01    4141716.41        1.24340                       578985.01
4141716.41        1.07940
         579005.01    4141716.41        0.94657                       579025.01
4141716.41        0.83779
         579045.01    4141716.41        0.74841                       579065.01
4141716.41        0.67479
         579085.01    4141716.41        0.61378                       579105.01
4141716.41        0.56266
         579125.01    4141716.41        0.51971                       579145.01
4141716.41        0.48281
         579165.01    4141716.41        0.45060                       579185.01
4141716.41        0.42215
         579205.01    4141716.41        0.39697                       579225.01
4141716.41        0.37422
         579245.01    4141716.41        0.35315                       579265.01
4141716.41        0.33455
         579285.01    4141716.41        0.31706                       579305.01
4141716.41        0.30042
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11  ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579325.01    4141716.41        0.28563                       579345.01
4141716.41        0.27190
         578385.01    4141736.41        0.21865                       578405.01
4141736.41        0.24905
         578425.01    4141736.41        0.28525                       578445.01
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4141736.41        0.32752
         578465.01    4141736.41        0.37860                    578485.01
4141736.41        0.44241
         578505.01    4141736.41        0.53079                    578625.01
4141736.41        1.57655
         578645.01    4141736.41        1.90060                    578665.01
4141736.41        2.27880
         578865.01    4141736.41        2.25601                    578885.01
4141736.41        1.91314
         578905.01    4141736.41        1.61284                    578925.01
4141736.41        1.36641
         578945.01    4141736.41        1.17046                    578965.01
4141736.41        1.01583
         578985.01    4141736.41        0.89145                    579005.01
4141736.41        0.78947
         579025.01    4141736.41        0.70473                    579045.01
4141736.41        0.63400
         579065.01    4141736.41        0.57485                    579085.01
4141736.41        0.52529
         579105.01    4141736.41        0.48341                    579125.01
4141736.41        0.44810
         579145.01    4141736.41        0.41771                    579165.01
4141736.41        0.39118
         579185.01    4141736.41        0.36775                    579205.01
4141736.41        0.34704
         579225.01    4141736.41        0.32836                    579245.01
4141736.41        0.31135
         579265.01    4141736.41        0.29558                    579285.01
4141736.41        0.28124
         579305.01    4141736.41        0.26799                    579325.01
4141736.41        0.25555
         579345.01    4141736.41        0.24388                    578385.01
4141756.41        0.23854
         578405.01    4141756.41        0.27188                    578425.01
4141756.41        0.31119
         578445.01    4141756.41        0.35811                    578465.01
4141756.41        0.41429
         578485.01    4141756.41        0.48823                    578845.01
4141756.41        2.08534
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4141756.41        1.54001
         578905.01    4141756.41        1.31195                    578925.01
4141756.41        1.12241
         578945.01    4141756.41        0.97093                    578965.01
4141756.41        0.84992
         578985.01    4141756.41        0.75182                    579005.01
4141756.41        0.67051
         579025.01    4141756.41        0.60223                    579045.01
4141756.41        0.54463
         579065.01    4141756.41        0.49602                    579085.01
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4141756.41        0.45494
         579105.01    4141756.41        0.41997                       579125.01
4141756.41        0.39039
         579145.01    4141756.41        0.36484                       579165.01
4141756.41        0.34255
         579185.01    4141756.41        0.32285                       579205.01
4141756.41        0.30550
         579225.01    4141756.41        0.28986                       579245.01
4141756.41        0.27562
         579265.01    4141756.41        0.26261                       579285.01
4141756.41        0.25062
         579305.01    4141756.41        0.23947                       579325.01
4141756.41        0.22903
         579345.01    4141756.41        0.21928                       578385.01
4141776.41        0.25907
         578405.01    4141776.41        0.29573                       578425.01
4141776.41        0.33726
         578445.01    4141776.41        0.38743                       578465.01
4141776.41        0.44953
         578485.01    4141776.41        0.52770                       578825.01
4141776.41        1.90566
         578845.01    4141776.41        1.68188                       578865.01
4141776.41        1.46244
         578885.01    4141776.41        1.26405                       578905.01
4141776.41        1.08799
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 349
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11  ***
                                   INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         578925.01    4141776.41        0.94102                       578945.01
4141776.41        0.82183
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         578965.01    4141776.41        0.72526                    578985.01
4141776.41        0.64549
         579005.01    4141776.41        0.57869                    579025.01
4141776.41        0.52218
         579045.01    4141776.41        0.47419                    579065.01
4141776.41        0.43333
         579085.01    4141776.41        0.39857                    579105.01
4141776.41        0.36886
         579125.01    4141776.41        0.34358                    579145.01
4141776.41        0.32169
         579165.01    4141776.41        0.30260                    579185.01
4141776.41        0.28574
         579205.01    4141776.41        0.27090                    579225.01
4141776.41        0.25755
         579245.01    4141776.41        0.24541                    579265.01
4141776.41        0.23439
         579285.01    4141776.41        0.22423                    579305.01
4141776.41        0.21462
         579325.01    4141776.41        0.20598                    579345.01
4141776.41        0.19773
         578405.01    4141796.41        0.31881                    578425.01
4141796.41        0.36358
         578445.01    4141796.41        0.41717                    578465.01
4141796.41        0.48657
         578805.01    4141796.41        1.74440                    578825.01
4141796.41        1.55641
         578845.01    4141796.41        1.37578                    578865.01
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         578885.01    4141796.41        1.05415                    578905.01
4141796.41        0.91740
         578925.01    4141796.41        0.80172                    578945.01
4141796.41        0.70667
         578965.01    4141796.41        0.62796                    578985.01
4141796.41        0.56208
         579005.01    4141796.41        0.50630                    579025.01
4141796.41        0.45854
         579045.01    4141796.41        0.41785                    579065.01
4141796.41        0.38293
         579085.01    4141796.41        0.35300                    579105.01
4141796.41        0.32730
         579125.01    4141796.41        0.30533                    579145.01
4141796.41        0.28625
         579165.01    4141796.41        0.26959                    579185.01
4141796.41        0.25494
         579205.01    4141796.41        0.24202                    579225.01
4141796.41        0.23041
         579245.01    4141796.41        0.21998                    579265.01
4141796.41        0.21036
         579285.01    4141796.41        0.20167                    579305.01
4141796.41        0.19343
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         579325.01    4141796.41        0.18593                       579345.01
4141796.41        0.17889
         578445.01    4141816.41        0.44788                       578585.01
4141816.41        1.15898
         578605.01    4141816.41        1.31073                       578665.01
4141816.41        1.75017
         578685.01    4141816.41        1.85205                       578785.01
4141816.41        1.59547
         578805.01    4141816.41        1.44341                       578825.01
4141816.41        1.29175
         578845.01    4141816.41        1.14757                       578865.01
4141816.41        1.01575
         578885.01    4141816.41        0.89211                       578905.01
4141816.41        0.78425
         578925.01    4141816.41        0.69193                       578945.01
4141816.41        0.61492
         578965.01    4141816.41        0.55010                       578985.01
4141816.41        0.49512
         579005.01    4141816.41        0.44793                       579025.01
4141816.41        0.40718
         579045.01    4141816.41        0.37202                       579065.01
4141816.41        0.34174
         579085.01    4141816.41        0.31565                       579105.01
4141816.41        0.29318
         579125.01    4141816.41        0.27378                       579145.01
4141816.41        0.25692
         579165.01    4141816.41        0.24217                       579185.01
4141816.41        0.22920
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 350
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11  ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
579205.01 4141816.41 0.21779 579225.01
4141816.41 0.20754
579245.01 4141816.41 0.19837 579265.01
4141816.41 0.18972
579285.01 4141816.41 0.18225 579305.01
4141816.41 0.17525
579325.01 4141816.41 0.16871 579345.01
4141816.41 0.16257
578565.01 4141836.41 1.01086 578585.01
4141836.41 1.13185
578605.01 4141836.41 1.26088 578625.01
4141836.41 1.38370
578645.01 4141836.41 1.49369 578665.01
4141836.41 1.58469
578685.01 4141836.41 1.64192 578705.01
4141836.41 1.65788
578725.01 4141836.41 1.63107 578765.01
4141836.41 1.45736
578785.01 4141836.41 1.33576 578805.01
4141836.41 1.20986
578825.01 4141836.41 1.08692 578845.01
4141836.41 0.97098
578865.01 4141836.41 0.86278 578885.01
4141836.41 0.76485
578905.01 4141836.41 0.67819 578925.01
4141836.41 0.60358
578945.01 4141836.41 0.54032 578965.01
4141836.41 0.48644
578985.01 4141836.41 0.44005 579005.01
4141836.41 0.39987
579025.01 4141836.41 0.36481 579045.01
4141836.41 0.33430
579065.01 4141836.41 0.30777 579085.01
4141836.41 0.28472
579105.01 4141836.41 0.26481 579125.01
4141836.41 0.24753
579145.01 4141836.41 0.23243 579165.01
4141836.41 0.21922
579185.01 4141836.41 0.20760 579205.01
4141836.41 0.19735
579225.01 4141836.41 0.18819 579245.01
4141836.41 0.17998
579265.01 4141836.41 0.17245 579285.01
4141836.41 0.16568
579305.01 4141836.41 0.15948 579325.01
4141836.41 0.15363
579345.01 4141836.41 0.14827 578565.01
4141856.41 0.99109
578585.01 4141856.41 1.09424 578605.01

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4141856.41        1.19627
         578625.01    4141856.41        1.29017                        578645.01
4141856.41        1.36854
         578665.01    4141856.41        1.42452                        578685.01
4141856.41        1.45019
         578705.01    4141856.41        1.44213                        578725.01
4141856.41        1.40030
         578745.01    4141856.41        1.32778                        578765.01
4141856.41        1.23498
         578785.01    4141856.41        1.13206                        578805.01
4141856.41        1.02702
         578825.01    4141856.41        0.92511                        578845.01
4141856.41        0.83086
         578865.01    4141856.41        0.74217                        578885.01
4141856.41        0.66278
         578905.01    4141856.41        0.59233                        578925.01
4141856.41        0.53147
         578945.01    4141856.41        0.47891                        578965.01
4141856.41        0.43354
         578985.01    4141856.41        0.39415                        579005.01
4141856.41        0.35960
         579025.01    4141856.41        0.32919                        579045.01
4141856.41        0.30253
         579065.01    4141856.41        0.27915                        579085.01
4141856.41        0.25871
         579105.01    4141856.41        0.24092                        579125.01
4141856.41        0.22540
         579145.01    4141856.41        0.21177                        579165.01
4141856.41        0.19982
         579185.01    4141856.41        0.18934                        579205.01
4141856.41        0.18003
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 351
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11  ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.17171	579245.01	4141856.41	0.16429
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579305.01	4141856.41	0.14580	579325.01	4141856.41	0.14054
579345.01	4141856.41	0.13587	578545.01	4141876.41	0.87243
578565.01	4141876.41	0.95942	578585.01	4141876.41	1.04412
578605.01	4141876.41	1.12373	578625.01	4141876.41	1.19266
578645.01	4141876.41	1.24532	578665.01	4141876.41	1.27600
578685.01	4141876.41	1.28049	578705.01	4141876.41	1.25785
578725.01	4141876.41	1.20856	578745.01	4141876.41	1.13873
578765.01	4141876.41	1.05605	578785.01	4141876.41	0.96810
578805.01	4141876.41	0.88043	578825.01	4141876.41	0.79640
578845.01	4141876.41	0.71755	578865.01	4141876.41	0.64512
578885.01	4141876.41	0.57981	578905.01	4141876.41	0.52199
578925.01	4141876.41	0.47168	578945.01	4141876.41	0.42774
578965.01	4141876.41	0.38926	578985.01	4141876.41	0.35534
579005.01	4141876.41	0.32541	579025.01	4141876.41	0.29893
579045.01	4141876.41	0.27548	579065.01	4141876.41	0.25477
579085.01	4141876.41	0.23652	579105.01	4141876.41	0.22058
579125.01	4141876.41	0.20655	579145.01	4141876.41	0.19419
579165.01	4141876.41	0.18330	579185.01	4141876.41	0.17373
579205.01	4141876.41	0.16522	579225.01	4141876.41	0.15762
579245.01	4141876.41	0.15083	579265.01	4141876.41	0.14470
579285.01	4141876.41	0.13910	579305.01	4141876.41	0.13401

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         579325.01    4141876.41       0.12928                      579345.01
4141876.41        0.12502
         578545.01    4141896.41       0.84688                      578565.01
4141896.41        0.91896
         578585.01    4141896.41       0.98721                      578605.01
4141896.41        1.04830
         578625.01    4141896.41       1.09655                      578645.01
4141896.41        1.12852
         578665.01    4141896.41       1.14129                      578685.01
4141896.41        1.13179
         578705.01    4141896.41       1.09939                      578725.01
4141896.41        1.04881
         578745.01    4141896.41       0.98419                      578765.01
4141896.41        0.91104
         578785.01    4141896.41       0.83539                      578805.01
4141896.41        0.76128
         578825.01    4141896.41       0.69089                      578845.01
4141896.41        0.62545
         578865.01    4141896.41       0.56549                      578885.01
4141896.41        0.51149
         578905.01    4141896.41       0.46363                      578925.01
4141896.41        0.42150
         578945.01    4141896.41       0.38439                      578965.01
4141896.41        0.35151
         578985.01    4141896.41       0.32231                      579005.01
4141896.41        0.29622
         579025.01    4141896.41       0.27289                      579045.01
4141896.41        0.25215
         579065.01    4141896.41       0.23375                      579085.01
4141896.41        0.21741
         579105.01    4141896.41       0.20304                      579125.01
4141896.41        0.19029
         579145.01    4141896.41       0.17904                      579165.01
4141896.41        0.16907
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 352
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11  ***
                                   INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.16029	579205.01	4141896.41	0.15247
579225.01	4141896.41	0.14547	579245.01	4141896.41	0.13918
579265.01	4141896.41	0.13355	579285.01	4141896.41	0.12840
579305.01	4141896.41	0.12375	579325.01	4141896.41	0.11947
579345.01	4141896.41	0.11551	578565.01	4141916.41	0.87468
578585.01	4141916.41	0.92641	578605.01	4141916.41	0.97149
578625.01	4141916.41	1.00336	578645.01	4141916.41	1.02019
578665.01	4141916.41	1.01989	578685.01	4141916.41	1.00067
578705.01	4141916.41	0.96466	578725.01	4141916.41	0.91498
578745.01	4141916.41	0.85552	578765.01	4141916.41	0.79138
578785.01	4141916.41	0.72648	578805.01	4141916.41	0.66349
578825.01	4141916.41	0.60448	578845.01	4141916.41	0.54971
578865.01	4141916.41	0.49969	578885.01	4141916.41	0.45465
578905.01	4141916.41	0.41452	578925.01	4141916.41	0.37894
578945.01	4141916.41	0.34735	578965.01	4141916.41	0.31911
578985.01	4141916.41	0.29375	579005.01	4141916.41	0.27089
579025.01	4141916.41	0.25036	579045.01	4141916.41	0.23192
579065.01	4141916.41	0.21541	579085.01	4141916.41	0.20074
579105.01	4141916.41	0.18774	579125.01	4141916.41	0.17615
579145.01	4141916.41	0.16586	579165.01	4141916.41	0.15671
579185.01	4141916.41	0.14861	578386.27	4141125.26	0.10663
578406.27	4141125.26	0.11927	578426.27		

4141125.26   0.13363
         578446.27   4141125.26   0.15067   578466.27
4141125.26   0.17178
         578486.27   4141125.26   0.19760   578506.27
4141125.26   0.22990
         578526.27   4141125.26   0.26402   578546.27
4141125.26   0.30159
         578566.27   4141125.26   0.34937   578586.27
4141125.26   0.40695
         578606.27   4141125.26   0.48052   578626.27
4141125.26   0.56070
         578646.27   4141125.26   0.65797   578666.27
4141125.26   0.77615
         578686.27   4141125.26   0.91399   578706.27
4141125.26   1.07875
         578726.27   4141125.26   1.27860   578746.27
4141125.26   1.52350
         578766.27   4141125.26   1.81277   578786.27
4141125.26   2.15064
         578806.27   4141125.26   2.54815   578826.27
4141125.26   2.98504
         578846.27   4141125.26   3.46428   578866.27
4141125.26   3.98099
         578886.27   4141125.26   4.52308   578906.27
4141125.26   5.06075
         578926.27   4141125.26   5.54846   578946.27
4141125.26   5.98146
         578966.27   4141125.26   6.33315   578986.27
4141125.26   6.58280
         579006.27   4141125.26   6.71213   579026.27
4141125.26   6.71383
         579046.27   4141125.26   6.57085   579066.27
4141125.26   6.28969
         579086.27   4141125.26   5.91496   579106.27
4141125.26   5.47601
         579126.27   4141125.26   4.99838   579146.27
4141125.26   4.50075

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11 ***
                                    INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	4.00417	579186.27	4141125.26	3.54684
579206.27	4141125.26	3.13853	578386.27	4141145.26	0.10488
578406.27	4141145.26	0.11722	578426.27	4141145.26	0.13196
578446.27	4141145.26	0.14860	578466.27	4141145.26	0.16879
578486.27	4141145.26	0.19511	578506.27	4141145.26	0.22733
578526.27	4141145.26	0.26287	578546.27	4141145.26	0.30412
578566.27	4141145.26	0.35401	578586.27	4141145.26	0.41288
578606.27	4141145.26	0.48504	578626.27	4141145.26	0.57238
578646.27	4141145.26	0.67565	578666.27	4141145.26	0.79740
578686.27	4141145.26	0.94660	578706.27	4141145.26	1.12782
578726.27	4141145.26	1.35322	578746.27	4141145.26	1.62130
578766.27	4141145.26	1.93990	578786.27	4141145.26	2.31821
578806.27	4141145.26	2.76270	578826.27	4141145.26	3.26530
578846.27	4141145.26	3.80387	578866.27	4141145.26	4.39424
578886.27	4141145.26	5.00119	578906.27	4141145.26	5.59910
578926.27	4141145.26	6.15703	578946.27	4141145.26	6.63134
578966.27	4141145.26	7.00613	578986.27	4141145.26	7.26461
579006.27	4141145.26	7.37720	579026.27	4141145.26	7.32296
579046.27	4141145.26	7.10562	579066.27	4141145.26	6.75972
579086.27	4141145.26	6.31835	579106.27	4141145.26	5.78519

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         579126.27    4141145.26        5.22835                      579146.27
4141145.26        4.65523
         579166.27    4141145.26        4.10666                      579186.27
4141145.26        3.60116
         579206.27    4141145.26        3.15967                      578723.62
4141929.59        0.84210
         578743.62    4141929.59        0.78688                      578763.62
4141929.59        0.72819
         578783.62    4141929.59        0.66934                      578803.62
4141929.59        0.61262
         578823.62    4141929.59        0.55945                      578843.62
4141929.59        0.51022
         578863.62    4141929.59        0.46533                      578883.62
4141929.59        0.42483
         578903.62    4141929.59        0.38870                      578923.62
4141929.59        0.35646
         578943.62    4141929.59        0.32767                      578963.62
4141929.59        0.30183
         578983.62    4141929.59        0.27851                      579003.62
4141929.59        0.25739
         579023.62    4141929.59        0.23830                      579043.62
4141929.59        0.22110
         579063.62    4141929.59        0.20563                      579083.62
4141929.59        0.19179
         579103.62    4141929.59        0.17946                      579123.62
4141929.59        0.16849
         579143.62    4141929.59        0.15871                      579163.62
4141929.59        0.14997
         579183.62    4141929.59        0.14223                      578725.67
4141942.60        0.76932
         578745.67    4141942.60        0.71726                      578765.67
4141942.60        0.66334
         578785.67    4141942.60        0.61009                      578805.67
4141942.60        0.55932
         578825.67    4141942.60        0.51183                      578845.67
4141942.60        0.46802
         578865.67    4141942.60        0.42822                      578885.67
4141942.60        0.39230
         578905.67    4141942.60        0.36025                      578925.67
4141942.60        0.33149
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                   PAGE 354
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11  ***
```

INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2
,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.30563	578965.67	4141942.60	0.28229
578985.67	4141942.60	0.26113	579005.67	4141942.60	0.24189
579025.67	4141942.60	0.22441	579045.67	4141942.60	0.20859
579065.67	4141942.60	0.19433	579085.67	4141942.60	0.18153
579105.67	4141942.60	0.17007	579125.67	4141942.60	0.15982
579145.67	4141942.60	0.15069	579165.67	4141942.60	0.14253
579185.67	4141942.60	0.13524	578745.52	4141955.60	0.66096
578765.52	4141955.60	0.61142	578785.52	4141955.60	0.56309
578805.52	4141955.60	0.51720	578825.52	4141955.60	0.47437
578845.52	4141955.60	0.43496	578865.52	4141955.60	0.39907
578885.52	4141955.60	0.36683	578905.52	4141955.60	0.33788
578925.52	4141955.60	0.31179	578945.52	4141955.60	0.28825
578965.52	4141955.60	0.26686	578985.52	4141955.60	0.24737
579005.52	4141955.60	0.22960	579025.52	4141955.60	0.21341
579045.52	4141955.60	0.19869	579065.52	4141955.60	0.18536
579085.52	4141955.60	0.17335	579105.52	4141955.60	0.16256
579125.52	4141955.60	0.15288	579145.52	4141955.60	0.14422
579165.52	4141955.60	0.13647	579185.52	4141955.60	0.12953
578785.22	4141971.34	0.51306	578805.22		

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4141971.34        0.47225
         578825.22    4141971.34        0.43436                        578845.22
4141971.34        0.39958
         578865.22    4141971.34        0.36780                        578885.22
4141971.34        0.33942
         578905.22    4141971.34        0.31368                        578925.22
4141971.34        0.29038
         578945.22    4141971.34        0.26926                        578965.22
4141971.34        0.24997
         578985.22    4141971.34        0.23227                        579005.22
4141971.34        0.21606
         579025.22    4141971.34        0.20124                        579045.22
4141971.34        0.18771
         579065.22    4141971.34        0.17542                        579085.22
4141971.34        0.16428
         579105.22    4141971.34        0.15422                        579125.22
4141971.34        0.14518
         579145.22    4141971.34        0.13705                        579165.22
4141971.34        0.12977
         579185.22    4141971.34        0.12320                        578790.01
4141986.40        0.46154
         578810.01    4141986.40        0.42559                        578830.01
4141986.40        0.39245
         578850.01    4141986.40        0.36210                        578870.01
4141986.40        0.33465
         578890.01    4141986.40        0.30990                        578910.01
4141986.40        0.28738
         578930.01    4141986.40        0.26689                        578950.01
4141986.40        0.24823
         578970.01    4141986.40        0.23107                        578990.01
4141986.40        0.21523
         579010.01    4141986.40        0.20066                        579030.01
4141986.40        0.18729
         579050.01    4141986.40        0.17506                        579070.01
4141986.40        0.16393
         579090.01    4141986.40        0.15383                        579110.01
4141986.40        0.14466
         579130.01    4141986.40        0.13638                        579150.01
4141986.40        0.12893
         579170.01    4141986.40        0.12223                        579190.01
4141986.40        0.11616
         578810.54    4142001.46        0.39169                        578830.54
4142001.46        0.36215
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                  PAGE 355
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2
,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.33508	578870.54	4142001.46	0.31068
578890.54	4142001.46	0.28855	578910.54	4142001.46	0.26837
578930.54	4142001.46	0.24992	578950.54	4142001.46	0.23299
578970.54	4142001.46	0.21738	578990.54	4142001.46	0.20294
579010.54	4142001.46	0.18958	579030.54	4142001.46	0.17725
579050.54	4142001.46	0.16595	579070.54	4142001.46	0.15562
579090.54	4142001.46	0.14622	579110.54	4142001.46	0.13768
579130.54	4142001.46	0.12992	579150.54	4142001.46	0.12293
579170.54	4142001.46	0.11661	579190.54	4142001.46	0.11088

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D
,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.08533	578405.01	4141176.41	0.09482
578425.01	4141176.41	0.10600	578445.01	4141176.41	0.11936
578465.01	4141176.41	0.13467	578485.01	4141176.41	0.15334
578505.01	4141176.41	0.17672	578525.01	4141176.41	0.20488
578545.01	4141176.41	0.24027	578565.01	4141176.41	0.28295
578585.01	4141176.41	0.33596	578605.01	4141176.41	0.40032
578625.01	4141176.41	0.47651	578645.01	4141176.41	0.56777
578665.01	4141176.41	0.67974	578685.01	4141176.41	0.81877
578705.01	4141176.41	0.98701	578725.01	4141176.41	1.19620
578745.01	4141176.41	1.46222	578765.01	4141176.41	1.79280
578785.01	4141176.41	2.21647	578805.01	4141176.41	2.75295
578825.01	4141176.41	3.42651	578845.01	4141176.41	4.23730
578865.01	4141176.41	5.12336	578885.01	4141176.41	6.05837
578905.01	4141176.41	6.96863	578925.01	4141176.41	7.80605
578945.01	4141176.41	8.53491	578965.01	4141176.41	9.08519
578985.01	4141176.41	9.43089	579005.01	4141176.41	9.51876
579025.01	4141176.41	9.35491	579045.01	4141176.41	8.92618
579065.01	4141176.41	8.25683	579085.01	4141176.41	7.41025
579105.01	4141176.41	6.49656	579125.01	4141176.41	5.60397
579145.01	4141176.41	4.79093	579165.01	4141176.41	4.07988
579185.01	4141176.41	3.49133	579205.01	4141176.41	2.99262
579225.01	4141176.41	2.57435	578385.01		

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4141196.41        0.08384
         578405.01    4141196.41        0.09315                        578425.01
4141196.41        0.10416
         578445.01    4141196.41        0.11701                        578465.01
4141196.41        0.13232
         578485.01    4141196.41        0.15084                        578505.01
4141196.41        0.17344
         578525.01    4141196.41        0.20155                        578545.01
4141196.41        0.23642
         578565.01    4141196.41        0.27992                        578585.01
4141196.41        0.33374
         578605.01    4141196.41        0.39930                        578625.01
4141196.41        0.47924
         578645.01    4141196.41        0.57848                        578665.01
4141196.41        0.70102
         578685.01    4141196.41        0.84757                        578705.01
4141196.41        1.02881
         578725.01    4141196.41        1.25675                        578745.01
4141196.41        1.54833
         578765.01    4141196.41        1.92532                        578785.01
4141196.41        2.40381
         578805.01    4141196.41        3.02182                        578825.01
4141196.41        3.79364
         578845.01    4141196.41        4.72402                        578865.01
4141196.41        5.76679
         578885.01    4141196.41        6.82179                        578905.01
4141196.41        7.84137
         578925.01    4141196.41        8.76607                        578945.01
4141196.41        9.54578
         578965.01    4141196.41       10.13508                        578985.01
4141196.41       10.45113
         579005.01    4141196.41       10.51042                        579025.01
4141196.41       10.27414
         579045.01    4141196.41        9.69623                        579065.01
4141196.41        8.86020
         579085.01    4141196.41        7.82404                        579105.01
4141196.41        6.74677
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	5.73590	579145.01	4141196.41	4.85494
579165.01	4141196.41	4.10109	579185.01	4141196.41	3.47038
579205.01	4141196.41	2.95103	579225.01	4141196.41	2.52105
579245.01	4141196.41	2.16385	578385.01	4141216.41	0.08258
578405.01	4141216.41	0.09167	578425.01	4141216.41	0.10236
578445.01	4141216.41	0.11496	578465.01	4141216.41	0.13003
578485.01	4141216.41	0.14816	578505.01	4141216.41	0.17010
578525.01	4141216.41	0.19799	578545.01	4141216.41	0.23250
578565.01	4141216.41	0.27591	578585.01	4141216.41	0.33046
578605.01	4141216.41	0.39775	578625.01	4141216.41	0.48228
578645.01	4141216.41	0.58868	578665.01	4141216.41	0.71731
578685.01	4141216.41	0.87653	578705.01	4141216.41	1.07219
578725.01	4141216.41	1.32056	578745.01	4141216.41	1.64318
578765.01	4141216.41	2.06751	578785.01	4141216.41	2.62015
578805.01	4141216.41	3.32985	578825.01	4141216.41	4.22792
578845.01	4141216.41	5.30627	578925.01	4141216.41	9.87473
578945.01	4141216.41	10.69828	578965.01	4141216.41	11.35002
578985.01	4141216.41	11.68912	579005.01	4141216.41	11.68972
579025.01	4141216.41	11.29838	579045.01	4141216.41	10.53425
579065.01	4141216.41	9.47767	579085.01	4141216.41	8.23246

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         579105.01    4141216.41        6.97968                      579125.01
4141216.41        5.85463
         579145.01    4141216.41        4.89122                      579165.01
4141216.41        4.08226
         579185.01    4141216.41        3.42507                      579205.01
4141216.41        2.89273
         579225.01    4141216.41        2.45896                      579245.01
4141216.41        2.09765
         578385.01    4141236.41        0.08144                      578405.01
4141236.41        0.09048
         578425.01    4141236.41        0.10083                      578445.01
4141236.41        0.11314
         578465.01    4141236.41        0.12784                      578485.01
4141236.41        0.14554
         578505.01    4141236.41        0.16767                      578525.01
4141236.41        0.19492
         578545.01    4141236.41        0.22822                      578565.01
4141236.41        0.27107
         578585.01    4141236.41        0.32619                      578605.01
4141236.41        0.39488
         578625.01    4141236.41        0.48215                      578645.01
4141236.41        0.59332
         578665.01    4141236.41        0.73128                      578685.01
4141236.41        0.90352
         578705.01    4141236.41        1.11795                      578725.01
4141236.41        1.39135
         578745.01    4141236.41        1.74660                      578765.01
4141236.41        2.22099
         578785.01    4141236.41        2.86243                      578805.01
4141236.41        3.68975
         578825.01    4141236.41        4.74638                      578945.01
4141236.41       12.07200
         578965.01    4141236.41       12.72402                      578985.01
4141236.41       13.11785
         579005.01    4141236.41       13.03091                      579025.01
4141236.41       12.46939
         579045.01    4141236.41       11.44965                      579065.01
4141236.41       10.09915
         579085.01    4141236.41        8.63024                      579105.01
4141236.41        7.19388
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
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INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D
,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	5.93030	579145.01	4141236.41	4.87853
579165.01	4141236.41	4.03568	579185.01	4141236.41	3.35893
579205.01	4141236.41	2.81691	579225.01	4141236.41	2.38303
579245.01	4141236.41	2.02681	578385.01	4141256.41	0.08091
578405.01	4141256.41	0.08956	578425.01	4141256.41	0.09979
578445.01	4141256.41	0.11171	578465.01	4141256.41	0.12595
578485.01	4141256.41	0.14329	578505.01	4141256.41	0.16499
578525.01	4141256.41	0.19139	578545.01	4141256.41	0.22394
578565.01	4141256.41	0.26606	578585.01	4141256.41	0.32095
578605.01	4141256.41	0.39131	578625.01	4141256.41	0.48015
578645.01	4141256.41	0.59420	578665.01	4141256.41	0.74165
578685.01	4141256.41	0.92665	578705.01	4141256.41	1.16389
578725.01	4141256.41	1.46545	578745.01	4141256.41	1.86180
578765.01	4141256.41	2.39721	578785.01	4141256.41	3.12980
578805.01	4141256.41	4.11835	578965.01	4141256.41	14.37734
578985.01	4141256.41	14.73406	579005.01	4141256.41	14.61258
579025.01	4141256.41	13.79823	579045.01	4141256.41	12.45601
579065.01	4141256.41	10.76117	579085.01	4141256.41	8.99957
579105.01	4141256.41	7.33914	579125.01		

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4141256.41        5.94635
         579145.01    4141256.41        4.83322                      579165.01
4141256.41        3.96075
         579185.01    4141256.41        3.27523                      579205.01
4141256.41        2.73038
         579225.01    4141256.41        2.29945                      579245.01
4141256.41        1.95933
         579265.01    4141256.41        1.69140                      578385.01
4141276.41        0.08171
         578405.01    4141276.41        0.08926                      578425.01
4141276.41        0.09902
         578445.01    4141276.41        0.11085                      578465.01
4141276.41        0.12467
         578485.01    4141276.41        0.14157                      578505.01
4141276.41        0.16224
         578525.01    4141276.41        0.18807                      578545.01
4141276.41        0.22004
         578565.01    4141276.41        0.26085                      578585.01
4141276.41        0.31492
         578605.01    4141276.41        0.38480                      578625.01
4141276.41        0.47679
         578645.01    4141276.41        0.59439                      578665.01
4141276.41        0.74839
         578685.01    4141276.41        0.94713                      578705.01
4141276.41        1.20494
         578725.01    4141276.41        1.54444                      578745.01
4141276.41        1.98838
         578765.01    4141276.41        2.60283                      578785.01
4141276.41        3.45231
         578985.01    4141276.41       16.69925                      579005.01
4141276.41       16.41737
         579025.01    4141276.41       15.35335                      579045.01
4141276.41       13.56465
         579065.01    4141276.41       11.44897                      579085.01
4141276.41        9.29347
         579105.01    4141276.41        7.42783                      579125.01
4141276.41        5.92121
         579145.01    4141276.41        4.76004                      579165.01
4141276.41        3.86223
         579185.01    4141276.41        3.16888                      579205.01
4141276.41        2.63271
         579225.01    4141276.41        2.21883                      579245.01
4141276.41        1.89918
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                  PAGE 359
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***

INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	1.65487	578385.01	4141296.41	0.08203
578405.01	4141296.41	0.09060	578425.01	4141296.41	0.09914
578445.01	4141296.41	0.11032	578465.01	4141296.41	0.12401
578485.01	4141296.41	0.14052	578505.01	4141296.41	0.16053
578525.01	4141296.41	0.18546	578545.01	4141296.41	0.21664
578565.01	4141296.41	0.25645	578585.01	4141296.41	0.30849
578605.01	4141296.41	0.37773	578625.01	4141296.41	0.47030
578645.01	4141296.41	0.59291	578665.01	4141296.41	0.75224
578685.01	4141296.41	0.96448	578705.01	4141296.41	1.24525
578725.01	4141296.41	1.61953	578745.01	4141296.41	2.12904
579005.01	4141296.41	18.59458	579025.01	4141296.41	17.09521
579045.01	4141296.41	14.74921	579065.01	4141296.41	12.04200
579085.01	4141296.41	9.52709	579105.01	4141296.41	7.45907
579125.01	4141296.41	5.85086	579145.01	4141296.41	4.63414
579165.01	4141296.41	3.73567	579185.01	4141296.41	3.05120
579205.01	4141296.41	2.53680	579225.01	4141296.41	2.14932
579245.01	4141296.41	1.85374	579265.01	4141296.41	1.63068

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         579285.01    4141296.41        1.45509                        578385.01
4141316.41        0.08379
         578405.01    4141316.41        0.09114                        578425.01
4141316.41        0.10107
         578445.01    4141316.41        0.11109                        578465.01
4141316.41        0.12374
         578485.01    4141316.41        0.13973                        578505.01
4141316.41        0.15949
         578525.01    4141316.41        0.18378                        578545.01
4141316.41        0.21405
         578565.01    4141316.41        0.25294                        578585.01
4141316.41        0.30357
         578605.01    4141316.41        0.37149                        578625.01
4141316.41        0.46290
         578645.01    4141316.41        0.58780                        578665.01
4141316.41        0.75464
         578685.01    4141316.41        0.97874                        578705.01
4141316.41        1.28239
         578725.01    4141316.41        1.69705                        579025.01
4141316.41       19.05813
         579045.01    4141316.41       15.93677                        579065.01
4141316.41       12.60430
         579085.01    4141316.41        9.69265                        579105.01
4141316.41        7.41648
         579125.01    4141316.41        5.71680                        579145.01
4141316.41        4.48109
         579165.01    4141316.41        3.59236                        579185.01
4141316.41        2.93870
         579205.01    4141316.41        2.45477                        579225.01
4141316.41        2.09739
         579245.01    4141316.41        1.82985                        579265.01
4141316.41        1.62250
         579285.01    4141316.41        1.45464                        578385.01
4141336.41        0.08642
         578405.01    4141336.41        0.09342                        578425.01
4141336.41        0.10191
         578445.01    4141336.41        0.11271                        578465.01
4141336.41        0.12616
         578485.01    4141336.41        0.14012                        578505.01
4141336.41        0.15885
         578525.01    4141336.41        0.18262                        578545.01
4141336.41        0.21262
         578565.01    4141336.41        0.25013                        578585.01
4141336.41        0.29935
         578605.01    4141336.41        0.36553                        578625.01
4141336.41        0.45592
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.57890	578665.01	4141336.41	0.75281
578685.01	4141336.41	0.98847	578705.01	4141336.41	1.31758
579025.01	4141336.41	21.35402	579045.01	4141336.41	17.18614
579065.01	4141336.41	13.08923	579085.01	4141336.41	9.74332
579105.01	4141336.41	7.27336	579125.01	4141336.41	5.53220
579145.01	4141336.41	4.31738	579165.01	4141336.41	3.45463
579185.01	4141336.41	2.84238	579205.01	4141336.41	2.39448
579225.01	4141336.41	2.07072	579245.01	4141336.41	1.81976
579265.01	4141336.41	1.61979	579285.01	4141336.41	1.45475
578385.01	4141356.41	0.08982	578405.01	4141356.41	0.09687
578425.01	4141356.41	0.10526	578445.01	4141356.41	0.11509
578465.01	4141356.41	0.12712	578485.01	4141356.41	0.14310
578505.01	4141356.41	0.16106	578525.01	4141356.41	0.18257
578545.01	4141356.41	0.21155	578565.01	4141356.41	0.24885
578585.01	4141356.41	0.29637	578605.01	4141356.41	0.36083
578625.01	4141356.41	0.44857	578645.01		

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4141356.41        0.57067
         578665.01    4141356.41        0.74524                    578685.01
4141356.41        0.99424
         579025.01    4141356.41       24.06713                    579045.01
4141356.41       18.45996
         579065.01    4141356.41       13.41246                    579085.01
4141356.41        9.63250
         579105.01    4141356.41        7.03896                    579125.01
4141356.41        5.30834
         579145.01    4141356.41        4.13911                    579165.01
4141356.41        3.33204
         579185.01    4141356.41        2.76890                    579205.01
4141356.41        2.36088
         579225.01    4141356.41        2.05423                    579245.01
4141356.41        1.81230
         579265.01    4141356.41        1.61475                    579285.01
4141356.41        1.44748
         579305.01    4141356.41        1.30376                    578385.01
4141376.41        0.09356
         578405.01    4141376.41        0.10085                    578425.01
4141376.41        0.10921
         578445.01    4141376.41        0.11916                    578465.01
4141376.41        0.13080
         578485.01    4141376.41        0.14471                    578505.01
4141376.41        0.16268
         578525.01    4141376.41        0.18591                    578545.01
4141376.41        0.21184
         578565.01    4141376.41        0.24806                    578585.01
4141376.41        0.29508
         578605.01    4141376.41        0.35753                    578625.01
4141376.41        0.44282
         578645.01    4141376.41        0.56286                    578665.01
4141376.41        0.73734
         578685.01    4141376.41        0.99385                    579005.01
4141376.41       34.12261
         579025.01    4141376.41       27.13486                    579045.01
4141376.41       19.54002
         579065.01    4141376.41       13.47407                    579085.01
4141376.41        9.36203
         579105.01    4141376.41        6.72684                    579125.01
4141376.41        5.05892
         579145.01    4141376.41        3.97246                    579165.01
4141376.41        3.23870
         579185.01    4141376.41        2.72065                    579205.01
4141376.41        2.33693
         579225.01    4141376.41        2.03986                    579245.01
4141376.41        1.79993
         579265.01    4141376.41        1.59884                    579285.01
4141376.41        1.42935
1 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	1.28408	578385.01	4141396.41	0.09749
578405.01	4141396.41	0.10489	578425.01	4141396.41	0.11329
578445.01	4141396.41	0.12331	578465.01	4141396.41	0.13551
578485.01	4141396.41	0.14971	578505.01	4141396.41	0.16644
578525.01	4141396.41	0.18891	578545.01	4141396.41	0.21452
578565.01	4141396.41	0.24861	578585.01	4141396.41	0.29360
578605.01	4141396.41	0.35410	578625.01	4141396.41	0.43752
578645.01	4141396.41	0.55551	578665.01	4141396.41	0.72736
579005.01	4141396.41	41.34368	579025.01	4141396.41	30.51311
579045.01	4141396.41	20.28229	579065.01	4141396.41	13.18739
579085.01	4141396.41	8.90878	579105.01	4141396.41	6.37900
579125.01	4141396.41	4.84096	579145.01	4141396.41	3.84794
579165.01	4141396.41	3.17008	579185.01	4141396.41	2.68169
579205.01	4141396.41	2.31074	579225.01	4141396.41	2.01470

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         579245.01    4141396.41        1.77201                    579265.01
4141396.41        1.56924
         579285.01    4141396.41        1.39876                    579305.01
4141396.41        1.25328
         578385.01    4141416.41        0.10104                    578405.01
4141416.41        0.10884
         578425.01    4141416.41        0.11785                    578445.01
4141416.41        0.12834
         578465.01    4141416.41        0.14058                    578485.01
4141416.41        0.15523
         578505.01    4141416.41        0.17220                    578525.01
4141416.41        0.19332
         578545.01    4141416.41        0.21962                    578565.01
4141416.41        0.25204
         578585.01    4141416.41        0.29514                    578605.01
4141416.41        0.35280
         578625.01    4141416.41        0.43260                    578645.01
4141416.41        0.54610
         578665.01    4141416.41        0.71495                    579025.01
4141416.41       34.02261
         579045.01    4141416.41       20.51998                    579065.01
4141416.41       12.62333
         579085.01    4141416.41        8.41298                    579105.01
4141416.41        6.05900
         579125.01    4141416.41        4.65576                    579145.01
4141416.41        3.74282
         579165.01    4141416.41        3.10543                    579185.01
4141416.41        2.63141
         579205.01    4141416.41        2.26209                    579225.01
4141416.41        1.96665
         579245.01    4141416.41        1.72371                    579265.01
4141416.41        1.52305
         579285.01    4141416.41        1.35329                    579305.01
4141416.41        1.21206
         578385.01    4141436.41        0.10440                    578405.01
4141436.41        0.11278
         578425.01    4141436.41        0.12235                    578445.01
4141436.41        0.13361
         578465.01    4141436.41        0.14650                    578485.01
4141436.41        0.16164
         578505.01    4141436.41        0.17890                    578525.01
4141436.41        0.20070
         578545.01    4141436.41        0.22668                    578565.01
4141436.41        0.25891
         578585.01    4141436.41        0.30135                    578605.01
4141436.41        0.35686
         578625.01    4141436.41        0.43286                    578645.01
4141436.41        0.54106
         579025.01    4141436.41       37.09557                    579045.01
4141436.41       20.07060
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579065.01   4141436.41   11.84432   579085.01
4141436.41   7.88741

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S):   DEMO1_1D   , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	5.75749	579125.01	4141436.41	4.48111
579145.01	4141436.41	3.62968	579165.01	4141436.41	3.01456
579185.01	4141436.41	2.54831	579205.01	4141436.41	2.18376
579225.01	4141436.41	1.89254	579245.01	4141436.41	1.65553
579265.01	4141436.41	1.45947	579285.01	4141436.41	1.29694
579305.01	4141436.41	1.16024	579325.01	4141436.41	1.04351
578385.01	4141456.41	0.10777	578405.01	4141456.41	0.11660
578425.01	4141456.41	0.12669	578445.01	4141456.41	0.13846
578465.01	4141456.41	0.15203	578485.01	4141456.41	0.16808
578505.01	4141456.41	0.18599	578525.01	4141456.41	0.20931
578545.01	4141456.41	0.23524	578565.01	4141456.41	0.26898
578585.01	4141456.41	0.31200	578605.01	4141456.41	0.36676
578625.01	4141456.41	0.44051	578645.01		

4141456.41 0.54444
579045.01 4141456.41 18.61182 579065.01
4141456.41 10.80892
579085.01 4141456.41 7.30715 579105.01
4141456.41 5.43147
579125.01 4141456.41 4.26526 579145.01
4141456.41 3.46166
579165.01 4141456.41 2.86968 579185.01
4141456.41 2.42027
579205.01 4141456.41 2.07004 579225.01
4141456.41 1.79247
579245.01 4141456.41 1.56586 579265.01
4141456.41 1.38085
578385.01 4141476.41 0.11105 578405.01
4141476.41 0.12043
578425.01 4141476.41 0.13110 578445.01
4141476.41 0.14321
578465.01 4141476.41 0.15750 578485.01
4141476.41 0.17457
578505.01 4141476.41 0.19375 578525.01
4141476.41 0.21859
578545.01 4141476.41 0.24470 578565.01
4141476.41 0.27948
578585.01 4141476.41 0.32333 578605.01
4141476.41 0.37975
578625.01 4141476.41 0.45425 578645.01
4141476.41 0.55761
579065.01 4141476.41 9.52882 579085.01
4141476.41 6.66057
579105.01 4141476.41 5.01709 579125.01
4141476.41 3.95096
579145.01 4141476.41 3.20868 579165.01
4141476.41 2.66377
579185.01 4141476.41 2.24456 579205.01
4141476.41 1.92100
579225.01 4141476.41 1.66537 578385.01
4141496.41 0.11437
578405.01 4141496.41 0.12430 578425.01
4141496.41 0.13548
578445.01 4141496.41 0.14830 578465.01
4141496.41 0.16331
578485.01 4141496.41 0.18123 578505.01
4141496.41 0.20144
578525.01 4141496.41 0.22784 578545.01
4141496.41 0.25517
578565.01 4141496.41 0.29075 578585.01
4141496.41 0.33585
578605.01 4141496.41 0.39364 578625.01
4141496.41 0.46983
578645.01 4141496.41 0.57631 579085.01

4141496.41 5.85397
579105.01 4141496.41 4.46455 579125.01
4141496.41 3.53538
579145.01 4141496.41 2.88371 579165.01
4141496.41 2.40467

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	2.03627	579205.01	4141496.41	1.74916
578385.01	4141516.41	0.11724	578405.01	4141516.41	0.12784
578425.01	4141516.41	0.13983	578445.01	4141516.41	0.15332
578465.01	4141516.41	0.16916	578485.01	4141516.41	0.18793
578505.01	4141516.41	0.20944	578525.01	4141516.41	0.23781
578545.01	4141516.41	0.26635	578565.01	4141516.41	0.30437
578585.01	4141516.41	0.35119	578605.01	4141516.41	0.41104
578625.01	4141516.41	0.49038	578645.01	4141516.41	0.60051
579085.01	4141516.41	4.88561	579105.01	4141516.41	3.80512
579125.01	4141516.41	3.05742	579145.01	4141516.41	2.51961
579165.01	4141516.41	2.11858	578385.01	4141536.41	0.12000

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         578405.01    4141536.41        0.13077                    578425.01
4141536.41        0.14334
         578445.01    4141536.41        0.15795                    578465.01
4141536.41        0.17464
         578485.01    4141536.41        0.19442                    578505.01
4141536.41        0.21725
         578525.01    4141536.41        0.24834                    578545.01
4141536.41        0.27807
         578565.01    4141536.41        0.31943                    578585.01
4141536.41        0.37004
         578605.01    4141536.41        0.43370                    578625.01
4141536.41        0.51840
         578645.01    4141536.41        0.63316                    578665.01
4141536.41        0.79718
         579105.01    4141536.41        3.13092                    579125.01
4141536.41        2.56830
         579185.01    4141536.41        1.57487                    578385.01
4141556.41        0.12230
         578405.01    4141556.41        0.13341                    578425.01
4141556.41        0.14627
         578445.01    4141556.41        0.16142                    578465.01
4141556.41        0.17927
         578485.01    4141556.41        0.20002                    578505.01
4141556.41        0.22452
         578525.01    4141556.41        0.25662                    578545.01
4141556.41        0.28963
         578565.01    4141556.41        0.33428                    578585.01
4141556.41        0.38979
         578605.01    4141556.41        0.46139                    578625.01
4141556.41        0.55482
         578645.01    4141556.41        0.68195                    578665.01
4141556.41        0.86313
         578685.01    4141556.41        1.14082                    579165.01
4141556.41        1.55295
         579185.01    4141556.41        1.35377                    579205.01
4141556.41        1.19101
         578385.01    4141576.41        0.12438                    578405.01
4141576.41        0.13584
         578425.01    4141576.41        0.14923                    578445.01
4141576.41        0.16499
         578465.01    4141576.41        0.18334                    578485.01
4141576.41        0.20528
         578505.01    4141576.41        0.23194                    578525.01
4141576.41        0.26610
         578545.01    4141576.41        0.30337                    578565.01
4141576.41        0.35200
         578585.01    4141576.41        0.41365                    578605.01
4141576.41        0.49401
         578625.01    4141576.41        0.60214                    578645.01
4141576.41        0.75466
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578665.01 4141576.41 0.97542 578685.01
4141576.41 1.32304
578705.01 4141576.41 1.93441 579145.01
4141576.41 1.49378
579165.01 4141576.41 1.30687 579185.01
4141576.41 1.15352
579205.01 4141576.41 1.02555 579225.01
4141576.41 0.91768

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.82559	579265.01	4141576.41	0.74716
578385.01	4141596.41	0.12666	578405.01	4141596.41	0.13894
578425.01	4141596.41	0.15292	578445.01	4141596.41	0.16964
578465.01	4141596.41	0.18925	578485.01	4141596.41	0.21279
578505.01	4141596.41	0.24209	578525.01	4141596.41	0.27875
578545.01	4141596.41	0.32093	578565.01	4141596.41	0.37649
578585.01	4141596.41	0.44709	578605.01	4141596.41	0.54041
578625.01	4141596.41	0.66967	578645.01	4141596.41	0.85732
578665.01	4141596.41	1.14750	578685.01	4141596.41	1.62012
578705.01	4141596.41	2.43346	578725.01		

4141596.41 3.95019
578745.01 4141596.41 6.74887 579105.01
4141596.41 1.60960
579145.01 4141596.41 1.23479 579165.01
4141596.41 1.09525
579185.01 4141596.41 0.97822 579205.01
4141596.41 0.87887
579225.01 4141596.41 0.79377 579245.01
4141596.41 0.72031
579265.01 4141596.41 0.65657 579285.01
4141596.41 0.59959
579305.01 4141596.41 0.55120 579325.01
4141596.41 0.50788
579345.01 4141596.41 0.46971 578385.01
4141616.41 0.12961
578405.01 4141616.41 0.14289 578425.01
4141616.41 0.15834
578445.01 4141616.41 0.17636 578465.01
4141616.41 0.19782
578485.01 4141616.41 0.22371 578505.01
4141616.41 0.25591
578525.01 4141616.41 0.29791 578545.01
4141616.41 0.34492
578565.01 4141616.41 0.40967 578585.01
4141616.41 0.49337
578605.01 4141616.41 0.60754 578625.01
4141616.41 0.76983
578645.01 4141616.41 1.00766 578665.01
4141616.41 1.37959
578685.01 4141616.41 1.98135 578705.01
4141616.41 2.96565
578725.01 4141616.41 4.55079 578745.01
4141616.41 7.06894
579065.01 4141616.41 1.70814 579085.01
4141616.41 1.47719
579105.01 4141616.41 1.29413 579125.01
4141616.41 1.14547
579165.01 4141616.41 0.91739 579185.01
4141616.41 0.82847
579205.01 4141616.41 0.75174 579225.01
4141616.41 0.68503
579245.01 4141616.41 0.62671 579265.01
4141616.41 0.57543
579285.01 4141616.41 0.52799 579305.01
4141616.41 0.48846
579325.01 4141616.41 0.45333 579345.01
4141616.41 0.42162
578385.01 4141636.41 0.13409 578405.01
4141636.41 0.14844
578425.01 4141636.41 0.16531 578445.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	1.65413	578685.01	4141636.41	2.34831
578705.01	4141636.41	3.40834	578725.01	4141636.41	4.98366
579045.01	4141636.41	1.55622	579065.01	4141636.41	1.34618
579085.01	4141636.41	1.18211	579105.01	4141636.41	1.04945
579125.01	4141636.41	0.93997	579165.01	4141636.41	0.76996
579185.01	4141636.41	0.70204	579205.01	4141636.41	0.64289
579225.01	4141636.41	0.59083	579245.01	4141636.41	0.54479
579265.01	4141636.41	0.50360	579285.01	4141636.41	0.46614

579305.01 4141636.41 0.43353 579325.01
4141636.41 0.40407
579345.01 4141636.41 0.37760 578385.01
4141656.41 0.14042
578405.01 4141656.41 0.15619 578425.01
4141656.41 0.17452
578445.01 4141656.41 0.19680 578465.01
4141656.41 0.22452
578485.01 4141656.41 0.25761 578505.01
4141656.41 0.30073
578525.01 4141656.41 0.35274 578545.01
4141656.41 0.42124
578565.01 4141656.41 0.51352 578585.01
4141656.41 0.63969
578605.01 4141656.41 0.81571 578625.01
4141656.41 1.06746
578645.01 4141656.41 1.42193 578665.01
4141656.41 1.93298
578685.01 4141656.41 2.69188 578705.01
4141656.41 3.75371
578725.01 4141656.41 5.29404 579005.01
4141656.41 1.69705
579025.01 4141656.41 1.43206 579045.01
4141656.41 1.23296
579065.01 4141656.41 1.08046 579085.01
4141656.41 0.95888
579105.01 4141656.41 0.86001 579125.01
4141656.41 0.77795
579145.01 4141656.41 0.70851 579185.01
4141656.41 0.59676
579205.01 4141656.41 0.55099 579225.01
4141656.41 0.51034
579245.01 4141656.41 0.47403 579265.01
4141656.41 0.44088
579285.01 4141656.41 0.41111 579305.01
4141656.41 0.38475
579325.01 4141656.41 0.35995 579345.01
4141656.41 0.33767
578385.01 4141676.41 0.14864 578405.01
4141676.41 0.16585
578425.01 4141676.41 0.18634 578445.01
4141676.41 0.21157
578465.01 4141676.41 0.24334 578485.01
4141676.41 0.28190
578505.01 4141676.41 0.33295 578525.01
4141676.41 0.39568
578545.01 4141676.41 0.47883 578565.01
4141676.41 0.59037
578585.01 4141676.41 0.74204 578605.01
4141676.41 0.94869

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         578625.01    4141676.41        1.23662                       578645.01
4141676.41        1.63935
         578665.01    4141676.41        2.19627                       578685.01
4141676.41        2.94750
         578705.01    4141676.41        3.96806                       578985.01
4141676.41        1.58257
         579005.01    4141676.41        1.33524                       579025.01
4141676.41        1.14464
         579045.01    4141676.41        0.99785                       579065.01
4141676.41        0.88222
         579085.01    4141676.41        0.78970                       579105.01
4141676.41        0.71386
         579125.01    4141676.41        0.65052                       579145.01
4141676.41        0.59677
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 366
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579165.01    4141676.41        0.55054                       579185.01
4141676.41        0.51001
         579205.01    4141676.41        0.47407                       579225.01
4141676.41        0.44205
         579245.01    4141676.41        0.41331                       579265.01
4141676.41        0.38719
         579285.01    4141676.41        0.36328                       579305.01
4141676.41        0.34082
         579325.01    4141676.41        0.32137                       579345.01
4141676.41        0.30337
         578385.01    4141696.41        0.15857                       578405.01
4141696.41        0.17785
         578425.01    4141696.41        0.20165                       578445.01
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4141696.41 0.23145
578465.01 4141696.41 0.26761 578485.01
4141696.41 0.31266
578505.01 4141696.41 0.37286 578525.01
4141696.41 0.44982
578565.01 4141696.41 0.68078 578585.01
4141696.41 0.85635
578605.01 4141696.41 1.09093 578625.01
4141696.41 1.40419
578645.01 4141696.41 1.83124 578665.01
4141696.41 2.38904
578685.01 4141696.41 3.09966 578945.01
4141696.41 1.75309
578965.01 4141696.41 1.47123 578985.01
4141696.41 1.25047
579005.01 4141696.41 1.07364 579025.01
4141696.41 0.93236
579045.01 4141696.41 0.82089 579065.01
4141696.41 0.73213
579085.01 4141696.41 0.66005 579105.01
4141696.41 0.60049
579125.01 4141696.41 0.55041 579145.01
4141696.41 0.50779
579165.01 4141696.41 0.47095 579185.01
4141696.41 0.43881
579205.01 4141696.41 0.41007 579225.01
4141696.41 0.38448
579245.01 4141696.41 0.36134 579265.01
4141696.41 0.34043
579285.01 4141696.41 0.32120 579305.01
4141696.41 0.30318
579325.01 4141696.41 0.28712 579345.01
4141696.41 0.27207
578385.01 4141716.41 0.17074 578405.01
4141716.41 0.19310
578425.01 4141716.41 0.22104 578445.01
4141716.41 0.25547
578465.01 4141716.41 0.29721 578485.01
4141716.41 0.35058
578505.01 4141716.41 0.42219 578525.01
4141716.41 0.51458
578605.01 4141716.41 1.22550 578625.01
4141716.41 1.55610
578645.01 4141716.41 1.97973 578665.01
4141716.41 2.49662
578685.01 4141716.41 3.12387 578905.01
4141716.41 1.95292
578925.01 4141716.41 1.61840 578945.01
4141716.41 1.36858
578965.01 4141716.41 1.17253 578985.01

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4141716.41        1.01187
         579005.01    4141716.41        0.87943                       579025.01
4141716.41        0.77219
         579045.01    4141716.41        0.68602                       579065.01
4141716.41        0.61629
         579085.01    4141716.41        0.55907                       579105.01
4141716.41        0.51150
         579125.01    4141716.41        0.47106                       579145.01
4141716.41        0.43649
         579165.01    4141716.41        0.40662                       579185.01
4141716.41        0.38044
         579205.01    4141716.41        0.35705                       579225.01
4141716.41        0.33617
         579245.01    4141716.41        0.31698                       579265.01
4141716.41        0.30021
         579285.01    4141716.41        0.28456                       579305.01
4141716.41        0.26970
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 367
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         579325.01    4141716.41        0.25645                       579345.01
4141716.41        0.24418
         578385.01    4141736.41        0.18549                       578405.01
4141736.41        0.21199
         578425.01    4141736.41        0.24439                       578445.01
4141736.41        0.28356
         578465.01    4141736.41        0.33247                       578485.01
4141736.41        0.39538
         578505.01    4141736.41        0.48378                       578625.01
4141736.41        1.66876
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         578645.01    4141736.41        2.05608                    578665.01
4141736.41        2.51134
         578865.01    4141736.41        2.24123                    578885.01
4141736.41        1.84714
         578905.01    4141736.41        1.52938                    578925.01
4141736.41        1.28910
         578945.01    4141736.41        1.10656                    578965.01
4141736.41        0.95974
         578985.01    4141736.41        0.83723                    579005.01
4141736.41        0.73476
         579025.01    4141736.41        0.65053                    579045.01
4141736.41        0.58197
         579065.01    4141736.41        0.52593                    579085.01
4141736.41        0.47953
         579105.01    4141736.41        0.44068                    579125.01
4141736.41        0.40745
         579145.01    4141736.41        0.37893                    579165.01
4141736.41        0.35423
         579185.01    4141736.41        0.33254                    579205.01
4141736.41        0.31313
         579225.01    4141736.41        0.29576                    579245.01
4141736.41        0.28013
         579265.01    4141736.41        0.26579                    579285.01
4141736.41        0.25288
         579305.01    4141736.41        0.24105                    579325.01
4141736.41        0.22994
         579345.01    4141736.41        0.21965                    578385.01
4141756.41        0.20404
         578405.01    4141756.41        0.23451                    578425.01
4141756.41        0.27165
         578445.01    4141756.41        0.31749                    578465.01
4141756.41        0.37422
         578485.01    4141756.41        0.45012                    578845.01
4141756.41        2.08923
         578865.01    4141756.41        1.75949                    578885.01
4141756.41        1.46817
         578905.01    4141756.41        1.23628                    578925.01
4141756.41        1.05832
         578945.01    4141756.41        0.91917                    578965.01
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         578985.01    4141756.41        0.70733                    579005.01
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         579025.01    4141756.41        0.55721                    579045.01
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         579065.01    4141756.41        0.45501                    579085.01
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4141756.41        0.31126
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         579265.01    4141756.41        0.23684                       579285.01
4141756.41        0.22587
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4141756.41        0.20661
         579345.01    4141756.41        0.19794                       578385.01
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         578405.01    4141776.41        0.26054                       578425.01
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4141776.41        1.02262
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 368
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                   INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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         579045.01    4141776.41        0.43767                       579065.01
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4141776.41 0.23368
579245.01 4141776.41 0.22240 579265.01
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4141816.41        0.21005
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 369
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 370
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         578825.01    4141896.41        0.66258                        578845.01
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         578865.01    4141896.41        0.53244                        578885.01
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         578905.01    4141896.41        0.44044                        578925.01
4141896.41        0.40303
         578945.01    4141896.41        0.36818                        578965.01
4141896.41        0.33550
         578985.01    4141896.41        0.30546                        579005.01
4141896.41        0.27873
         579025.01    4141896.41        0.25548                        579045.01
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         579065.01    4141896.41        0.21795                        579085.01
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         579105.01    4141896.41        0.18911                        579125.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 371
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                   INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 372
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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578686.27	4141145.26	0.78086	578706.27	4141145.26	0.92965
578726.27	4141145.26	1.11741	578746.27	4141145.26	1.34750
578766.27	4141145.26	1.63261	578786.27	4141145.26	1.99064
578806.27	4141145.26	2.44146	578826.27	4141145.26	2.99259
578846.27	4141145.26	3.62986	578866.27	4141145.26	4.36104
578886.27	4141145.26	5.13548	578906.27	4141145.26	5.90682
578926.27	4141145.26	6.62828	578946.27	4141145.26	7.24631
578966.27	4141145.26	7.74127	578986.27	4141145.26	8.09019
579006.27	4141145.26	8.24763	579026.27	4141145.26	8.17440
579046.27	4141145.26	7.86795	579066.27	4141145.26	7.37531
579086.27	4141145.26	6.75177	579106.27	4141145.26	6.02737
579126.27	4141145.26	5.30230	579146.27	4141145.26	4.60266
579166.27	4141145.26	3.97621	579186.27	4141145.26	3.43530
579206.27	4141145.26	2.98496	578723.62		

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4141929.59        0.84069
         578743.62    4141929.59        0.77273                        578763.62
4141929.59        0.70835
         578783.62    4141929.59        0.64765                        578803.62
4141929.59        0.58936
         578823.62    4141929.59        0.53372                        578843.62
4141929.59        0.48314
         578863.62    4141929.59        0.43952                        578883.62
4141929.59        0.40281
         578903.62    4141929.59        0.37102                        578923.62
4141929.59        0.34207
         578943.62    4141929.59        0.31465                        578963.62
4141929.59        0.28857
         578983.62    4141929.59        0.26431                        579003.62
4141929.59        0.24248
         579023.62    4141929.59        0.22326                        579043.62
4141929.59        0.20656
         579063.62    4141929.59        0.19204                        579083.62
4141929.59        0.17924
         579103.62    4141929.59        0.16779                        579123.62
4141929.59        0.15745
         579143.62    4141929.59        0.14812                        579163.62
4141929.59        0.13972
         579183.62    4141929.59        0.13218                        578725.67
4141942.60        0.76172
         578745.67    4141942.60        0.70037                        578765.67
4141942.60        0.64270
         578785.67    4141942.60        0.58828                        578805.67
4141942.60        0.53617
         578825.67    4141942.60        0.48717                        578845.67
4141942.60        0.44320
         578865.67    4141942.60        0.40536                        578885.67
4141942.60        0.37320
         578905.67    4141942.60        0.34481                        578925.67
4141942.60        0.31862
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 373
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.29368	578965.67	4141942.60	0.26992
578985.67	4141942.60	0.24778	579005.67	4141942.60	0.22780
579025.67	4141942.60	0.21021	579045.67	4141942.60	0.19489
579065.67	4141942.60	0.18153	579085.67	4141942.60	0.16974
579105.67	4141942.60	0.15917	579125.67	4141942.60	0.14959
579145.67	4141942.60	0.14087	579165.67	4141942.60	0.13297
579185.67	4141942.60	0.12585	578745.52	4141955.60	0.64260
578765.52	4141955.60	0.59057	578785.52	4141955.60	0.54143
578805.52	4141955.60	0.49469	578825.52	4141955.60	0.45112
578845.52	4141955.60	0.41221	578865.52	4141955.60	0.37869
578885.52	4141955.60	0.34978	578905.52	4141955.60	0.32401
578925.52	4141955.60	0.30006	578945.52	4141955.60	0.27716
578965.52	4141955.60	0.25533	578985.52	4141955.60	0.23493
579005.52	4141955.60	0.21640	579025.52	4141955.60	0.19998
579045.52	4141955.60	0.18566	579065.52	4141955.60	0.17316
579085.52	4141955.60	0.16214	579105.52	4141955.60	0.15225
579125.52	4141955.60	0.14326	579145.52	4141955.60	0.13505
579165.52	4141955.60	0.12755	579185.52	4141955.60	0.12074
578785.22	4141971.34	0.49182	578805.22	4141971.34	0.45085
578825.22	4141971.34	0.41298	578845.22	4141971.34	0.37925
578865.22	4141971.34	0.35006	578885.22	4141971.34	0.32446

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         578905.22    4141971.34        0.30141                        578925.22
4141971.34        0.27982
         578945.22    4141971.34        0.25909                        578965.22
4141971.34        0.23929
         578985.22    4141971.34        0.22077                        579005.22
4141971.34        0.20383
         579025.22    4141971.34        0.18873                        579045.22
4141971.34        0.17547
         579065.22    4141971.34        0.16388                        579085.22
4141971.34        0.15367
         579105.22    4141971.34        0.14453                        579125.22
4141971.34        0.13620
         579145.22    4141971.34        0.12856                        579165.22
4141971.34        0.12151
         579185.22    4141971.34        0.11509                        578790.01
4141986.40        0.44079
         578810.01    4141986.40        0.40539                        578830.01
4141986.40        0.37312
         578850.01    4141986.40        0.34461                        578870.01
4141986.40        0.31964
         578890.01    4141986.40        0.29737                        578910.01
4141986.40        0.27690
         578930.01    4141986.40        0.25746                        578950.01
4141986.40        0.23872
         578970.01    4141986.40        0.22088                        578990.01
4141986.40        0.20428
         579010.01    4141986.40        0.18913                        579030.01
4141986.40        0.17559
         579050.01    4141986.40        0.16367                        579070.01
4141986.40        0.15320
         579090.01    4141986.40        0.14394                        579110.01
4141986.40        0.13565
         579130.01    4141986.40        0.12808                        579150.01
4141986.40        0.12109
         579170.01    4141986.40        0.11461                        579190.01
4141986.40        0.10869
         578810.54    4142001.46        0.37290                        578830.54
4142001.46        0.34470
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 374
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14  ***
                                   INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.31975	578870.54	4142001.46	0.29763
578890.54	4142001.46	0.27765	578910.54	4142001.46	0.25903
578930.54	4142001.46	0.24125	578950.54	4142001.46	0.22416
578970.54	4142001.46	0.20786	578990.54	4142001.46	0.19264
579010.54	4142001.46	0.17873	579030.54	4142001.46	0.16626
579050.54	4142001.46	0.15520	579070.54	4142001.46	0.14547
579090.54	4142001.46	0.13685	579110.54	4142001.46	0.12913
579130.54	4142001.46	0.12211	579150.54	4142001.46	0.11558
579170.54	4142001.46	0.10953	579190.54	4142001.46	0.10395

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

- -
578385.01 4141176.41 0.03083 578405.01
4141176.41 0.03344
578425.01 4141176.41 0.03648 578445.01
4141176.41 0.04005
578465.01 4141176.41 0.04396 578485.01
4141176.41 0.04857
578505.01 4141176.41 0.05503 578525.01
4141176.41 0.06147
578545.01 4141176.41 0.06923 578565.01
4141176.41 0.07812
578585.01 4141176.41 0.08884 578605.01
4141176.41 0.10159
578625.01 4141176.41 0.11653 578645.01
4141176.41 0.13445
578665.01 4141176.41 0.15657 578685.01
4141176.41 0.18386
578705.01 4141176.41 0.21599 578725.01
4141176.41 0.25440
578745.01 4141176.41 0.30095 578765.01
4141176.41 0.35537
578785.01 4141176.41 0.42109 578805.01
4141176.41 0.49989
578825.01 4141176.41 0.59617 578845.01
4141176.41 0.71429
578865.01 4141176.41 0.85292 578885.01
4141176.41 1.02282
578905.01 4141176.41 1.22757 578925.01
4141176.41 1.47394
578945.01 4141176.41 1.76666 578965.01
4141176.41 2.09294
578985.01 4141176.41 2.44626 579005.01
4141176.41 2.80511
579025.01 4141176.41 3.15983 579045.01
4141176.41 3.47881
579065.01 4141176.41 3.72603 579085.01
4141176.41 3.86966
579105.01 4141176.41 3.90188 579125.01
4141176.41 3.82373
579145.01 4141176.41 3.64866 579165.01
4141176.41 3.39665
579185.01 4141176.41 3.10687 579205.01
4141176.41 2.79295
579225.01 4141176.41 2.48193 578385.01
4141196.41 0.03048
578405.01 4141196.41 0.03299 578425.01
4141196.41 0.03594
578445.01 4141196.41 0.03929 578465.01
4141196.41 0.04319
578485.01 4141196.41 0.04863 578505.01

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4141196.41        0.05399
         578525.01    4141196.41        0.06035                       578545.01
4141196.41        0.06786
         578565.01    4141196.41        0.07677                       578585.01
4141196.41        0.08731
         578605.01    4141196.41        0.09970                       578625.01
4141196.41        0.11458
         578645.01    4141196.41        0.13310                       578665.01
4141196.41        0.15602
         578685.01    4141196.41        0.18310                       578705.01
4141196.41        0.21588
         578725.01    4141196.41        0.25560                       578745.01
4141196.41        0.30390
         578765.01    4141196.41        0.36274                       578785.01
4141196.41        0.43251
         578805.01    4141196.41        0.51779                       578825.01
4141196.41        0.62122
         578845.01    4141196.41        0.74907                       578865.01
4141196.41        0.90637
         578885.01    4141196.41        1.09390                       578905.01
4141196.41        1.32435
         578925.01    4141196.41        1.60533                       578945.01
4141196.41        1.93870
         578965.01    4141196.41        2.31839                       578985.01
4141196.41        2.71804
         579005.01    4141196.41        3.13909                       579025.01
4141196.41        3.55408
         579045.01    4141196.41        3.90885                       579065.01
4141196.41        4.17645
         579085.01    4141196.41        4.30629                       579105.01
4141196.41        4.30130
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP15  ***
                                   INCLUDING SOURCE(S):     DEMO2_1     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
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Y-COORD (M)   CONC
 -
- -
579125.01   4141196.41   4.17006   579145.01
4141196.41   3.93755
579165.01   4141196.41   3.62494   579185.01
4141196.41   3.26711
579205.01   4141196.41   2.90095   579225.01
4141196.41   2.55068
579245.01   4141196.41   2.23200   578385.01
4141216.41   0.03025
578405.01   4141216.41   0.03266   578425.01
4141216.41   0.03546
578445.01   4141216.41   0.03869   578465.01
4141216.41   0.04249
578485.01   4141216.41   0.04783   578505.01
4141216.41   0.05297
578525.01   4141216.41   0.05924   578545.01
4141216.41   0.06659
578565.01   4141216.41   0.07531   578585.01
4141216.41   0.08571
578605.01   4141216.41   0.09793   578625.01
4141216.41   0.11294
578645.01   4141216.41   0.13171   578665.01
4141216.41   0.15418
578685.01   4141216.41   0.18183   578705.01
4141216.41   0.21508
578725.01   4141216.41   0.25583   578745.01
4141216.41   0.30617
578765.01   4141216.41   0.36839   578785.01
4141216.41   0.44396
578805.01   4141216.41   0.53516   578825.01
4141216.41   0.64753
578845.01   4141216.41   0.78676   578925.01
4141216.41   1.75114
578945.01   4141216.41   2.13017   578965.01
4141216.41   2.58020
578985.01   4141216.41   3.05794   579005.01
4141216.41   3.54852
579025.01   4141216.41   4.01289   579045.01
4141216.41   4.41037
579065.01   4141216.41   4.69231   579085.01
4141216.41   4.80619
579105.01   4141216.41   4.75328   579125.01
4141216.41   4.55795
579145.01   4141216.41   4.24512   579165.01
4141216.41   3.84882
579185.01   4141216.41   3.42176   579205.01
4141216.41   3.00316
579225.01   4141216.41   2.61770   579245.01

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4141216.41        2.26530
         578385.01    4141236.41        0.03004                       578405.01
4141236.41        0.03247
         578425.01    4141236.41        0.03512                       578445.01
4141236.41        0.03823
         578465.01    4141236.41        0.04186                       578485.01
4141236.41        0.04709
         578505.01    4141236.41        0.05226                       578525.01
4141236.41        0.05832
         578545.01    4141236.41        0.06529                       578565.01
4141236.41        0.07377
         578585.01    4141236.41        0.08406                       578605.01
4141236.41        0.09612
         578625.01    4141236.41        0.11086                       578645.01
4141236.41        0.12929
         578665.01    4141236.41        0.15185                       578685.01
4141236.41        0.17975
         578705.01    4141236.41        0.21377                       578725.01
4141236.41        0.25569
         578745.01    4141236.41        0.30739                       578765.01
4141236.41        0.37211
         578785.01    4141236.41        0.45378                       578805.01
4141236.41        0.55223
         578825.01    4141236.41        0.67492                       578945.01
4141236.41        2.35948
         578965.01    4141236.41        2.87177                       578985.01
4141236.41        3.45397
         579005.01    4141236.41        4.02538                       579025.01
4141236.41        4.56191
         579045.01    4141236.41        5.00255                       579065.01
4141236.41        5.28736
         579085.01    4141236.41        5.38339                       579105.01
4141236.41        5.26831
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	4.97776	579145.01	4141236.41	4.55841
579165.01	4141236.41	4.07377	579185.01	4141236.41	3.57120
579205.01	4141236.41	3.09440	579225.01	4141236.41	2.66927
579245.01	4141236.41	2.28542	578385.01	4141256.41	0.03002
578405.01	4141256.41	0.03233	578425.01	4141256.41	0.03586
578445.01	4141256.41	0.03888	578465.01	4141256.41	0.04238
578485.01	4141256.41	0.04651	578505.01	4141256.41	0.05151
578525.01	4141256.41	0.05731	578545.01	4141256.41	0.06405
578565.01	4141256.41	0.07228	578585.01	4141256.41	0.08235
578605.01	4141256.41	0.09441	578625.01	4141256.41	0.10871
578645.01	4141256.41	0.12641	578665.01	4141256.41	0.14894
578685.01	4141256.41	0.17668	578705.01	4141256.41	0.21164
578725.01	4141256.41	0.25442	578745.01	4141256.41	0.30779
578765.01	4141256.41	0.37514	578785.01	4141256.41	0.46070
578805.01	4141256.41	0.56917	578965.01	4141256.41	3.22594
578985.01	4141256.41	3.89954	579005.01	4141256.41	4.60280
579025.01	4141256.41	5.21810	579045.01	4141256.41	5.71299
579065.01	4141256.41	6.00226	579085.01	4141256.41	6.04981
579105.01	4141256.41	5.83448	579125.01	4141256.41	5.42317
579145.01	4141256.41	4.88502	579165.01	4141256.41	4.29565
579185.01	4141256.41	3.71472	579205.01	4141256.41	3.17548
579225.01	4141256.41	2.70054	579245.01	4141256.41	2.29229
579265.01	4141256.41	1.94463	578385.01		

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4141276.41        0.03111
         578405.01    4141276.41        0.03237                        578425.01
4141276.41        0.03576
         578445.01    4141276.41        0.03877                        578465.01
4141276.41        0.04214
         578485.01    4141276.41        0.04613                        578505.01
4141276.41        0.05081
         578525.01    4141276.41        0.05641                        578545.01
4141276.41        0.06296
         578565.01    4141276.41        0.07081                        578585.01
4141276.41        0.08058
         578605.01    4141276.41        0.09225                        578625.01
4141276.41        0.10662
         578645.01    4141276.41        0.12385                        578665.01
4141276.41        0.14569
         578685.01    4141276.41        0.17316                        578705.01
4141276.41        0.20799
         578725.01    4141276.41        0.25233                        578745.01
4141276.41        0.30698
         578765.01    4141276.41        0.37764                        578785.01
4141276.41        0.46766
         578985.01    4141276.41        4.44646                        579005.01
4141276.41        5.27540
         579025.01    4141276.41        6.02990                        579045.01
4141276.41        6.57743
         579065.01    4141276.41        6.86232                        579085.01
4141276.41        6.80798
         579105.01    4141276.41        6.46824                        579125.01
4141276.41        5.90585
         579145.01    4141276.41        5.22707                        579165.01
4141276.41        4.51284
         579185.01    4141276.41        3.83396                        579205.01
4141276.41        3.22908
         579225.01    4141276.41        2.71146                        579245.01
4141276.41        2.27624
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	1.92204	578385.01	4141296.41	0.03050
578405.01	4141296.41	0.03359	578425.01	4141296.41	0.03585
578445.01	4141296.41	0.03871	578465.01	4141296.41	0.04208
578485.01	4141296.41	0.04595	578505.01	4141296.41	0.05043
578525.01	4141296.41	0.05575	578545.01	4141296.41	0.06205
578565.01	4141296.41	0.06961	578585.01	4141296.41	0.07882
578605.01	4141296.41	0.09017	578625.01	4141296.41	0.10419
578645.01	4141296.41	0.12142	578665.01	4141296.41	0.14239
578685.01	4141296.41	0.16936	578705.01	4141296.41	0.20389
578725.01	4141296.41	0.24815	578745.01	4141296.41	0.30513
579005.01	4141296.41	6.10867	579025.01	4141296.41	7.00635
579045.01	4141296.41	7.62666	579065.01	4141296.41	7.85571
579085.01	4141296.41	7.69079	579105.01	4141296.41	7.18020
579125.01	4141296.41	6.42347	579145.01	4141296.41	5.55207
579165.01	4141296.41	4.70513	579185.01	4141296.41	3.92236
579205.01	4141296.41	3.25247	579225.01	4141296.41	2.69735
579245.01	4141296.41	2.23956	579265.01	4141296.41	1.87948
579285.01	4141296.41	1.58722	578385.01	4141316.41	0.03152
578405.01	4141316.41	0.03365	578425.01	4141316.41	0.03641
578445.01	4141316.41	0.03897	578465.01	4141316.41	0.04208
578485.01	4141316.41	0.04585	578505.01	4141316.41	0.05027
578525.01	4141316.41	0.05540	578545.01		

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4141316.41        0.06143
         578565.01    4141316.41        0.06871                        578585.01
4141316.41        0.07751
         578605.01    4141316.41        0.08843                        578625.01
4141316.41        0.10186
         578645.01    4141316.41        0.11872                        578665.01
4141316.41        0.13941
         578685.01    4141316.41        0.16551                        578705.01
4141316.41        0.19928
         578725.01    4141316.41        0.24325                        579025.01
4141316.41        8.20257
         579045.01    4141316.41        8.88800                        579065.01
4141316.41        9.06383
         579085.01    4141316.41        8.72582                        579105.01
4141316.41        7.96896
         579125.01    4141316.41        6.95299                        579145.01
4141316.41        5.86496
         579165.01    4141316.41        4.85810                        579185.01
4141316.41        3.97859
         579205.01    4141316.41        3.24335                        579225.01
4141316.41        2.65648
         579245.01    4141316.41        2.19706                        579265.01
4141316.41        1.83395
         579285.01    4141316.41        1.54142                        578385.01
4141336.41        0.03204
         578405.01    4141336.41        0.03412                        578425.01
4141336.41        0.03650
         578445.01    4141336.41        0.03938                        578465.01
4141336.41        0.04281
         578485.01    4141336.41        0.04604                        578505.01
4141336.41        0.05022
         578525.01    4141336.41        0.05524                        578545.01
4141336.41        0.06120
         578565.01    4141336.41        0.06809                        578585.01
4141336.41        0.07651
         578605.01    4141336.41        0.08694                        578625.01
4141336.41        0.09991
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.11576	578665.01	4141336.41	0.13631
578685.01	4141336.41	0.16160	578705.01	4141336.41	0.19467
579025.01	4141336.41	9.73037	579045.01	4141336.41	10.47476
579065.01	4141336.41	10.53436	579085.01	4141336.41	9.92055
579105.01	4141336.41	8.81502	579125.01	4141336.41	7.48159
579145.01	4141336.41	6.15781	579165.01	4141336.41	4.96900
579185.01	4141336.41	3.99137	579205.01	4141336.41	3.20037
579225.01	4141336.41	2.60869	579245.01	4141336.41	2.14085
579265.01	4141336.41	1.77604	579285.01	4141336.41	1.49009
578385.01	4141356.41	0.03272	578405.01	4141356.41	0.03484
578425.01	4141356.41	0.03724	578445.01	4141356.41	0.03990
578465.01	4141356.41	0.04298	578485.01	4141356.41	0.04689
578505.01	4141356.41	0.05092	578525.01	4141356.41	0.05540
578545.01	4141356.41	0.06114	578565.01	4141356.41	0.06801
578585.01	4141356.41	0.07600	578605.01	4141356.41	0.08597
578625.01	4141356.41	0.09822	578645.01	4141356.41	0.11344
578665.01	4141356.41	0.13295	578685.01	4141356.41	0.15791
579025.01	4141356.41	11.72191	579045.01	4141356.41	12.49564
579065.01	4141356.41	12.31308	579085.01	4141356.41	11.27416
579105.01	4141356.41	9.69983	579125.01	4141356.41	7.97352
579145.01	4141356.41	6.36719	579165.01		

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4141356.41        5.00907
         579185.01    4141356.41        3.94914                        579205.01
4141356.41        3.13901
         579225.01    4141356.41        2.52901                        579245.01
4141356.41        2.06408
         579265.01    4141356.41        1.70985                        579285.01
4141356.41        1.43182
         579305.01    4141356.41        1.21525                        578385.01
4141376.41        0.03350
         578405.01    4141376.41        0.03568                        578425.01
4141376.41        0.03807
         578445.01    4141376.41        0.04081                        578465.01
4141376.41        0.04383
         578485.01    4141376.41        0.04722                        578505.01
4141376.41        0.05137
         578525.01    4141376.41        0.05642                        578545.01
4141376.41        0.06147
         578565.01    4141376.41        0.06817                        578585.01
4141376.41        0.07611
         578605.01    4141376.41        0.08565                        578625.01
4141376.41        0.09731
         578645.01    4141376.41        0.11184                        578665.01
4141376.41        0.13044
         578685.01    4141376.41        0.15442                        579005.01
4141376.41       12.47216
         579025.01    4141376.41       14.30511                        579045.01
4141376.41       15.03763
         579065.01    4141376.41       14.45121                        579085.01
4141376.41       12.78711
         579105.01    4141376.41       10.56951                        579125.01
4141376.41        8.35496
         579145.01    4141376.41        6.46001                        579165.01
4141376.41        4.97587
         579185.01    4141376.41        3.85989                        579205.01
4141376.41        3.03492
         579225.01    4141376.41        2.42892                        579245.01
4141376.41        1.97806
         579265.01    4141376.41        1.63369                        579285.01
4141376.41        1.37292
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 380
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	1.17056	578385.01	4141396.41	0.03438
578405.01	4141396.41	0.03654	578425.01	4141396.41	0.03891
578445.01	4141396.41	0.04165	578465.01	4141396.41	0.04485
578485.01	4141396.41	0.04837	578505.01	4141396.41	0.05226
578525.01	4141396.41	0.05721	578545.01	4141396.41	0.06233
578565.01	4141396.41	0.06868	578585.01	4141396.41	0.07634
578605.01	4141396.41	0.08564	578625.01	4141396.41	0.09703
578645.01	4141396.41	0.11110	578665.01	4141396.41	0.12871
579005.01	4141396.41	15.50144	579025.01	4141396.41	17.73634
579045.01	4141396.41	18.29800	579065.01	4141396.41	16.98863
579085.01	4141396.41	14.37479	579105.01	4141396.41	11.34634
579125.01	4141396.41	8.62590	579145.01	4141396.41	6.46383
579165.01	4141396.41	4.85969	579185.01	4141396.41	3.71427
579205.01	4141396.41	2.90233	579225.01	4141396.41	2.31399
579245.01	4141396.41	1.88272	579265.01	4141396.41	1.56059
579285.01	4141396.41	1.31739	579305.01	4141396.41	1.12829
578385.01	4141416.41	0.03522	578405.01	4141416.41	0.03743
578425.01	4141416.41	0.03992	578445.01	4141416.41	0.04274
578465.01	4141416.41	0.04591	578485.01	4141416.41	0.04955
578505.01	4141416.41	0.05352	578525.01		

4141416.41 0.05819
  578545.01 4141416.41 0.06360 578565.01
4141416.41 0.06972
  578585.01 4141416.41 0.07720 578605.01
4141416.41 0.08621
  578625.01 4141416.41 0.09723 578645.01
4141416.41 0.11077
  578665.01 4141416.41 0.12786 579025.01
4141416.41 22.43208
  579045.01 4141416.41 22.55340 579065.01
4141416.41 20.00149
  579085.01 4141416.41 16.03019 579105.01
4141416.41 11.98828
  579125.01 4141416.41 8.71584 579145.01
4141416.41 6.31677
  579165.01 4141416.41 4.65657 579185.01
4141416.41 3.52225
  579205.01 4141416.41 2.73840 579225.01
4141416.41 2.18833
  579245.01 4141416.41 1.78742 579265.01
4141416.41 1.49176
  579285.01 4141416.41 1.26394 579305.01
4141416.41 1.09033
  578385.01 4141436.41 0.03609 578405.01
4141436.41 0.03840
  578425.01 4141436.41 0.04098 578445.01
4141436.41 0.04394
  578465.01 4141436.41 0.04722 578485.01
4141436.41 0.05092
  578505.01 4141436.41 0.05493 578525.01
4141436.41 0.05976
  578545.01 4141436.41 0.06513 578565.01
4141436.41 0.07130
  578585.01 4141436.41 0.07882 578605.01
4141436.41 0.08767
  578625.01 4141436.41 0.09840 578645.01
4141436.41 0.11157
  579025.01 4141436.41 29.02863 579045.01
4141436.41 28.17880
  579065.01 4141436.41 23.52994 579085.01
4141436.41 17.58847

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	12.33922	579125.01	4141436.41	8.55163
579145.01	4141436.41	6.03011	579165.01	4141436.41	4.38332
579185.01	4141436.41	3.30321	579205.01	4141436.41	2.57615
579225.01	4141436.41	2.06976	579245.01	4141436.41	1.70341
579265.01	4141436.41	1.42892	579285.01	4141436.41	1.21991
579305.01	4141436.41	1.05613	579325.01	4141436.41	0.92342
578385.01	4141456.41	0.03700	578405.01	4141456.41	0.03938
578425.01	4141456.41	0.04203	578445.01	4141456.41	0.04506
578465.01	4141456.41	0.04844	578485.01	4141456.41	0.05231
578505.01	4141456.41	0.05641	578525.01	4141456.41	0.06156
578545.01	4141456.41	0.06686	578565.01	4141456.41	0.07339
578585.01	4141456.41	0.08108	578605.01	4141456.41	0.08992
578625.01	4141456.41	0.10054	578645.01	4141456.41	0.11355
579045.01	4141456.41	35.56539	579065.01	4141456.41	27.36363
579085.01	4141456.41	18.65580	579105.01	4141456.41	12.18738
579125.01	4141456.41	8.09786	579145.01	4141456.41	5.61464
579165.01	4141456.41	4.06884	579185.01	4141456.41	3.08350
579205.01	4141456.41	2.42473	579225.01	4141456.41	1.96595
579245.01	4141456.41	1.62759	579265.01		

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4141456.41        1.37454
         578385.01    4141476.41        0.03786                       578405.01
4141476.41        0.04035
         578425.01    4141476.41        0.04311                       578445.01
4141476.41        0.04616
         578465.01    4141476.41        0.04966                       578485.01
4141476.41        0.05372
         578505.01    4141476.41        0.05807                       578525.01
4141476.41        0.06351
         578545.01    4141476.41        0.06878                       578565.01
4141476.41        0.07548
         578585.01    4141476.41        0.08330                       578605.01
4141476.41        0.09248
         578625.01    4141476.41        0.10334                       578645.01
4141476.41        0.11657
         579065.01    4141476.41       30.68158                       579085.01
4141476.41       18.84655
         579105.01    4141476.41       11.46876                       579125.01
4141476.41        7.38817
         579145.01    4141476.41        5.11676                       579165.01
4141476.41        3.75807
         579185.01    4141476.41        2.87349                       579205.01
4141476.41        2.28385
         579225.01    4141476.41        1.86783                       578385.01
4141496.41        0.03868
         578405.01    4141496.41        0.04128                       578425.01
4141496.41        0.04413
         578445.01    4141496.41        0.04730                       578465.01
4141496.41        0.05092
         578485.01    4141496.41        0.05511                       578505.01
4141496.41        0.05963
         578525.01    4141496.41        0.06536                       578545.01
4141496.41        0.07085
         578565.01    4141496.41        0.07766                       578585.01
4141496.41        0.08569
         578605.01    4141496.41        0.09509                       578625.01
4141496.41        0.10621
         578645.01    4141496.41        0.12000                       579085.01
4141496.41       17.67847
         579105.01    4141496.41       10.29725                       579125.01
4141496.41        6.60892
         579145.01    4141496.41        4.64017                       579165.01
4141496.41        3.46490
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                  PAGE 382
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	2.69125	579205.01	4141496.41	2.15930
578385.01	4141516.41	0.03934	578405.01	4141516.41	0.04209
578425.01	4141516.41	0.04512	578445.01	4141516.41	0.04840
578465.01	4141516.41	0.05215	578485.01	4141516.41	0.05645
578505.01	4141516.41	0.06117	578525.01	4141516.41	0.06723
578545.01	4141516.41	0.07286	578565.01	4141516.41	0.08008
578585.01	4141516.41	0.08834	578605.01	4141516.41	0.09806
578625.01	4141516.41	0.10967	578645.01	4141516.41	0.12390
579085.01	4141516.41	15.17614	579105.01	4141516.41	8.92508
579125.01	4141516.41	5.89154	579145.01	4141516.41	4.22602
579165.01	4141516.41	3.20152	578385.01	4141536.41	0.04005
578405.01	4141536.41	0.04281	578425.01	4141536.41	0.04595
578445.01	4141536.41	0.04948	578465.01	4141536.41	0.05336
578485.01	4141536.41	0.05779	578505.01	4141536.41	0.06268
578525.01	4141536.41	0.06920	578545.01	4141536.41	0.07483
578565.01	4141536.41	0.08249	578585.01	4141536.41	0.09122
578605.01	4141536.41	0.10131	578625.01	4141536.41	0.11352
578645.01	4141536.41	0.12807	578665.01		

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4141536.41        0.14573
         579105.01    4141536.41        7.64452                      579125.01
4141536.41        5.23463
         579185.01    4141536.41        2.31415                      578385.01
4141556.41        0.04078
         578405.01    4141556.41        0.04362                      578425.01
4141556.41        0.04680
         578445.01    4141556.41        0.05042                      578465.01
4141556.41        0.05453
         578485.01    4141556.41        0.05909                      578505.01
4141556.41        0.06423
         578525.01    4141556.41        0.07074                      578545.01
4141556.41        0.07682
         578565.01    4141556.41        0.08476                      578585.01
4141556.41        0.09392
         578605.01    4141556.41        0.10479                      578625.01
4141556.41        0.11754
         578645.01    4141556.41        0.13278                      578665.01
4141556.41        0.15105
         578685.01    4141556.41        0.17346                      579165.01
4141556.41        2.60423
         579185.01    4141556.41        2.07259                      579205.01
4141556.41        1.68885
         578385.01    4141576.41        0.04159                      578405.01
4141576.41        0.04450
         578425.01    4141576.41        0.04779                      578445.01
4141576.41        0.05152
         578465.01    4141576.41        0.05566                      578485.01
4141576.41        0.06040
         578505.01    4141576.41        0.06588                      578525.01
4141576.41        0.07259
         578545.01    4141576.41        0.07926                      578565.01
4141576.41        0.08747
         578585.01    4141576.41        0.09706                      578605.01
4141576.41        0.10839
         578625.01    4141576.41        0.12195                      578645.01
4141576.41        0.13850
         578665.01    4141576.41        0.15802                      578685.01
4141576.41        0.18169
         578705.01    4141576.41        0.21118                      579145.01
4141576.41        2.82046
         579165.01    4141576.41        2.21800                      579185.01
4141576.41        1.78988
         579205.01    4141576.41        1.47472                      579225.01
4141576.41        1.23608
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	1.05100	579265.01	4141576.41	0.90469
578385.01	4141596.41	0.04248	578405.01	4141596.41	0.04557
578425.01	4141596.41	0.04894	578445.01	4141596.41	0.05281
578465.01	4141596.41	0.05714	578485.01	4141596.41	0.06208
578505.01	4141596.41	0.06792	578525.01	4141596.41	0.07481
578545.01	4141596.41	0.08203	578565.01	4141596.41	0.09092
578585.01	4141596.41	0.10111	578605.01	4141596.41	0.11307
578625.01	4141596.41	0.12745	578645.01	4141596.41	0.14493
578665.01	4141596.41	0.16658	578685.01	4141596.41	0.19297
578705.01	4141596.41	0.22460	578725.01	4141596.41	0.26593
578745.01	4141596.41	0.32016	579105.01	4141596.41	3.67207
579145.01	4141596.41	2.23523	579165.01	4141596.41	1.80756
579185.01	4141596.41	1.49018	579205.01	4141596.41	1.24878
579225.01	4141596.41	1.06120	579245.01	4141596.41	0.91271
579265.01	4141596.41	0.79298	579285.01	4141596.41	0.69417
579305.01	4141596.41	0.61499	579325.01	4141596.41	0.54769
579345.01	4141596.41	0.49062	578385.01		

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4141616.41        0.04342
         578405.01    4141616.41        0.04669                    578425.01
4141616.41        0.05033
         578445.01    4141616.41        0.05438                    578465.01
4141616.41        0.05895
         578485.01    4141616.41        0.06417                    578505.01
4141616.41        0.07029
         578525.01    4141616.41        0.07783                    578545.01
4141616.41        0.08531
         578565.01    4141616.41        0.09494                    578585.01
4141616.41        0.10596
         578605.01    4141616.41        0.11905                    578625.01
4141616.41        0.13480
         578645.01    4141616.41        0.15355                    578665.01
4141616.41        0.17705
         578685.01    4141616.41        0.20679                    578705.01
4141616.41        0.24415
         578725.01    4141616.41        0.29066                    578745.01
4141616.41        0.35187
         579065.01    4141616.41        4.04374                    579085.01
4141616.41        3.15796
         579105.01    4141616.41        2.52967                    579125.01
4141616.41        2.05943
         579165.01    4141616.41        1.42159                    579185.01
4141616.41        1.20269
         579205.01    4141616.41        1.02951                    579225.01
4141616.41        0.89052
         579245.01    4141616.41        0.77714                    579265.01
4141616.41        0.68361
         579285.01    4141616.41        0.60298                    579305.01
4141616.41        0.53873
         579325.01    4141616.41        0.48448                    579345.01
4141616.41        0.43732
         578385.01    4141636.41        0.04456                    578405.01
4141636.41        0.04798
         578425.01    4141636.41        0.05182                    578445.01
4141636.41        0.05618
         578465.01    4141636.41        0.06112                    578485.01
4141636.41        0.06664
         578505.01    4141636.41        0.07312                    578525.01
4141636.41        0.08077
         578545.01    4141636.41        0.08929                    578565.01
4141636.41        0.09959
         578585.01    4141636.41        0.11202                    578605.01
4141636.41        0.12657
         578625.01    4141636.41        0.14385                    578645.01
4141636.41        0.16520
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	0.19152	578685.01	4141636.41	0.22558
578705.01	4141636.41	0.26935	578725.01	4141636.41	0.32377
579045.01	4141636.41	3.25925	579065.01	4141636.41	2.54355
579085.01	4141636.41	2.07250	579105.01	4141636.41	1.73592
579125.01	4141636.41	1.47589	579165.01	4141636.41	1.09272
579185.01	4141636.41	0.95187	579205.01	4141636.41	0.83375
579225.01	4141636.41	0.73496	579245.01	4141636.41	0.65165
579265.01	4141636.41	0.58110	579285.01	4141636.41	0.51957
579305.01	4141636.41	0.46847	579325.01	4141636.41	0.42428
579345.01	4141636.41	0.38633	578385.01	4141656.41	0.04596
578405.01	4141656.41	0.04959	578425.01	4141656.41	0.05359
578445.01	4141656.41	0.05821	578465.01	4141656.41	0.06365
578485.01	4141656.41	0.06965	578505.01	4141656.41	0.07698
578525.01	4141656.41	0.08487	578545.01	4141656.41	0.09429
578565.01	4141656.41	0.10559	578585.01	4141656.41	0.11913
578605.01	4141656.41	0.13550	578625.01		

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4141656.41        0.15583
         578645.01    4141656.41        0.18019                    578665.01
4141656.41        0.21068
         578685.01    4141656.41        0.25163                    578705.01
4141656.41        0.30126
         578725.01    4141656.41        0.36769                    579005.01
4141656.41        3.92585
         579025.01    4141656.41        2.81105                    579045.01
4141656.41        2.14278
         579065.01    4141656.41        1.71368                    579085.01
4141656.41        1.42717
         579105.01    4141656.41        1.22353                    579125.01
4141656.41        1.06797
         579145.01    4141656.41        0.94232                    579185.01
4141656.41        0.74637
         579205.01    4141656.41        0.66788                    579225.01
4141656.41        0.59979
         579245.01    4141656.41        0.54037                    579265.01
4141656.41        0.48866
         579285.01    4141656.41        0.44282                    579305.01
4141656.41        0.40418
         579325.01    4141656.41        0.36844                    579345.01
4141656.41        0.33764
         578385.01    4141676.41        0.04764                    578405.01
4141676.41        0.05143
         578425.01    4141676.41        0.05572                    578445.01
4141676.41        0.06071
         578465.01    4141676.41        0.06663                    578485.01
4141676.41        0.07321
         578505.01    4141676.41        0.08131                    578525.01
4141676.41        0.09013
         578545.01    4141676.41        0.10066                    578565.01
4141676.41        0.11327
         578585.01    4141676.41        0.12852                    578605.01
4141676.41        0.14692
         578625.01    4141676.41        0.16996                    578645.01
4141676.41        0.19922
         578665.01    4141676.41        0.23614                    578685.01
4141676.41        0.28175
         578705.01    4141676.41        0.34182                    578985.01
4141676.41        3.64140
         579005.01    4141676.41        2.62857                    579025.01
4141676.41        1.95899
         579045.01    4141676.41        1.52758                    579065.01
4141676.41        1.23837
         579085.01    4141676.41        1.03996                    579105.01
4141676.41        0.90078
         579125.01    4141676.41        0.79729                    579145.01
4141676.41        0.71488
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.64552	579185.01	4141676.41	0.58611
579205.01	4141676.41	0.53408	579225.01	4141676.41	0.48760
579245.01	4141676.41	0.44587	579265.01	4141676.41	0.40875
579285.01	4141676.41	0.37568	579305.01	4141676.41	0.34482
579325.01	4141676.41	0.31894	579345.01	4141676.41	0.29515
578385.01	4141696.41	0.04955	578405.01	4141696.41	0.05363
578425.01	4141696.41	0.05841	578445.01	4141696.41	0.06405
578465.01	4141696.41	0.07034	578485.01	4141696.41	0.07752
578505.01	4141696.41	0.08642	578525.01	4141696.41	0.09668
578565.01	4141696.41	0.12282	578585.01	4141696.41	0.14021
578605.01	4141696.41	0.16150	578625.01	4141696.41	0.18776
578645.01	4141696.41	0.22204	578665.01	4141696.41	0.26486
578685.01	4141696.41	0.31872	578945.01	4141696.41	4.16700
578965.01	4141696.41	3.28560	578985.01	4141696.41	2.48545
579005.01	4141696.41	1.87514	579025.01		

4141696.41 1.45130
579045.01 4141696.41 1.15695 579065.01
4141696.41 0.94779
579085.01 4141696.41 0.79996 579105.01
4141696.41 0.69448
579125.01 4141696.41 0.61716 579145.01
4141696.41 0.55701
579165.01 4141696.41 0.50803 579185.01
4141696.41 0.46615
579205.01 4141696.41 0.43015 579225.01
4141696.41 0.39768
579245.01 4141696.41 0.36843 579265.01
4141696.41 0.34155
579285.01 4141696.41 0.31721 579305.01
4141696.41 0.29491
579325.01 4141696.41 0.27479 579345.01
4141696.41 0.25620
578385.01 4141716.41 0.05185 578405.01
4141716.41 0.05639
578425.01 4141716.41 0.06175 578445.01
4141716.41 0.06790
578465.01 4141716.41 0.07469 578485.01
4141716.41 0.08272
578505.01 4141716.41 0.09283 578525.01
4141716.41 0.10483
578605.01 4141716.41 0.17870 578625.01
4141716.41 0.20976
578645.01 4141716.41 0.24924 578665.01
4141716.41 0.29770
578685.01 4141716.41 0.36111 578905.01
4141716.41 3.63091
578925.01 4141716.41 3.40330 578945.01
4141716.41 2.88358
578965.01 4141716.41 2.29612 578985.01
4141716.41 1.78832
579005.01 4141716.41 1.40190 579025.01
4141716.41 1.12015
579045.01 4141716.41 0.91215 579065.01
4141716.41 0.75722
579085.01 4141716.41 0.64237 579105.01
4141716.41 0.55756
579125.01 4141716.41 0.49541 579145.01
4141716.41 0.44781
579165.01 4141716.41 0.40965 579185.01
4141716.41 0.37803
579205.01 4141716.41 0.35125 579225.01
4141716.41 0.32749
579245.01 4141716.41 0.30603 579265.01
4141716.41 0.28650
579285.01 4141716.41 0.26846 579305.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.23636	579345.01	4141716.41	0.22220
578385.01	4141736.41	0.05458	578405.01	4141736.41	0.05976
578425.01	4141736.41	0.06567	578445.01	4141736.41	0.07223
578465.01	4141736.41	0.07982	578485.01	4141736.41	0.08897
578505.01	4141736.41	0.10144	578625.01	4141736.41	0.23457
578645.01	4141736.41	0.27790	578665.01	4141736.41	0.33313
578865.01	4141736.41	2.58930	578885.01	4141736.41	2.78280
578905.01	4141736.41	2.74475	578925.01	4141736.41	2.47650
578945.01	4141736.41	2.07941	578965.01	4141736.41	1.67857
578985.01	4141736.41	1.34322	579005.01	4141736.41	1.08579
579025.01	4141736.41	0.89073	579045.01	4141736.41	0.73992
579065.01	4141736.41	0.62227	579085.01	4141736.41	0.53153
579105.01	4141736.41	0.46232	579125.01	4141736.41	0.41050
579145.01	4141736.41	0.37061	579165.01		

4141736.41 0.33905
579185.01 4141736.41 0.31330 579205.01
4141736.41 0.29198
579225.01 4141736.41 0.27347 579245.01
4141736.41 0.25702
579265.01 4141736.41 0.24208 579285.01
4141736.41 0.22836
579305.01 4141736.41 0.21566 579325.01
4141736.41 0.20385
579345.01 4141736.41 0.19276 578385.01
4141756.41 0.05804
578405.01 4141756.41 0.06372 578425.01
4141756.41 0.07016
578445.01 4141756.41 0.07758 578465.01
4141756.41 0.08616
578485.01 4141756.41 0.09744 578845.01
4141756.41 2.00086
578865.01 4141756.41 2.17247 578885.01
4141756.41 2.21334
578905.01 4141756.41 2.09634 578925.01
4141756.41 1.85165
578945.01 4141756.41 1.55379 578965.01
4141756.41 1.27321
578985.01 4141756.41 1.04389 579005.01
4141756.41 0.86506
579025.01 4141756.41 0.72485 579045.01
4141756.41 0.61235
579065.01 4141756.41 0.52164 579085.01
4141756.41 0.44936
579105.01 4141756.41 0.39244 579125.01
4141756.41 0.34871
579145.01 4141756.41 0.31448 579165.01
4141756.41 0.28734
579185.01 4141756.41 0.26530 579205.01
4141756.41 0.24736
579225.01 4141756.41 0.23202 579245.01
4141756.41 0.21860
579265.01 4141756.41 0.20668 579285.01
4141756.41 0.19589
579305.01 4141756.41 0.18591 579325.01
4141756.41 0.17658
579345.01 4141756.41 0.16790 578385.01
4141776.41 0.06191
578405.01 4141776.41 0.06826 578425.01
4141776.41 0.07518
578445.01 4141776.41 0.08338 578465.01
4141776.41 0.09344
578485.01 4141776.41 0.10611 578825.01
4141776.41 1.58234
578845.01 4141776.41 1.73034 578865.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	1.41856	578945.01	4141776.41	1.19636
578965.01	4141776.41	0.99734	578985.01	4141776.41	0.83397
579005.01	4141776.41	0.70469	579025.01	4141776.41	0.60079
579045.01	4141776.41	0.51520	579065.01	4141776.41	0.44412
579085.01	4141776.41	0.38595	579105.01	4141776.41	0.33891
579125.01	4141776.41	0.30178	579145.01	4141776.41	0.27213
579165.01	4141776.41	0.24838	579185.01	4141776.41	0.22905
579205.01	4141776.41	0.21334	579225.01	4141776.41	0.20007
579245.01	4141776.41	0.18861	579265.01	4141776.41	0.17865
579285.01	4141776.41	0.16971	579305.01	4141776.41	0.16161
579325.01	4141776.41	0.15404	579345.01	4141776.41	0.14704
578405.01	4141796.41	0.07316	578425.01	4141796.41	0.08096
578445.01	4141796.41	0.09021	578465.01		

4141796.41 0.10232
578805.01 4141796.41 1.28230 578825.01
4141796.41 1.40141
578845.01 4141796.41 1.47333 578865.01
4141796.41 1.48070
578885.01 4141796.41 1.41252 578905.01
4141796.41 1.28051
578925.01 4141796.41 1.11287 578945.01
4141796.41 0.94645
578965.01 4141796.41 0.80018 578985.01
4141796.41 0.68081
579005.01 4141796.41 0.58488 579025.01
4141796.41 0.50566
579045.01 4141796.41 0.43933 579065.01
4141796.41 0.38293
579085.01 4141796.41 0.33559 579105.01
4141796.41 0.29646
579125.01 4141796.41 0.26480 579145.01
4141796.41 0.23903
579165.01 4141796.41 0.21808 579185.01
4141796.41 0.20097
579205.01 4141796.41 0.18695 579225.01
4141796.41 0.17515
579245.01 4141796.41 0.16516 579265.01
4141796.41 0.15634
579285.01 4141796.41 0.14876 579305.01
4141796.41 0.14185
579325.01 4141796.41 0.13556 579345.01
4141796.41 0.12976
578445.01 4141816.41 0.09848 578585.01
4141816.41 0.24501
578605.01 4141816.41 0.28493 578665.01
4141816.41 0.45498
578685.01 4141816.41 0.53258 578785.01
4141816.41 1.05959
578805.01 4141816.41 1.15728 578825.01
4141816.41 1.22515
578845.01 4141816.41 1.24959 578865.01
4141816.41 1.22400
578885.01 4141816.41 1.14249 578905.01
4141816.41 1.02551
578925.01 4141816.41 0.89151 578945.01
4141816.41 0.76479
578965.01 4141816.41 0.65550 578985.01
4141816.41 0.56622
579005.01 4141816.41 0.49311 579025.01
4141816.41 0.43163
579045.01 4141816.41 0.37886 579065.01
4141816.41 0.33343
579085.01 4141816.41 0.29458 579105.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.16600	579225.01	4141816.41	0.15536
579245.01	4141816.41	0.14641	579265.01	4141816.41	0.13857
579285.01	4141816.41	0.13180	579305.01	4141816.41	0.12573
579325.01	4141816.41	0.12029	579345.01	4141816.41	0.11531
578565.01	4141836.41	0.22777	578585.01	4141836.41	0.26173
578605.01	4141836.41	0.30340	578625.01	4141836.41	0.35087
578645.01	4141836.41	0.40560	578665.01	4141836.41	0.46960
578685.01	4141836.41	0.54171	578705.01	4141836.41	0.62202
578725.01	4141836.41	0.71006	578765.01	4141836.41	0.89020
578785.01	4141836.41	0.96975	578805.01	4141836.41	1.03095
578825.01	4141836.41	1.06314	578845.01	4141836.41	1.05956
578865.01	4141836.41	1.01313	578885.01		

4141836.41 0.93490
578905.01 4141836.41 0.83387 578925.01
4141836.41 0.72727
578945.01 4141836.41 0.62946 578965.01
4141836.41 0.54638
578985.01 4141836.41 0.47793 579005.01
4141836.41 0.42122
579025.01 4141836.41 0.37263 579045.01
4141836.41 0.33027
579065.01 4141836.41 0.29313 579085.01
4141836.41 0.26083
579105.01 4141836.41 0.23331 579125.01
4141836.41 0.21004
579145.01 4141836.41 0.19045 579165.01
4141836.41 0.17408
579185.01 4141836.41 0.16043 579205.01
4141836.41 0.14902
579225.01 4141836.41 0.13937 579245.01
4141836.41 0.13118
579265.01 4141836.41 0.12414 579285.01
4141836.41 0.11798
579305.01 4141836.41 0.11255 579325.01
4141836.41 0.10770
579345.01 4141836.41 0.10326 578565.01
4141856.41 0.24228
578585.01 4141856.41 0.27714 578605.01
4141856.41 0.31771
578625.01 4141856.41 0.36411 578645.01
4141856.41 0.41672
578665.01 4141856.41 0.47595 578685.01
4141856.41 0.54115
578705.01 4141856.41 0.61157 578725.01
4141856.41 0.68520
578745.01 4141856.41 0.75743 578765.01
4141856.41 0.82374
578785.01 4141856.41 0.87763 578805.01
4141856.41 0.91182
578825.01 4141856.41 0.91915 578845.01
4141856.41 0.89769
578865.01 4141856.41 0.84559 578885.01
4141856.41 0.77299
578905.01 4141856.41 0.68777 578925.01
4141856.41 0.60322
578945.01 4141856.41 0.52676 578965.01
4141856.41 0.46217
578985.01 4141856.41 0.40879 579005.01
4141856.41 0.36380
579025.01 4141856.41 0.32472 579045.01
4141856.41 0.29024
579065.01 4141856.41 0.25957 579085.01

4141856.41 0.23257
  579105.01 4141856.41 0.20920 579125.01
4141856.41 0.18914
  579145.01 4141856.41 0.17201 579165.01
4141856.41 0.15751
  579185.01 4141856.41 0.14531 579205.01
4141856.41 0.13498

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.12616	579245.01	4141856.41	0.11869
579265.01	4141856.41	0.11223	579285.01	4141856.41	0.10655
579305.01	4141856.41	0.10159	579325.01	4141856.41	0.09723
579345.01	4141856.41	0.09327	578545.01	4141876.41	0.22361
578565.01	4141876.41	0.25423	578585.01	4141876.41	0.28875
578605.01	4141876.41	0.32805	578625.01	4141876.41	0.37227
578645.01	4141876.41	0.42148	578665.01	4141876.41	0.47531
578685.01	4141876.41	0.53289	578705.01	4141876.41	0.59276
578725.01	4141876.41	0.65192	578745.01	4141876.41	0.70715
578765.01	4141876.41	0.75394	578785.01	4141876.41	0.78714
578805.01	4141876.41	0.80170	578825.01		

4141876.41 0.79392
578845.01 4141876.41 0.76285 578865.01
4141876.41 0.71138
578885.01 4141876.41 0.64594 578905.01
4141876.41 0.57510
578925.01 4141876.41 0.50747 578945.01
4141876.41 0.44728
578965.01 4141876.41 0.39631 578985.01
4141876.41 0.35360
579005.01 4141876.41 0.31728 579025.01
4141876.41 0.28547
579045.01 4141876.41 0.25700 579065.01
4141876.41 0.23143
579085.01 4141876.41 0.20865 579105.01
4141876.41 0.18872
579125.01 4141876.41 0.17134 579145.01
4141876.41 0.15632
579165.01 4141876.41 0.14344 579185.01
4141876.41 0.13250
579205.01 4141876.41 0.12313 579225.01
4141876.41 0.11510
579245.01 4141876.41 0.10822 579265.01
4141876.41 0.10228
579285.01 4141876.41 0.09704 579305.01
4141876.41 0.09249
579325.01 4141876.41 0.08847 579345.01
4141876.41 0.08484
578545.01 4141896.41 0.23343 578565.01
4141896.41 0.26336
578585.01 4141896.41 0.29703 578605.01
4141896.41 0.33472
578625.01 4141896.41 0.37593 578645.01
4141896.41 0.42069
578665.01 4141896.41 0.46862 578685.01
4141896.41 0.51785
578705.01 4141896.41 0.56689 578725.01
4141896.41 0.61327
578745.01 4141896.41 0.65379 578765.01
4141896.41 0.68472
578785.01 4141896.41 0.70225 578805.01
4141896.41 0.70318
578825.01 4141896.41 0.68577 578845.01
4141896.41 0.65111
578865.01 4141896.41 0.60235 578885.01
4141896.41 0.54536
578905.01 4141896.41 0.48693 578925.01
4141896.41 0.43226
578945.01 4141896.41 0.38424 578965.01
4141896.41 0.34347
578985.01 4141896.41 0.30908 579005.01

4141896.41 0.27934
  579025.01 4141896.41 0.25289 579045.01 4141896.41 0.22910
  579065.01 4141896.41 0.20761 579085.01 4141896.41 0.18824
  579105.01 4141896.41 0.17112 579125.01 4141896.41 0.15598
  579145.01 4141896.41 0.14277 579165.01 4141896.41 0.13132

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.12150	579205.01	4141896.41	0.11301
579225.01	4141896.41	0.10567	579245.01	4141896.41	0.09932
579265.01	4141896.41	0.09383	579285.01	4141896.41	0.08899
579305.01	4141896.41	0.08478	579325.01	4141896.41	0.08104
579345.01	4141896.41	0.07769	578565.01	4141916.41	0.27044
578585.01	4141916.41	0.30193	578605.01	4141916.41	0.33725
578625.01	4141916.41	0.37496	578645.01	4141916.41	0.41505
578665.01	4141916.41	0.45632	578685.01	4141916.41	0.49742
578705.01	4141916.41	0.53668	578725.01	4141916.41	0.57178
578745.01	4141916.41	0.59999	578765.01		

4141916.41 0.61845
578785.01 4141916.41 0.62441 578805.01
4141916.41 0.61600
578825.01 4141916.41 0.59375 578845.01
4141916.41 0.55857
578865.01 4141916.41 0.51406 578885.01
4141916.41 0.46513
578905.01 4141916.41 0.41661 578925.01
4141916.41 0.37215
578945.01 4141916.41 0.33349 578965.01
4141916.41 0.30054
578985.01 4141916.41 0.27240 579005.01
4141916.41 0.24775
579025.01 4141916.41 0.22570 579045.01
4141916.41 0.20560
579065.01 4141916.41 0.18724 579085.01
4141916.41 0.17066
579105.01 4141916.41 0.15585 579125.01
4141916.41 0.14263
579145.01 4141916.41 0.13098 579165.01
4141916.41 0.12078
579185.01 4141916.41 0.11194 578386.27
4141125.26 0.03223
578406.27 4141125.26 0.03512 578426.27
4141125.26 0.03830
578446.27 4141125.26 0.04195 578466.27
4141125.26 0.04635
578486.27 4141125.26 0.05222 578506.27
4141125.26 0.05819
578526.27 4141125.26 0.06490 578546.27
4141125.26 0.07277
578566.27 4141125.26 0.08199 578586.27
4141125.26 0.09298
578606.27 4141125.26 0.10618 578626.27
4141125.26 0.12113
578646.27 4141125.26 0.13906 578666.27
4141125.26 0.16055
578686.27 4141125.26 0.18519 578706.27
4141125.26 0.21408
578726.27 4141125.26 0.24840 578746.27
4141125.26 0.28967
578766.27 4141125.26 0.33786 578786.27
4141125.26 0.39424
578806.27 4141125.26 0.46198 578826.27
4141125.26 0.53988
578846.27 4141125.26 0.63196 578866.27
4141125.26 0.74256
578886.27 4141125.26 0.87649 578906.27
4141125.26 1.03569
578926.27 4141125.26 1.21653 578946.27

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4141125.26        1.42507
         578966.27    4141125.26        1.65900                       578986.27
4141125.26        1.91350
         579006.27    4141125.26        2.17859                       579026.27
4141125.26        2.44163
         579046.27    4141125.26        2.67681                       579066.27
4141125.26        2.86332
         579086.27    4141125.26        2.99697                       579106.27
4141125.26        3.06670
         579126.27    4141125.26        3.06535                       579146.27
4141125.26        2.99146
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                   PAGE 391
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP15  ***
                                   INCLUDING SOURCE(S):     DEMO2_1     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579166.27    4141125.26        2.85339                       579186.27
4141125.26        2.67535
         579206.27    4141125.26        2.47425                       578386.27
4141145.26        0.03169
         578406.27    4141145.26        0.03449                       578426.27
4141145.26        0.03773
         578446.27    4141145.26        0.04126                       578466.27
4141145.26        0.04541
         578486.27    4141145.26        0.05127                       578506.27
4141145.26        0.05706
         578526.27    4141145.26        0.06387                       578546.27
4141145.26        0.07161
         578566.27    4141145.26        0.08084                       578586.27
4141145.26        0.09159
         578606.27    4141145.26        0.10462                       578626.27
4141145.26        0.12023
         578646.27    4141145.26        0.13845                       578666.27
```

4141145.26 0.15963
578686.27 4141145.26 0.18517 578706.27
4141145.26 0.21557
578726.27 4141145.26 0.25256 578746.27
4141145.26 0.29576
578766.27 4141145.26 0.34649 578786.27
4141145.26 0.40678
578806.27 4141145.26 0.47913 578826.27
4141145.26 0.56493
578846.27 4141145.26 0.66445 578866.27
4141145.26 0.78684
578886.27 4141145.26 0.93375 578906.27
4141145.26 1.10948
578926.27 4141145.26 1.31693 578946.27
4141145.26 1.55257
578966.27 4141145.26 1.81757 578986.27
4141145.26 2.10878
579006.27 4141145.26 2.41032 579026.27
4141145.26 2.69919
579046.27 4141145.26 2.95445 579066.27
4141145.26 3.16340
579086.27 4141145.26 3.30917 579106.27
4141145.26 3.36354
579126.27 4141145.26 3.33805 579146.27
4141145.26 3.22724
579166.27 4141145.26 3.05178 579186.27
4141145.26 2.83054
579206.27 4141145.26 2.59054 578723.62
4141929.59 0.54205
578743.62 4141929.59 0.56402 578763.62
4141929.59 0.57658
578783.62 4141929.59 0.57773 578803.62
4141929.59 0.56638
578823.62 4141929.59 0.54302 578843.62
4141929.59 0.50908
578863.62 4141929.59 0.46802 578883.62
4141929.59 0.42387
578903.62 4141929.59 0.38086 578923.62
4141929.59 0.34159
578943.62 4141929.59 0.30743 578963.62
4141929.59 0.27829
578983.62 4141929.59 0.25328 579003.62
4141929.59 0.23123
579023.62 4141929.59 0.21137 579043.62
4141929.59 0.19322
579063.62 4141929.59 0.17657 579083.62
4141929.59 0.16139
579103.62 4141929.59 0.14773 579123.62
4141929.59 0.13554
579143.62 4141929.59 0.12471 579163.62

4141929.59 0.11516
579183.62 4141929.59 0.10683 578725.67
4141942.60 0.51694
578745.67 4141942.60 0.53214 578765.67
4141942.60 0.53829
578785.67 4141942.60 0.53392 578805.67
4141942.60 0.51874
578825.67 4141942.60 0.49329 578845.67
4141942.60 0.45963
578865.67 4141942.60 0.42118 578885.67
4141942.60 0.38132
578905.67 4141942.60 0.34353 578925.67
4141942.60 0.30943

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.27987	578965.67	4141942.60	0.25458
578985.67	4141942.60	0.23271	579005.67	4141942.60	0.21328
579025.67	4141942.60	0.19561	579045.67	4141942.60	0.17936
579065.67	4141942.60	0.16440	579085.67	4141942.60	0.15073
579105.67	4141942.60	0.13834	579125.67	4141942.60	0.12723
579145.67	4141942.60	0.11736	579165.67	4141942.60	0.10861
579185.67	4141942.60	0.10093	578745.52	4141955.60	0.49998
578765.52	4141955.60	0.50168	578785.52		

4141955.60 0.49417
578805.52 4141955.60 0.47723 578825.52
4141955.60 0.45169
578845.52 4141955.60 0.41970 578865.52
4141955.60 0.38414
578885.52 4141955.60 0.34840 578905.52
4141955.60 0.31478
578925.52 4141955.60 0.28464 578945.52
4141955.60 0.25856
578965.52 4141955.60 0.23611 578985.52
4141955.60 0.21657
579005.52 4141955.60 0.19913 579025.52
4141955.60 0.18322
579045.52 4141955.60 0.16850 579065.52
4141955.60 0.15489
579085.52 4141955.60 0.14239 579105.52
4141955.60 0.13102
579125.52 4141955.60 0.12076 579145.52
4141955.60 0.11159
579165.52 4141955.60 0.10345 579185.52
4141955.60 0.09625
578785.22 4141971.34 0.45032 578805.22
4141971.34 0.43206
578825.22 4141971.34 0.40709 578845.22
4141971.34 0.37740
578865.22 4141971.34 0.34526 578885.22
4141971.34 0.31399
578905.22 4141971.34 0.28467 578925.22
4141971.34 0.25855
578945.22 4141971.34 0.23599 578965.22
4141971.34 0.21647
578985.22 4141971.34 0.19931 579005.22
4141971.34 0.18391
579025.22 4141971.34 0.16977 579045.22
4141971.34 0.15667
579065.22 4141971.34 0.14450 579085.22
4141971.34 0.13324
579105.22 4141971.34 0.12295 579125.22
4141971.34 0.11363
579145.22 4141971.34 0.10523 579165.22
4141971.34 0.09776
579185.22 4141971.34 0.09107 578790.01
4141986.40 0.40840
578810.01 4141986.40 0.38800 578830.01
4141986.40 0.36284
578850.01 4141986.40 0.33468 578870.01
4141986.40 0.30601
578890.01 4141986.40 0.27865 578910.01
4141986.40 0.25358
578930.01 4141986.40 0.23151 578950.01

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4141986.40        0.21249
         578970.01    4141986.40        0.19589                        578990.01
4141986.40        0.18109
         579010.01    4141986.40        0.16763                        579030.01
4141986.40        0.15519
         579050.01    4141986.40        0.14360                        579070.01
4141986.40        0.13281
         579090.01    4141986.40        0.12283                        579110.01
4141986.40        0.11367
         579130.01    4141986.40        0.10533                        579150.01
4141986.40        0.09782
         579170.01    4141986.40        0.09109                        579190.01
4141986.40        0.08504
         578810.54    4142001.46        0.35297                        578830.54
4142001.46        0.32915
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 393
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578850.54    4142001.46        0.30328                        578870.54
4142001.46        0.27768
         578890.54    4142001.46        0.25350                        578910.54
4142001.46        0.23159
         578930.54    4142001.46        0.21234                        578950.54
4142001.46        0.19564
         578970.54    4142001.46        0.18101                        578990.54
4142001.46        0.16791
         579010.54    4142001.46        0.15589                        579030.54
4142001.46        0.14469
         579050.54    4142001.46        0.13423                        579070.54
4142001.46        0.12446
         579090.54    4142001.46        0.11541                        579110.54
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.02527	578405.01	4141176.41	0.02785
578425.01	4141176.41	0.03085	578445.01	4141176.41	0.03427
578465.01	4141176.41	0.03799	578485.01	4141176.41	0.04217
578505.01	4141176.41	0.04692	578525.01	4141176.41	0.05215
578545.01	4141176.41	0.05814	578565.01	4141176.41	0.06479
578585.01	4141176.41	0.07260	578605.01	4141176.41	0.08184
578625.01	4141176.41	0.09278	578645.01	4141176.41	0.10625
578665.01	4141176.41	0.12344	578685.01	4141176.41	0.14548
578705.01	4141176.41	0.17260	578725.01	4141176.41	0.20614
578745.01	4141176.41	0.24743	578765.01	4141176.41	0.29590
578785.01	4141176.41	0.35326	578805.01	4141176.41	0.42000
578825.01	4141176.41	0.49888	578845.01		

4141176.41 0.59358
578865.01 4141176.41 0.70517 578885.01
4141176.41 0.84478
578905.01 4141176.41 1.02070 578925.01
4141176.41 1.24655
578945.01 4141176.41 1.53888 578965.01
4141176.41 1.90282
578985.01 4141176.41 2.34558 579005.01
4141176.41 2.84918
579025.01 4141176.41 3.39101 579045.01
4141176.41 3.90751
579065.01 4141176.41 4.31829 579085.01
4141176.41 4.55108
579105.01 4141176.41 4.58180 579125.01
4141176.41 4.41753
579145.01 4141176.41 4.09663 579165.01
4141176.41 3.67373
579185.01 4141176.41 3.22565 579205.01
4141176.41 2.78938
579225.01 4141176.41 2.40374 578385.01
4141196.41 0.02439
578405.01 4141196.41 0.02678 578425.01
4141196.41 0.02962
578445.01 4141196.41 0.03287 578465.01
4141196.41 0.03660
578485.01 4141196.41 0.04084 578505.01
4141196.41 0.04562
578525.01 4141196.41 0.05103 578545.01
4141196.41 0.05712
578565.01 4141196.41 0.06402 578585.01
4141196.41 0.07191
578605.01 4141196.41 0.08099 578625.01
4141196.41 0.09184
578645.01 4141196.41 0.10548 578665.01
4141196.41 0.12278
578685.01 4141196.41 0.14404 578705.01
4141196.41 0.17091
578725.01 4141196.41 0.20475 578745.01
4141196.41 0.24698
578765.01 4141196.41 0.29885 578785.01
4141196.41 0.36004
578805.01 4141196.41 0.43294 578825.01
4141196.41 0.51878
578845.01 4141196.41 0.62227 578865.01
4141196.41 0.74879
578885.01 4141196.41 0.90279 578905.01
4141196.41 1.09997
578925.01 4141196.41 1.35646 578945.01
4141196.41 1.68922
578965.01 4141196.41 2.11236 578985.01

4141196.41 2.61711
  579005.01 4141196.41 3.20779 579025.01
4141196.41 3.84137
  579045.01 4141196.41 4.41925 579065.01
4141196.41 4.86306
  579085.01 4141196.41 5.07052 579105.01
4141196.41 5.03403

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	4.77792	579145.01	4141196.41	4.36444
579165.01	4141196.41	3.85712	579185.01	4141196.41	3.33213
579205.01	4141196.41	2.85148	579225.01	4141196.41	2.44258
579245.01	4141196.41	2.10823	578385.01	4141216.41	0.02383
578405.01	4141216.41	0.02596	578425.01	4141216.41	0.02853
578445.01	4141216.41	0.03157	578465.01	4141216.41	0.03517
578485.01	4141216.41	0.03932	578505.01	4141216.41	0.04404
578525.01	4141216.41	0.04957	578545.01	4141216.41	0.05579
578565.01	4141216.41	0.06286	578585.01	4141216.41	0.07094
578605.01	4141216.41	0.08013	578625.01	4141216.41	0.09116
578645.01	4141216.41	0.10487	578665.01		

4141216.41 0.12153
578685.01 4141216.41 0.14263 578705.01
4141216.41 0.16906
578725.01 4141216.41 0.20282 578745.01
4141216.41 0.24592
578765.01 4141216.41 0.30011 578785.01
4141216.41 0.36607
578805.01 4141216.41 0.44463 578825.01
4141216.41 0.53886
578845.01 4141216.41 0.65268 578925.01
4141216.41 1.47845
578945.01 4141216.41 1.85678 578965.01
4141216.41 2.35626
578985.01 4141216.41 2.95847 579005.01
4141216.41 3.65047
579025.01 4141216.41 4.36779 579045.01
4141216.41 5.01704
579065.01 4141216.41 5.48381 579085.01
4141216.41 5.65855
579105.01 4141216.41 5.53523 579125.01
4141216.41 5.16943
579145.01 4141216.41 4.63506 579165.01
4141216.41 4.02166
579185.01 4141216.41 3.42771 579205.01
4141216.41 2.90972
579225.01 4141216.41 2.48420 579245.01
4141216.41 2.13143
578385.01 4141236.41 0.02354 578405.01
4141236.41 0.02551
578425.01 4141236.41 0.02777 578445.01
4141236.41 0.03053
578465.01 4141236.41 0.03384 578485.01
4141236.41 0.03777
578505.01 4141236.41 0.04248 578525.01
4141236.41 0.04794
578545.01 4141236.41 0.05408 578565.01
4141236.41 0.06125
578585.01 4141236.41 0.06957 578605.01
4141236.41 0.07896
578625.01 4141236.41 0.09005 578645.01
4141236.41 0.10362
578665.01 4141236.41 0.12019 578685.01
4141236.41 0.14103
578705.01 4141236.41 0.16728 578725.01
4141236.41 0.20096
578745.01 4141236.41 0.24416 578765.01
4141236.41 0.29968
578785.01 4141236.41 0.37023 578805.01
4141236.41 0.45513
578825.01 4141236.41 0.55871 578945.01

4141236.41 2.05717
  578965.01 4141236.41 2.62868 578985.01
4141236.41 3.35807
  579005.01 4141236.41 4.16868 579025.01
4141236.41 5.00083
  579045.01 4141236.41 5.72357 579065.01
4141236.41 6.19474
  579085.01 4141236.41 6.32838 579105.01
4141236.41 6.09297

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	5.57432	579145.01	4141236.41	4.89107
579165.01	4141236.41	4.17598	579185.01	4141236.41	3.51630
579205.01	4141236.41	2.96159	579225.01	4141236.41	2.51629
579245.01	4141236.41	2.14476	578385.01	4141256.41	0.02374
578405.01	4141256.41	0.02543	578425.01	4141256.41	0.02746
578445.01	4141256.41	0.02988	578465.01	4141256.41	0.03283
578485.01	4141256.41	0.03644	578505.01	4141256.41	0.04089
578525.01	4141256.41	0.04609	578545.01	4141256.41	0.05212
578565.01	4141256.41	0.05927	578585.01	4141256.41	0.06771
578605.01	4141256.41	0.07744	578625.01		

4141256.41 0.08858
578645.01 4141256.41 0.10192 578665.01
4141256.41 0.11856
578685.01 4141256.41 0.13907 578705.01
4141256.41 0.16539
578725.01 4141256.41 0.19877 578745.01
4141256.41 0.24210
578765.01 4141256.41 0.29865 578785.01
4141256.41 0.37176
578805.01 4141256.41 0.46446 578965.01
4141256.41 2.96034
578985.01 4141256.41 3.80926 579005.01
4141256.41 4.79984
579025.01 4141256.41 5.76023 579045.01
4141256.41 6.57161
579065.01 4141256.41 7.04526 579085.01
4141256.41 7.08822
579105.01 4141256.41 6.68352 579125.01
4141256.41 5.98029
579145.01 4141256.41 5.14192 579165.01
4141256.41 4.31877
579185.01 4141256.41 3.60063 579205.01
4141256.41 3.00928
579225.01 4141256.41 2.53396 579245.01
4141256.41 2.14463
579265.01 4141256.41 1.81581 578385.01
4141276.41 0.02458
578405.01 4141276.41 0.02585 578425.01
4141276.41 0.02759
578445.01 4141276.41 0.02975 578465.01
4141276.41 0.03234
578485.01 4141276.41 0.03556 578505.01
4141276.41 0.03951
578525.01 4141276.41 0.04437 578545.01
4141276.41 0.05014
578565.01 4141276.41 0.05703 578585.01
4141276.41 0.06540
578605.01 4141276.41 0.07513 578625.01
4141276.41 0.08666
578645.01 4141276.41 0.10007 578665.01
4141276.41 0.11652
578685.01 4141276.41 0.13692 578705.01
4141276.41 0.16284
578725.01 4141276.41 0.19654 578745.01
4141276.41 0.23966
578765.01 4141276.41 0.29731 578785.01
4141276.41 0.37284
578985.01 4141276.41 4.36590 579005.01
4141276.41 5.53737
579025.01 4141276.41 6.70427 579045.01

4141276.41 7.60316
  579065.01 4141276.41 8.06108 579085.01
4141276.41 7.93109
  579105.01 4141276.41 7.32017 579125.01
4141276.41 6.39797
  579145.01 4141276.41 5.39103 579165.01
4141276.41 4.45280
  579185.01 4141276.41 3.66641 579205.01
4141276.41 3.03734
  579225.01 4141276.41 2.53399 579245.01
4141276.41 2.11988

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	1.77692	578385.01	4141296.41	0.02554
578405.01	4141296.41	0.02699	578425.01	4141296.41	0.02832
578445.01	4141296.41	0.03017	578465.01	4141296.41	0.03248
578485.01	4141296.41	0.03532	578505.01	4141296.41	0.03879
578525.01	4141296.41	0.04312	578545.01	4141296.41	0.04843
578565.01	4141296.41	0.05492	578585.01	4141296.41	0.06284
578605.01	4141296.41	0.07244	578625.01	4141296.41	0.08400
578645.01	4141296.41	0.09776	578665.01	4141296.41	0.11405
578685.01	4141296.41	0.13440	578705.01		

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4141296.41        0.16014
         578725.01    4141296.41        0.19332                   578745.01
4141296.41        0.23703
         579005.01    4141296.41        6.45606                   579025.01
4141296.41        7.84074
         579045.01    4141296.41        8.85122                   579065.01
4141296.41        9.21359
         579085.01    4141296.41        8.88831                   579105.01
4141296.41        8.00629
         579125.01    4141296.41        6.82158                   579145.01
4141296.41        5.60681
         579165.01    4141296.41        4.56304                   579185.01
4141296.41        3.71028
         579205.01    4141296.41        3.04128                   579225.01
4141296.41        2.50760
         579245.01    4141296.41        2.06817                   579265.01
4141296.41        1.71251
         579285.01    4141296.41        1.42092                   578385.01
4141316.41        0.02704
         578405.01    4141316.41        0.02822                   578425.01
4141316.41        0.02985
         578445.01    4141316.41        0.03132                   578465.01
4141316.41        0.03325
         578485.01    4141316.41        0.03574                   578505.01
4141316.41        0.03884
         578525.01    4141316.41        0.04266                   578545.01
4141316.41        0.04738
         578565.01    4141316.41        0.05331                   578585.01
4141316.41        0.06066
         578605.01    4141316.41        0.06982                   578625.01
4141316.41        0.08101
         578645.01    4141316.41        0.09474                   578665.01
4141316.41        0.11120
         578685.01    4141316.41        0.13138                   578705.01
4141316.41        0.15689
         578725.01    4141316.41        0.18978                   579025.01
4141316.41        9.23373
         579045.01    4141316.41       10.34008                   579065.01
4141316.41       10.59637
         579085.01    4141316.41        9.97835                   579105.01
4141316.41        8.73025
         579125.01    4141316.41        7.22517                   579145.01
4141316.41        5.80230
         579165.01    4141316.41        4.64129                   579185.01
4141316.41        3.72961
         579205.01    4141316.41        3.01342                   579225.01
4141316.41        2.44787
         579245.01    4141316.41        1.99694                   579265.01
4141316.41        1.63636
         579285.01    4141316.41        1.35099                   578385.01
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4141336.41 0.02881
578405.01 4141336.41 0.03001 578425.01
4141336.41 0.03137
578445.01 4141336.41 0.03305 578465.01
4141336.41 0.03511
578485.01 4141336.41 0.03702 578505.01
4141336.41 0.03969
578525.01 4141336.41 0.04309 578545.01
4141336.41 0.04734
578565.01 4141336.41 0.05254 578585.01
4141336.41 0.05915
578605.01 4141336.41 0.06759 578625.01
4141336.41 0.07821

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.09122	578665.01	4141336.41	0.10773
578685.01	4141336.41	0.12770	578705.01	4141336.41	0.15312
579025.01	4141336.41	11.01586	579045.01	4141336.41	12.20268
579065.01	4141336.41	12.24850	579085.01	4141336.41	11.19078
579105.01	4141336.41	9.46129	579125.01	4141336.41	7.60033
579145.01	4141336.41	5.97660	579165.01	4141336.41	4.68677
579185.01	4141336.41	3.70851	579205.01	4141336.41	2.94496
579225.01	4141336.41	2.36423	579245.01		

4141336.41 1.90484
579265.01 4141336.41 1.55205 579285.01
4141336.41 1.28722
578385.01 4141356.41 0.03072 578405.01
4141356.41 0.03208
578425.01 4141356.41 0.03357 578445.01
4141356.41 0.03516
578465.01 4141356.41 0.03699 578485.01
4141356.41 0.03938
578505.01 4141356.41 0.04181 578525.01
4141356.41 0.04458
578545.01 4141356.41 0.04835 578565.01
4141356.41 0.05308
578585.01 4141356.41 0.05888 578605.01
4141356.41 0.06644
578625.01 4141356.41 0.07604 578645.01
4141356.41 0.08823
578665.01 4141356.41 0.10387 578685.01
4141356.41 0.12367
579025.01 4141356.41 13.33958 579045.01
4141356.41 14.55472
579065.01 4141356.41 14.19886 579085.01
4141356.41 12.50359
579105.01 4141356.41 10.17658 579125.01
4141356.41 7.91935
579145.01 4141356.41 6.07433 579165.01
4141356.41 4.66999
579185.01 4141356.41 3.62870 579205.01
4141356.41 2.84070
579225.01 4141356.41 2.24563 579245.01
4141356.41 1.80052
579265.01 4141356.41 1.47585 579285.01
4141356.41 1.23922
579305.01 4141356.41 1.06745 578385.01
4141376.41 0.03253
578405.01 4141376.41 0.03413 578425.01
4141376.41 0.03582
578445.01 4141376.41 0.03765 578465.01
4141376.41 0.03960
578485.01 4141376.41 0.04171 578505.01
4141376.41 0.04429
578525.01 4141376.41 0.04745 578545.01
4141376.41 0.05056
578565.01 4141376.41 0.05489 578585.01
4141376.41 0.06023
578605.01 4141376.41 0.06692 578625.01
4141376.41 0.07547
578645.01 4141376.41 0.08651 578665.01
4141376.41 0.10097
578685.01 4141376.41 0.11975 579005.01

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4141376.41       13.56742
         579025.01    4141376.41       16.34675                       579045.01
4141376.41       17.47383
         579065.01    4141376.41       16.47509                       579085.01
4141376.41       13.89913
         579105.01    4141376.41       10.82353                       579125.01
4141376.41        8.12226
         579145.01    4141376.41        6.06947                       579165.01
4141376.41        4.57841
         579185.01    4141376.41        3.48875                       579205.01
4141376.41        2.69076
         579225.01    4141376.41        2.11621                       579245.01
4141376.41        1.70888
         579265.01    4141376.41        1.41999                       579285.01
4141376.41        1.21511
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 399
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                   INCLUDING SOURCE(S):     DEMO2_1D    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579305.01    4141376.41       1.06355                        578385.01
4141396.41        0.03410
         578405.01    4141396.41       0.03590                        578425.01
4141396.41        0.03780
         578445.01    4141396.41       0.03990                        578465.01
4141396.41        0.04226
         578485.01    4141396.41       0.04473                        578505.01
4141396.41        0.04733
         578525.01    4141396.41       0.05061                        578545.01
4141396.41        0.05386
         578565.01    4141396.41       0.05791                        578585.01
4141396.41        0.06288
         578605.01    4141396.41       0.06904                        578625.01
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4141396.41 0.07685
578645.01 4141396.41 0.08686 578665.01
4141396.41 0.09984
579005.01 4141396.41 16.98474 579025.01
4141396.41 20.32959
579045.01 4141396.41 21.16473 579065.01
4141396.41 19.08758
579085.01 4141396.41 15.27251 579105.01
4141396.41 11.33921
579125.01 4141396.41 8.22062 579145.01
4141396.41 5.97544
579165.01 4141396.41 4.39490 579185.01
4141396.41 3.29038
579205.01 4141396.41 2.52744 579225.01
4141396.41 2.00397
579245.01 4141396.41 1.64616 579265.01
4141396.41 1.39549
579285.01 4141396.41 1.21235 579305.01
4141396.41 1.06958
578385.01 4141416.41 0.03520 578405.01
4141416.41 0.03724
578425.01 4141416.41 0.03947 578445.01
4141416.41 0.04191
578465.01 4141416.41 0.04454 578485.01
4141416.41 0.04744
578505.01 4141416.41 0.05047 578525.01
4141416.41 0.05389
578545.01 4141416.41 0.05770 578565.01
4141416.41 0.06186
578585.01 4141416.41 0.06685 578605.01
4141416.41 0.07282
578625.01 4141416.41 0.08017 578645.01
4141416.41 0.08936
578665.01 4141416.41 0.10129 579025.01
4141416.41 25.76641
579045.01 4141416.41 25.91199 579065.01
4141416.41 22.08847
579085.01 4141416.41 16.62473 579105.01
4141416.41 11.70131
579125.01 4141416.41 8.14382 579145.01
4141416.41 5.73057
579165.01 4141416.41 4.12778 579185.01
4141416.41 3.07286
579205.01 4141416.41 2.38379 579225.01
4141416.41 1.93118
579245.01 4141416.41 1.61964 579265.01
4141416.41 1.39382
579285.01 4141416.41 1.21678 579305.01
4141416.41 1.07456
578385.01 4141436.41 0.03585 578405.01

```
4141436.41        0.03812
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4141436.41        0.04339
         578465.01    4141436.41        0.04639                       578485.01
4141436.41        0.04968
         578505.01    4141436.41        0.05313                       578525.01
4141436.41        0.05712
         578545.01    4141436.41        0.06139                       578565.01
4141436.41        0.06609
         578585.01    4141436.41        0.07160                       578605.01
4141436.41        0.07787
         578625.01    4141436.41        0.08529                       578645.01
4141436.41        0.09429
         579025.01    4141436.41       33.40487                       579045.01
4141436.41       32.10658
         579065.01    4141436.41       25.49222                       579085.01
4141436.41       17.79802
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 400
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         579105.01    4141436.41       11.76656                       579125.01
4141436.41        7.82274
         579145.01    4141436.41        5.36049                       579165.01
4141436.41        3.83573
         579185.01    4141436.41        2.89531                       579205.01
4141436.41        2.30184
         579225.01    4141436.41        1.90538                       579245.01
4141436.41        1.61900
         579265.01    4141436.41        1.39683                       579285.01
4141436.41        1.21780
         579305.01    4141436.41        1.06927                       579325.01
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         578425.01    4141456.41        0.04123                    578445.01
4141456.41        0.04420
         578465.01    4141456.41        0.04748                    578485.01
4141456.41        0.05115
         578505.01    4141456.41        0.05500                    578525.01
4141456.41        0.05965
         578545.01    4141456.41        0.06435                    578565.01
4141456.41        0.06991
         578585.01    4141456.41        0.07621                    578605.01
4141456.41        0.08318
         578625.01    4141456.41        0.09125                    578645.01
4141456.41        0.10079
         579045.01    4141456.41       40.20486                    579065.01
4141456.41       29.07498
         579085.01    4141456.41       18.42770                    579105.01
4141456.41       11.35631
         579125.01    4141456.41        7.26449                    579145.01
4141456.41        4.94587
         579165.01    4141456.41        3.60437                    579185.01
4141456.41        2.79941
         579205.01    4141456.41        2.27534                    579225.01
4141456.41        1.90317
         579245.01    4141456.41        1.61616                    579265.01
4141456.41        1.38840
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4141476.41        0.03882
         578425.01    4141476.41        0.04157                    578445.01
4141476.41        0.04460
         578465.01    4141476.41        0.04805                    578485.01
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         579105.01    4141476.41       10.49346                    579125.01
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4141476.41        2.25862
         579225.01    4141476.41        1.88380                    578385.01
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  578445.01 4141496.41 0.04503 578465.01
4141496.41 0.04855
  578485.01 4141496.41 0.05259 578505.01
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  578525.01 4141496.41 0.06243 578545.01
4141496.41 0.06778
  578565.01 4141496.41 0.07426 578585.01
4141496.41 0.08180
  578605.01 4141496.41 0.09049 578625.01
4141496.41 0.10056
  578645.01 4141496.41 0.11266 579085.01
4141496.41 16.82991
  579105.01 4141496.41 9.46940 579125.01
4141496.41 6.13895
  579145.01 4141496.41 4.44012 579165.01
4141496.41 3.41752

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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578465.01	4141516.41	0.04936	578485.01	4141516.41	0.05344
578505.01	4141516.41	0.05793	578525.01		

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4141516.41 0.07588
578585.01 4141516.41 0.08371 578605.01
4141516.41 0.09284
578625.01 4141516.41 0.10365 578645.01
4141516.41 0.11668
579085.01 4141516.41 14.77987 579105.01
4141516.41 8.64317
579125.01 4141516.41 5.85508 579145.01
4141516.41 4.29514
579165.01 4141516.41 3.29283 578385.01
4141536.41 0.03835
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4141536.41 0.04385
578445.01 4141536.41 0.04714 578465.01
4141536.41 0.05076
578485.01 4141536.41 0.05489 578505.01
4141536.41 0.05947
578525.01 4141536.41 0.06545 578545.01
4141536.41 0.07084
578565.01 4141536.41 0.07798 578585.01
4141536.41 0.08614
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4141536.41 0.10694
578645.01 4141536.41 0.12040 578665.01
4141536.41 0.13660
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4141536.41 5.46022
579185.01 4141536.41 2.37659 578385.01
4141556.41 0.03970
578405.01 4141556.41 0.04236 578425.01
4141556.41 0.04533
578445.01 4141556.41 0.04870 578465.01
4141556.41 0.05252
578485.01 4141556.41 0.05676 578505.01
4141556.41 0.06154
578525.01 4141556.41 0.06751 578545.01
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4141556.41 0.08907
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4141556.41 0.11089
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4141556.41 0.14169
578685.01 4141556.41 0.16213 579165.01
4141556.41 2.62757
579185.01 4141556.41 2.07244 579205.01
4141556.41 1.67657
578385.01 4141576.41 0.04094 578405.01

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4141576.41        0.05848
         578505.01    4141576.41        0.06354                       578525.01
4141576.41        0.06968
         578545.01    4141576.41        0.07588                       578565.01
4141576.41        0.08344
         578585.01    4141576.41        0.09225                       578605.01
4141576.41        0.10265
         578625.01    4141576.41        0.11504                       578645.01
4141576.41        0.13008
         578665.01    4141576.41        0.14781                       578685.01
4141576.41        0.16922
         578705.01    4141576.41        0.19572                       579145.01
4141576.41        2.76671
         579165.01    4141576.41        2.15496                       579185.01
4141576.41        1.72667
         579205.01    4141576.41        1.41485                       579225.01
4141576.41        1.18071
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 402
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         578465.01    4141596.41        0.05517                       578485.01
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4141596.41 0.08577
578585.01 4141596.41 0.09496 578605.01
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578745.01 4141596.41 0.28774 579105.01
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579185.01 4141596.41 1.39133 579205.01
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579225.01 4141596.41 0.98444 579245.01
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4141596.41 0.64041
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579345.01 4141596.41 0.45084 578385.01
4141616.41 0.04174
578405.01 4141616.41 0.04467 578425.01
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4141616.41 3.04488
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         579245.01    4141616.41        0.70588                       579265.01
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         579285.01    4141616.41        0.54689                       579305.01
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         579325.01    4141616.41        0.43836                       579345.01
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4141636.41        0.04441
         578425.01    4141636.41        0.04771                       578445.01
4141636.41        0.05145
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4141636.41        0.06041
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4141636.41        0.07243
         578545.01    4141636.41        0.07969                       578565.01
4141636.41        0.08843
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4141636.41        0.11125
         578625.01    4141636.41        0.12590                       578645.01
4141636.41        0.14393
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 403
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578665.01    4141636.41        0.16611                       578685.01
4141636.41        0.19459
         578705.01    4141636.41        0.23102                       578725.01
4141636.41        0.27655
         579045.01    4141636.41        3.26877                       579065.01
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4141656.41 0.30202
578385.01 4141676.41 0.04157 578405.01

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  578505.01 4141676.41 0.06965 578525.01
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  578545.01 4141676.41 0.08583 578565.01
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  578625.01 4141676.41 0.14346 578645.01
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  578665.01 4141676.41 0.19820 578685.01
4141676.41 0.23634
  578705.01 4141676.41 0.28707 578985.01
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  579005.01 4141676.41 2.60701 579025.01
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4141676.41 1.17495
  579085.01 4141676.41 0.97434 579105.01
4141676.41 0.83397
  579125.01 4141676.41 0.73007 579145.01
4141676.41 0.64904

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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579205.01	4141676.41	0.47785	579225.01		

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579245.01 4141676.41 0.39792 579265.01
4141676.41 0.36471
579285.01 4141676.41 0.33497 579305.01
4141676.41 0.30780
579325.01 4141676.41 0.28477 579345.01
4141676.41 0.26366
578385.01 4141696.41 0.04255 578405.01
4141696.41 0.04597
578425.01 4141696.41 0.04998 578445.01
4141696.41 0.05469
578465.01 4141696.41 0.05997 578485.01
4141696.41 0.06599
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4141696.41 0.08194
578565.01 4141696.41 0.10369 578585.01
4141696.41 0.11809
578605.01 4141696.41 0.13572 578625.01
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578645.01 4141696.41 0.18596 578665.01
4141696.41 0.22202
578685.01 4141696.41 0.26848 578945.01
4141696.41 4.40078
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4141696.41 2.43433
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  578925.01 4141716.41 3.65015 578945.01 4141716.41 2.91782
  578965.01 4141716.41 2.23999 578985.01 4141716.41 1.72563
  579005.01 4141716.41 1.35903 579025.01 4141716.41 1.08256
  579045.01 4141716.41 0.86927 579065.01 4141716.41 0.71225
  579085.01 4141716.41 0.59964 579105.01 4141716.41 0.51794
  579125.01 4141716.41 0.45661 579145.01 4141716.41 0.40955
  579165.01 4141716.41 0.37247 579185.01 4141716.41 0.34205
  579205.01 4141716.41 0.31612 579225.01 4141716.41 0.29358
  579245.01 4141716.41 0.27342 579265.01 4141716.41 0.25553
  579285.01 4141716.41 0.23924 579305.01 4141716.41 0.22392

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.21069	579345.01		

4141716.41 0.19821
578385.01 4141736.41 0.04665 578405.01
4141736.41 0.05099
578425.01 4141736.41 0.05593 578445.01
4141736.41 0.06141
578465.01 4141736.41 0.06774 578485.01
4141736.41 0.07531
578505.01 4141736.41 0.08541 578625.01
4141736.41 0.19860
578645.01 4141736.41 0.23842 578665.01
4141736.41 0.29156
578865.01 4141736.41 3.00656 578885.01
4141736.41 3.17733
578905.01 4141736.41 3.00430 578925.01
4141736.41 2.55399
578945.01 4141736.41 2.03835 578965.01
4141736.41 1.60752
578985.01 4141736.41 1.28866 579005.01
4141736.41 1.04979
579025.01 4141736.41 0.85711 579045.01
4141736.41 0.70200
579065.01 4141736.41 0.58373 579085.01
4141736.41 0.49575
579105.01 4141736.41 0.42994 579125.01
4141736.41 0.37958
579145.01 4141736.41 0.34064 579165.01
4141736.41 0.30993
579185.01 4141736.41 0.28505 579205.01
4141736.41 0.26417
579225.01 4141736.41 0.24632 579245.01
4141736.41 0.23065
579265.01 4141736.41 0.21670 579285.01
4141736.41 0.20408
579305.01 4141736.41 0.19258 579325.01
4141736.41 0.18198
579345.01 4141736.41 0.17226 578385.01
4141756.41 0.04962
578405.01 4141756.41 0.05434 578425.01
4141756.41 0.05967
578445.01 4141756.41 0.06580 578465.01
4141756.41 0.07288
578485.01 4141756.41 0.08204 578845.01
4141756.41 2.31031
578865.01 4141756.41 2.48549 578885.01
4141756.41 2.46046
578905.01 4141756.41 2.21675 578925.01
4141756.41 1.84757
578945.01 4141756.41 1.48936 578965.01
4141756.41 1.20902
578985.01 4141756.41 1.00067 579005.01

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4141756.41        0.83562
         579025.01    4141756.41        0.69563                        579045.01
4141756.41        0.57971
         579065.01    4141756.41        0.48877                        579085.01
4141756.41        0.41897
         579105.01    4141756.41        0.36524                        579125.01
4141756.41        0.32314
         579145.01    4141756.41        0.29012                        579165.01
4141756.41        0.26391
         579185.01    4141756.41        0.24271                        579205.01
4141756.41        0.22504
         579225.01    4141756.41        0.21015                        579245.01
4141756.41        0.19737
         579265.01    4141756.41        0.18605                        579285.01
4141756.41        0.17585
         579305.01    4141756.41        0.16662                        579325.01
4141756.41        0.15824
         579345.01    4141756.41        0.15040                        578385.01
4141776.41        0.05283
         578405.01    4141776.41        0.05804                        578425.01
4141776.41        0.06374
         578445.01    4141776.41        0.07048                        578465.01
4141776.41        0.07870
         578485.01    4141776.41        0.08903                        578825.01
4141776.41        1.81712
         578845.01    4141776.41        1.97816                        578865.01
4141776.41        2.01898
         578885.01    4141776.41        1.90536                        578905.01
4141776.41        1.66492
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 406
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                   INCLUDING SOURCE(S):     DEMO2_1D    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
578925.01 4141776.41 1.38000 578945.01
4141776.41 1.13080
578965.01 4141776.41 0.94272 578985.01
4141776.41 0.80050
579005.01 4141776.41 0.68123 579025.01
4141776.41 0.57606
579045.01 4141776.41 0.48702 579065.01
4141776.41 0.41577
579085.01 4141776.41 0.35976 579105.01
4141776.41 0.31554
579125.01 4141776.41 0.28009 579145.01
4141776.41 0.25177
579165.01 4141776.41 0.22901 579185.01
4141776.41 0.21050
579205.01 4141776.41 0.19508 579225.01
4141776.41 0.18217
579245.01 4141776.41 0.17122 579265.01
4141776.41 0.16167
579285.01 4141776.41 0.15323 579305.01
4141776.41 0.14556
579325.01 4141776.41 0.13872 579345.01
4141776.41 0.13228
578405.01 4141796.41 0.06197 578425.01
4141796.41 0.06837
578445.01 4141796.41 0.07599 578465.01
4141796.41 0.08595
578805.01 4141796.41 1.46548 578825.01
4141796.41 1.59821
578845.01 4141796.41 1.65921 578865.01
4141796.41 1.62805
578885.01 4141796.41 1.48603 578905.01
4141796.41 1.27531
578925.01 4141796.41 1.06074 578945.01
4141796.41 0.88624
578965.01 4141796.41 0.75732 578985.01
4141796.41 0.65579
579005.01 4141796.41 0.56608 579025.01
4141796.41 0.48494
579045.01 4141796.41 0.41503 579065.01
4141796.41 0.35815
579085.01 4141796.41 0.31267 579105.01
4141796.41 0.27603
579125.01 4141796.41 0.24609 579145.01
4141796.41 0.22169
579165.01 4141796.41 0.20177 579185.01
4141796.41 0.18539
579205.01 4141796.41 0.17169 579225.01
4141796.41 0.16022
579245.01 4141796.41 0.15041 579265.01

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4141796.41        0.14216
         579285.01    4141796.41        0.13478                       579305.01
4141796.41        0.12835
         579325.01    4141796.41        0.12252                       579345.01
4141796.41        0.11715
         578445.01    4141816.41        0.08295                       578585.01
4141816.41        0.23022
         578605.01    4141816.41        0.27564                       578665.01
4141816.41        0.47577
         578685.01    4141816.41        0.56771                       578785.01
4141816.41        1.20569
         578805.01    4141816.41        1.31640                       578825.01
4141816.41        1.38166
         578845.01    4141816.41        1.38338                       578865.01
4141816.41        1.31258
         578885.01    4141816.41        1.17089                       578905.01
4141816.41        0.99650
         578925.01    4141816.41        0.83690                       578945.01
4141816.41        0.71384
         578965.01    4141816.41        0.62275                       578985.01
4141816.41        0.54737
         579005.01    4141816.41        0.47786                       579025.01
4141816.41        0.41372
         579045.01    4141816.41        0.35797                       579065.01
4141816.41        0.31191
         579085.01    4141816.41        0.27450                       579105.01
4141816.41        0.24384
         579125.01    4141816.41        0.21844                       579145.01
4141816.41        0.19737
         579165.01    4141816.41        0.17989                       579185.01
4141816.41        0.16534
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 407
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                   INCLUDING SOURCE(S):     DEMO2_1D    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)   CONC
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579205.01	4141816.41	0.15308	579225.01	4141816.41	0.14273
579245.01	4141816.41	0.13383	579265.01	4141816.41	0.12626
579285.01	4141816.41	0.11981	579305.01	4141816.41	0.11420
579325.01	4141816.41	0.10914	579345.01	4141816.41	0.10458
578565.01	4141836.41	0.21746	578585.01	4141836.41	0.25691
578605.01	4141836.41	0.30559	578625.01	4141836.41	0.36165
578645.01	4141836.41	0.42623	578665.01	4141836.41	0.50151
578685.01	4141836.41	0.58676	578705.01	4141836.41	0.68291
578725.01	4141836.41	0.78996	578765.01	4141836.41	1.00891
578785.01	4141836.41	1.10001	578805.01	4141836.41	1.16249
578825.01	4141836.41	1.18291	578845.01	4141836.41	1.15202
578865.01	4141836.41	1.06419	578885.01	4141836.41	0.93343
578905.01	4141836.41	0.79412	578925.01	4141836.41	0.67596
578945.01	4141836.41	0.58818	578965.01	4141836.41	0.52187
578985.01	4141836.41	0.46411	579005.01	4141836.41	0.40882
579025.01	4141836.41	0.35713	579045.01	4141836.41	0.31182
579065.01	4141836.41	0.27404	579085.01	4141836.41	0.24298
579105.01	4141836.41	0.21716	579125.01	4141836.41	0.19546
579145.01	4141836.41	0.17723	579165.01	4141836.41	0.16187
579185.01	4141836.41	0.14893	579205.01	4141836.41	0.13794
579225.01	4141836.41	0.12857	579245.01	4141836.41	0.12049
579265.01	4141836.41	0.11351	579285.01	4141836.41	0.10756
579305.01	4141836.41	0.10243	579325.01	4141836.41	0.09794
579345.01	4141836.41	0.09402	578565.01		

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4141856.41        0.24077
         578585.01    4141856.41        0.28190                       578605.01
4141856.41        0.32966
         578625.01    4141856.41        0.38405                       578645.01
4141856.41        0.44548
         578665.01    4141856.41        0.51500                       578685.01
4141856.41        0.59261
         578705.01    4141856.41        0.67796                       578725.01
4141856.41        0.76795
         578745.01    4141856.41        0.85518                       578765.01
4141856.41        0.93180
         578785.01    4141856.41        0.98873                       578805.01
4141856.41        1.01711
         578825.01    4141856.41        1.00786                       578845.01
4141856.41        0.95774
         578865.01    4141856.41        0.86765                       578885.01
4141856.41        0.75414
         578905.01    4141856.41        0.64480                       578925.01
4141856.41        0.55727
         578945.01    4141856.41        0.49374                       578965.01
4141856.41        0.44412
         578985.01    4141856.41        0.39858                       579005.01
4141856.41        0.35378
         579025.01    4141856.41        0.31147                       579045.01
4141856.41        0.27412
         579065.01    4141856.41        0.24274                       579085.01
4141856.41        0.21666
         579105.01    4141856.41        0.19475                       579125.01
4141856.41        0.17612
         579145.01    4141856.41        0.16024                       579165.01
4141856.41        0.14671
         579185.01    4141856.41        0.13517                       579205.01
4141856.41        0.12533
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 408
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.11688	579245.01	4141856.41	0.10950
579265.01	4141856.41	0.10305	579285.01	4141856.41	0.09758
579305.01	4141856.41	0.09278	579325.01	4141856.41	0.08856
579345.01	4141856.41	0.08497	578545.01	4141876.41	0.22467
578565.01	4141876.41	0.26071	578585.01	4141876.41	0.30119
578605.01	4141876.41	0.34693	578625.01	4141876.41	0.39814
578645.01	4141876.41	0.45546	578665.01	4141876.41	0.51921
578685.01	4141876.41	0.58875	578705.01	4141876.41	0.66184
578725.01	4141876.41	0.73339	578745.01	4141876.41	0.79762
578765.01	4141876.41	0.84808	578785.01	4141876.41	0.87864
578805.01	4141876.41	0.88350	578825.01	4141876.41	0.85734
578845.01	4141876.41	0.79819	578865.01	4141876.41	0.71264
578885.01	4141876.41	0.61767	578905.01	4141876.41	0.53267
578925.01	4141876.41	0.46775	578945.01	4141876.41	0.42088
578965.01	4141876.41	0.38273	578985.01	4141876.41	0.34606
579005.01	4141876.41	0.30916	579025.01	4141876.41	0.27402
579045.01	4141876.41	0.24287	579065.01	4141876.41	0.21651
579085.01	4141876.41	0.19444	579105.01	4141876.41	0.17569
579125.01	4141876.41	0.15960	579145.01	4141876.41	0.14572
579165.01	4141876.41	0.13375	579185.01	4141876.41	0.12345
579205.01	4141876.41	0.11463	579225.01	4141876.41	0.10701
579245.01	4141876.41	0.10030	579265.01	4141876.41	0.09437
579285.01	4141876.41	0.08925	579305.01		

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4141876.41        0.08471
         579325.01    4141876.41        0.08072                        579345.01
4141876.41        0.07735
         578545.01    4141896.41        0.24100                        578565.01
4141896.41        0.27586
         578585.01    4141896.41        0.31468                        578605.01
4141896.41        0.35798
         578625.01    4141896.41        0.40566                        578645.01
4141896.41        0.45838
         578665.01    4141896.41        0.51608                        578685.01
4141896.41        0.57613
         578705.01    4141896.41        0.63554                        578725.01
4141896.41        0.68980
         578745.01    4141896.41        0.73414                        578765.01
4141896.41        0.76418
         578785.01    4141896.41        0.77590                        578805.01
4141896.41        0.76527
         578825.01    4141896.41        0.72915                        578845.01
4141896.41        0.66809
         578865.01    4141896.41        0.59103                        578885.01
4141896.41        0.51284
         578905.01    4141896.41        0.44709                        578925.01
4141896.41        0.39879
         578945.01    4141896.41        0.36355                        578965.01
4141896.41        0.33343
         578985.01    4141896.41        0.30323                        579005.01
4141896.41        0.27242
         579025.01    4141896.41        0.24295                        579045.01
4141896.41        0.21668
         579065.01    4141896.41        0.19430                        579085.01
4141896.41        0.17547
         579105.01    4141896.41        0.15935                        579125.01
4141896.41        0.14540
         579145.01    4141896.41        0.13320                        579165.01
4141896.41        0.12256
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 409
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.11332	579205.01	4141896.41	0.10537
579225.01	4141896.41	0.09849	579245.01	4141896.41	0.09246
579265.01	4141896.41	0.08705	579285.01	4141896.41	0.08227
579305.01	4141896.41	0.07797	579325.01	4141896.41	0.07420
579345.01	4141896.41	0.07095	578565.01	4141916.41	0.28685
578585.01	4141916.41	0.32273	578605.01	4141916.41	0.36331
578625.01	4141916.41	0.40752	578645.01	4141916.41	0.45566
578665.01	4141916.41	0.50595	578685.01	4141916.41	0.55583
578705.01	4141916.41	0.60199	578725.01	4141916.41	0.64085
578745.01	4141916.41	0.66916	578765.01	4141916.41	0.68410
578785.01	4141916.41	0.68290	578805.01	4141916.41	0.66262
578825.01	4141916.41	0.62127	578845.01	4141916.41	0.56228
578865.01	4141916.41	0.49487	578885.01	4141916.41	0.43140
578905.01	4141916.41	0.38094	578925.01	4141916.41	0.34473
578945.01	4141916.41	0.31757	578965.01	4141916.41	0.29316
578985.01	4141916.41	0.26790	579005.01	4141916.41	0.24189
579025.01	4141916.41	0.21685	579045.01	4141916.41	0.19447
579065.01	4141916.41	0.17534	579085.01	4141916.41	0.15914
579105.01	4141916.41	0.14522	579125.01	4141916.41	0.13306
579145.01	4141916.41	0.12231	579165.01	4141916.41	0.11281
579185.01	4141916.41	0.10449	578386.27	4141125.26	0.02823
578406.27	4141125.26	0.03101	578426.27		

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4141125.26        0.03399
         578446.27    4141125.26        0.03724                        578466.27
4141125.26        0.04085
         578486.27    4141125.26        0.04481                        578506.27
4141125.26        0.04928
         578526.27    4141125.26        0.05418                        578546.27
4141125.26        0.05984
         578566.27    4141125.26        0.06646                        578586.27
4141125.26        0.07447
         578606.27    4141125.26        0.08434                        578626.27
4141125.26        0.09596
         578646.27    4141125.26        0.11048                        578666.27
4141125.26        0.12861
         578686.27    4141125.26        0.15031                        578706.27
4141125.26        0.17647
         578726.27    4141125.26        0.20777                        578746.27
4141125.26        0.24487
         578766.27    4141125.26        0.28713                        578786.27
4141125.26        0.33484
         578806.27    4141125.26        0.39002                        578826.27
4141125.26        0.45222
         578846.27    4141125.26        0.52541                        578866.27
4141125.26        0.61452
         578886.27    4141125.26        0.72563                        578906.27
4141125.26        0.86396
         578926.27    4141125.26        1.03230                        578946.27
4141125.26        1.24324
         578966.27    4141125.26        1.50497                        578986.27
4141125.26        1.82237
         579006.27    4141125.26        2.18944                        579026.27
4141125.26        2.58677
         579046.27    4141125.26        2.96746                        579066.27
4141125.26        3.28180
         579086.27    4141125.26        3.50403                        579106.27
4141125.26        3.60819
         579126.27    4141125.26        3.58311                        579146.27
4141125.26        3.43387
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 410
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                   INCLUDING SOURCE(S):     DEMO2_1D    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
```

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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	3.18544	579186.27	4141125.26	2.88569
579206.27	4141125.26	2.57097	578386.27	4141145.26	0.02711
578406.27	4141145.26	0.02990	578426.27	4141145.26	0.03299
578446.27	4141145.26	0.03631	578466.27	4141145.26	0.03998
578486.27	4141145.26	0.04411	578506.27	4141145.26	0.04865
578526.27	4141145.26	0.05377	578546.27	4141145.26	0.05943
578566.27	4141145.26	0.06609	578586.27	4141145.26	0.07385
578606.27	4141145.26	0.08341	578626.27	4141145.26	0.09517
578646.27	4141145.26	0.10947	578666.27	4141145.26	0.12687
578686.27	4141145.26	0.14871	578706.27	4141145.26	0.17559
578726.27	4141145.26	0.20877	578746.27	4141145.26	0.24763
578766.27	4141145.26	0.29255	578786.27	4141145.26	0.34425
578806.27	4141145.26	0.40403	578826.27	4141145.26	0.47304
578846.27	4141145.26	0.55249	578866.27	4141145.26	0.65085
578886.27	4141145.26	0.77237	578906.27	4141145.26	0.92462
578926.27	4141145.26	1.11653	578946.27	4141145.26	1.35486
578966.27	4141145.26	1.65207	578986.27	4141145.26	2.01624
579006.27	4141145.26	2.43595	579026.27	4141145.26	2.87743
579046.27	4141145.26	3.29421	579066.27	4141145.26	3.64359
579086.27	4141145.26	3.88139	579106.27	4141145.26	3.95713
579126.27	4141145.26	3.88707	579146.27		

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4141145.26        3.67487
         579166.27    4141145.26        3.36668                      579186.27
4141145.26        3.00754
         579206.27    4141145.26        2.64831                      578723.62
4141929.59        0.60550
         578743.62    4141929.59        0.62615                      578763.62
4141929.59        0.63455
         578783.62    4141929.59        0.62824                      578803.62
4141929.59        0.60479
         578823.62    4141929.59        0.56334                      578843.62
4141929.59        0.50778
         578863.62    4141929.59        0.44680                      578883.62
4141929.59        0.39119
         578903.62    4141929.59        0.34783                      578923.62
4141929.59        0.31698
         578943.62    4141929.59        0.29360                      578963.62
4141929.59        0.27209
         578983.62    4141929.59        0.24952                      579003.62
4141929.59        0.22610
         579023.62    4141929.59        0.20341                      579043.62
4141929.59        0.18297
         579063.62    4141929.59        0.16542                      579083.62
4141929.59        0.15054
         579103.62    4141929.59        0.13775                      579123.62
4141929.59        0.12652
         579143.62    4141929.59        0.11653                      579163.62
4141929.59        0.10764
         579183.62    4141929.59        0.09977                      578725.67
4141942.60        0.57465
         578745.67    4141942.60        0.58745                      578765.67
4141942.60        0.58850
         578785.67    4141942.60        0.57580                      578805.67
4141942.60        0.54749
         578825.67    4141942.60        0.50430                      578845.67
4141942.60        0.45110
         578865.67    4141942.60        0.39650                      578885.67
4141942.60        0.34942
         578905.67    4141942.60        0.31408                      578925.67
4141942.60        0.28905
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 411
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.26928	578965.67	4141942.60	0.25012
578985.67	4141942.60	0.22963	579005.67	4141942.60	0.20838
579025.67	4141942.60	0.18797	579045.67	4141942.60	0.16965
579065.67	4141942.60	0.15392	579085.67	4141942.60	0.14056
579105.67	4141942.60	0.12904	579125.67	4141942.60	0.11888
579145.67	4141942.60	0.10976	579165.67	4141942.60	0.10158
579185.67	4141942.60	0.09430	578745.52	4141955.60	0.54885
578765.52	4141955.60	0.54543	578785.52	4141955.60	0.52920
578805.52	4141955.60	0.49914	578825.52	4141955.60	0.45675
578845.52	4141955.60	0.40725	578865.52	4141955.60	0.35864
578885.52	4141955.60	0.31801	578905.52	4141955.60	0.28819
578925.52	4141955.60	0.26701	578945.52	4141955.60	0.24978
578965.52	4141955.60	0.23263	578985.52	4141955.60	0.21409
579005.52	4141955.60	0.19478	579025.52	4141955.60	0.17616
579045.52	4141955.60	0.15943	579065.52	4141955.60	0.14502
579085.52	4141955.60	0.13277	579105.52	4141955.60	0.12221
579125.52	4141955.60	0.11287	579145.52	4141955.60	0.10445
579165.52	4141955.60	0.09682	579185.52	4141955.60	0.08997
578785.22	4141971.34	0.47813	578805.22	4141971.34	0.44717
578825.22	4141971.34	0.40652	578845.22		

4141971.34 0.36161
578865.22 4141971.34 0.31957 578885.22
4141971.34 0.28561
578905.22 4141971.34 0.26124 578925.22
4141971.34 0.24378
578945.22 4141971.34 0.22901 578965.22
4141971.34 0.21388
578985.22 4141971.34 0.19737 579005.22
4141971.34 0.18012
579025.22 4141971.34 0.16343 579045.22
4141971.34 0.14835
579065.22 4141971.34 0.13532 579085.22
4141971.34 0.12424
579105.22 4141971.34 0.11469 579125.22
4141971.34 0.10622
579145.22 4141971.34 0.09857 579165.22
4141971.34 0.09156
579185.22 4141971.34 0.08521 578790.01
4141986.40 0.42705
578810.01 4141986.40 0.39385 578830.01
4141986.40 0.35431
578850.01 4141986.40 0.31433 578870.01
4141986.40 0.27965
578890.01 4141986.40 0.25337 578910.01
4141986.40 0.23495
578930.01 4141986.40 0.22108 578950.01
4141986.40 0.20821
578970.01 4141986.40 0.19432 578990.01
4141986.40 0.17920
579010.01 4141986.40 0.16366 579030.01
4141986.40 0.14887
579050.01 4141986.40 0.13563 579070.01
4141986.40 0.12421
579090.01 4141986.40 0.11448 579110.01
4141986.40 0.10606
579130.01 4141986.40 0.09856 579150.01
4141986.40 0.09171
579170.01 4141986.40 0.08538 579190.01
4141986.40 0.07963
578810.54 4142001.46 0.35376 578830.54
4142001.46 0.31715

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRCGP16 ***
                                  INCLUDING SOURCE(S):   DEMO2_1D   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         578850.54   4142001.46   0.28190   578870.54
4142001.46   0.25254
         578890.54   4142001.46   0.23092   578910.54
4142001.46   0.21577
         578930.54   4142001.46   0.20397   578950.54
4142001.46   0.19256
         578970.54   4142001.46   0.17999   578990.54
4142001.46   0.16624
         579010.54   4142001.46   0.15218   579030.54
4142001.46   0.13880
         579050.54   4142001.46   0.12680   579070.54
4142001.46   0.11644
         579090.54   4142001.46   0.10758   579110.54
4142001.46   0.09991
         579130.54   4142001.46   0.09308   579150.54
4142001.46   0.08681
         579170.54   4142001.46   0.08100   579190.54
4142001.46   0.07566

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                 *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP17 ***
                                  INCLUDING SOURCE(S):   DEMO3_1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

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

Y-COORD (M)   CONC
- -

578385.01   4141176.41   0.05159   578405.01
4141176.41   0.05732
578425.01   4141176.41   0.06410   578445.01
4141176.41   0.07223
578465.01   4141176.41   0.08134   578485.01
4141176.41   0.09230
578505.01   4141176.41   0.10771   578525.01
4141176.41   0.12337
578545.01   4141176.41   0.14222   578565.01
4141176.41   0.16387
578585.01   4141176.41   0.18975   578605.01
4141176.41   0.22019
578625.01   4141176.41   0.25533   578645.01
4141176.41   0.29677
578665.01   4141176.41   0.34691   578685.01
4141176.41   0.40770
578705.01   4141176.41   0.47825   578725.01
4141176.41   0.56164
578745.01   4141176.41   0.66191   578765.01
4141176.41   0.77819
578785.01   4141176.41   0.91736   578805.01
4141176.41   1.08139
578825.01   4141176.41   1.27557   578845.01
4141176.41   1.50102
578865.01   4141176.41   1.74429   578885.01
4141176.41   2.00874
578905.01   4141176.41   2.27934   578925.01
4141176.41   2.54219
578945.01   4141176.41   2.77935   578965.01
4141176.41   2.96248
578985.01   4141176.41   3.08032   579005.01
4141176.41   3.12181
579025.01   4141176.41   3.09468   579045.01
4141176.41   3.00380
579065.01   4141176.41   2.85864   579085.01
4141176.41   2.67074
579105.01   4141176.41   2.45924   579125.01
4141176.41   2.23843
579145.01   4141176.41   2.01886   579165.01
4141176.41   1.80621
579185.01   4141176.41   1.61368   579205.01
4141176.41   1.43584
579225.01   4141176.41   1.27718   578385.01
4141196.41   0.05075
578405.01   4141196.41   0.05637   578425.01
4141196.41   0.06306
578445.01   4141196.41   0.07085   578465.01

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4141196.41        0.08009
         578485.01    4141196.41        0.09112                        578505.01
4141196.41        0.10626
         578525.01    4141196.41        0.12223                        578545.01
4141196.41        0.14120
         578565.01    4141196.41        0.16373                        578585.01
4141196.41        0.19033
         578605.01    4141196.41        0.22142                        578625.01
4141196.41        0.25827
         578645.01    4141196.41        0.30328                        578665.01
4141196.41        0.35795
         578685.01    4141196.41        0.42142                        578705.01
4141196.41        0.49695
         578725.01    4141196.41        0.58717                        578745.01
4141196.41        0.69571
         578765.01    4141196.41        0.82668                        578785.01
4141196.41        0.98008
         578805.01    4141196.41        1.16424                        578825.01
4141196.41        1.38027
         578845.01    4141196.41        1.63279                        578865.01
4141196.41        1.91706
         578885.01    4141196.41        2.21529                        578905.01
4141196.41        2.52313
         578925.01    4141196.41        2.82082                        578945.01
4141196.41        3.08170
         578965.01    4141196.41        3.27988                        578985.01
4141196.41        3.38971
         579005.01    4141196.41        3.41816                        579025.01
4141196.41        3.36714
         579045.01    4141196.41        3.23801                        579065.01
4141196.41        3.05424
         579085.01    4141196.41        2.82253                        579105.01
4141196.41        2.57055
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 414
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP17  ***
                                    INCLUDING SOURCE(S):     DEMO3_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	2.31654	579145.01	4141196.41	2.07448
579165.01	4141196.41	1.84436	579185.01	4141196.41	1.63183
579205.01	4141196.41	1.44281	579225.01	4141196.41	1.27728
579245.01	4141196.41	1.13406	578385.01	4141216.41	0.04992
578405.01	4141216.41	0.05545	578425.01	4141216.41	0.06194
578445.01	4141216.41	0.06960	578465.01	4141216.41	0.07876
578485.01	4141216.41	0.08967	578505.01	4141216.41	0.10459
578525.01	4141216.41	0.12079	578545.01	4141216.41	0.13999
578565.01	4141216.41	0.16298	578585.01	4141216.41	0.19043
578605.01	4141216.41	0.22266	578625.01	4141216.41	0.26178
578645.01	4141216.41	0.30991	578665.01	4141216.41	0.36665
578685.01	4141216.41	0.43515	578705.01	4141216.41	0.51602
578725.01	4141216.41	0.61350	578745.01	4141216.41	0.73224
578765.01	4141216.41	0.87721	578785.01	4141216.41	1.05080
578805.01	4141216.41	1.25592	578825.01	4141216.41	1.50009
578845.01	4141216.41	1.78550	578925.01	4141216.41	3.14203
578945.01	4141216.41	3.42731	578965.01	4141216.41	3.64489
578985.01	4141216.41	3.75418	579005.01	4141216.41	3.75826
579025.01	4141216.41	3.66263	579045.01	4141216.41	3.48698
579065.01	4141216.41	3.25364	579085.01	4141216.41	2.97543
579105.01	4141216.41	2.68077	579125.01	4141216.41	2.39494
579145.01	4141216.41	2.12403	579165.01	4141216.41	1.86977
579185.01	4141216.41	1.64296	579205.01		

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4141216.41        1.44576
         579225.01    4141216.41        1.27647                        579245.01
4141216.41        1.12709
         578385.01    4141236.41        0.04896                        578405.01
4141236.41        0.05453
         578425.01    4141236.41        0.06085                        578445.01
4141236.41        0.06837
         578465.01    4141236.41        0.07732                        578485.01
4141236.41        0.08804
         578505.01    4141236.41        0.10323                        578525.01
4141236.41        0.11937
         578545.01    4141236.41        0.13831                        578565.01
4141236.41        0.16157
         578585.01    4141236.41        0.18995                        578605.01
4141236.41        0.22337
         578625.01    4141236.41        0.26398                        578645.01
4141236.41        0.31409
         578665.01    4141236.41        0.37454                        578685.01
4141236.41        0.44797
         578705.01    4141236.41        0.53587                        578725.01
4141236.41        0.64218
         578745.01    4141236.41        0.77104                        578765.01
4141236.41        0.92988
         578785.01    4141236.41        1.12711                        578805.01
4141236.41        1.35916
         578825.01    4141236.41        1.63784                        578945.01
4141236.41        3.83761
         578965.01    4141236.41        4.05716                        578985.01
4141236.41        4.16584
         579005.01    4141236.41        4.13353                        579025.01
4141236.41        3.98752
         579045.01    4141236.41        3.75130                        579065.01
4141236.41        3.45390
         579085.01    4141236.41        3.12897                        579105.01
4141236.41        2.79078
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 415
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP17  ***
                                   INCLUDING SOURCE(S):     DEMO3_1     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	2.46384	579145.01	4141236.41	2.15931
579165.01	4141236.41	1.88792	579185.01	4141236.41	1.64881
579205.01	4141236.41	1.44326	579225.01	4141236.41	1.26927
579245.01	4141236.41	1.11554	578385.01	4141256.41	0.04810
578405.01	4141256.41	0.05351	578425.01	4141256.41	0.06099
578445.01	4141256.41	0.06718	578465.01	4141256.41	0.07588
578485.01	4141256.41	0.08811	578505.01	4141256.41	0.10144
578525.01	4141256.41	0.11732	578545.01	4141256.41	0.13625
578565.01	4141256.41	0.15970	578585.01	4141256.41	0.18870
578605.01	4141256.41	0.22375	578625.01	4141256.41	0.26550
578645.01	4141256.41	0.31680	578665.01	4141256.41	0.38112
578685.01	4141256.41	0.45912	578705.01	4141256.41	0.55556
578725.01	4141256.41	0.67139	578745.01	4141256.41	0.81307
578765.01	4141256.41	0.98859	578785.01	4141256.41	1.20718
578805.01	4141256.41	1.47717	578965.01	4141256.41	4.54286
578985.01	4141256.41	4.62230	579005.01	4141256.41	4.55562
579025.01	4141256.41	4.34007	579045.01	4141256.41	4.03233
579065.01	4141256.41	3.66539	579085.01	4141256.41	3.27936
579105.01	4141256.41	2.88521	579125.01	4141256.41	2.51760
579145.01	4141256.41	2.18710	579165.01	4141256.41	1.89846
579185.01	4141256.41	1.65030	579205.01	4141256.41	1.43679
579225.01	4141256.41	1.25518	579245.01		

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4141256.41        1.10014
         579265.01    4141256.41        0.96676                        578385.01
4141276.41        0.04873
         578405.01    4141276.41        0.05254                        578425.01
4141276.41        0.05867
         578445.01    4141276.41        0.06730                        578465.01
4141276.41        0.07597
         578485.01    4141276.41        0.08651                        578505.01
4141276.41        0.09929
         578525.01    4141276.41        0.11500                        578545.01
4141276.41        0.13394
         578565.01    4141276.41        0.15719                        578585.01
4141276.41        0.18654
         578605.01    4141276.41        0.22221                        578625.01
4141276.41        0.26641
         578645.01    4141276.41        0.31964                        578665.01
4141276.41        0.38645
         578685.01    4141276.41        0.46944                        578705.01
4141276.41        0.57280
         578725.01    4141276.41        0.70180                        578745.01
4141276.41        0.85764
         578765.01    4141276.41        1.05480                        578785.01
4141276.41        1.30030
         578985.01    4141276.41        5.14998                        579005.01
4141276.41        5.01430
         579025.01    4141276.41        4.72955                        579045.01
4141276.41        4.33093
         579065.01    4141276.41        3.88552                        579085.01
4141276.41        3.41416
         579105.01    4141276.41        2.96938                        579125.01
4141276.41        2.56360
         579145.01    4141276.41        2.20975                        579165.01
4141276.41        1.90272
         579185.01    4141276.41        1.64144                        579205.01
4141276.41        1.42101
         579225.01    4141276.41        1.23550                        579245.01
4141276.41        1.07835
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 416
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP17  ***
                                   INCLUDING SOURCE(S):     DEMO3_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	0.94737	578385.01	4141296.41	0.04669
578405.01	4141296.41	0.05332	578425.01	4141296.41	0.05885
578445.01	4141296.41	0.06598	578465.01	4141296.41	0.07464
578485.01	4141296.41	0.08498	578505.01	4141296.41	0.09741
578525.01	4141296.41	0.11269	578545.01	4141296.41	0.13140
578565.01	4141296.41	0.15453	578585.01	4141296.41	0.18344
578605.01	4141296.41	0.21979	578625.01	4141296.41	0.26536
578645.01	4141296.41	0.32187	578665.01	4141296.41	0.39093
578685.01	4141296.41	0.47883	578705.01	4141296.41	0.58980
578725.01	4141296.41	0.72939	578745.01	4141296.41	0.90534
579005.01	4141296.41	5.52770	579025.01	4141296.41	5.13934
579045.01	4141296.41	4.63847	579065.01	4141296.41	4.08237
579085.01	4141296.41	3.54049	579105.01	4141296.41	3.04439
579125.01	4141296.41	2.60058	579145.01	4141296.41	2.21430
579165.01	4141296.41	1.89482	579185.01	4141296.41	1.62275
579205.01	4141296.41	1.39725	579225.01	4141296.41	1.20996
579245.01	4141296.41	1.05206	579265.01	4141296.41	0.92318
579285.01	4141296.41	0.81438	578385.01	4141316.41	0.04617
578405.01	4141316.41	0.05098	578425.01	4141316.41	0.05858
578445.01	4141316.41	0.06504	578465.01	4141316.41	0.07310
578485.01	4141316.41	0.08319	578505.01		

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4141316.41        0.09551
         578525.01    4141316.41        0.11048                        578545.01
4141316.41        0.12879
         578565.01    4141316.41        0.15171                        578585.01
4141316.41        0.18042
         578605.01    4141316.41        0.21700                        578625.01
4141316.41        0.26314
         578645.01    4141316.41        0.32196                        578665.01
4141316.41        0.39506
         578685.01    4141316.41        0.48732                        578705.01
4141316.41        0.60555
         578725.01    4141316.41        0.75710                        579025.01
4141316.41        5.56569
         579045.01    4141316.41        4.93448                        579065.01
4141316.41        4.27739
         579085.01    4141316.41        3.65908                        579105.01
4141316.41        3.10534
         579125.01    4141316.41        2.61937                        579145.01
4141316.41        2.20853
         579165.01    4141316.41        1.87384                        579185.01
4141316.41        1.59669
         579205.01    4141316.41        1.36684                        579225.01
4141316.41        1.17932
         579245.01    4141316.41        1.02663                        579265.01
4141316.41        0.90025
         579285.01    4141316.41        0.79353                        578385.01
4141336.41        0.04695
         578405.01    4141336.41        0.05045                        578425.01
4141336.41        0.05719
         578445.01    4141336.41        0.06417                        578465.01
4141336.41        0.07279
         578485.01    4141336.41        0.08163                        578505.01
4141336.41        0.09335
         578525.01    4141336.41        0.10805                        578545.01
4141336.41        0.12631
         578565.01    4141336.41        0.14861                        578585.01
4141336.41        0.17694
         578605.01    4141336.41        0.21335                        578625.01
4141336.41        0.26016
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 417
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP17  ***
                                    INCLUDING SOURCE(S):     DEMO3_1     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.31922	578665.01	4141336.41	0.39687
578685.01	4141336.41	0.49394	578705.01	4141336.41	0.62066
579025.01	4141336.41	6.01799	579045.01	4141336.41	5.23382
579065.01	4141336.41	4.46275	579085.01	4141336.41	3.75813
579105.01	4141336.41	3.14121	579125.01	4141336.41	2.62060
579145.01	4141336.41	2.19395	579165.01	4141336.41	1.84359
579185.01	4141336.41	1.56245	579205.01	4141336.41	1.33117
579225.01	4141336.41	1.15031	579245.01	4141336.41	0.99987
579265.01	4141336.41	0.87571	579285.01	4141336.41	0.77262
578385.01	4141356.41	0.04690	578405.01	4141356.41	0.05149
578425.01	4141356.41	0.05694	578445.01	4141356.41	0.06330
578465.01	4141356.41	0.07100	578485.01	4141356.41	0.08113
578505.01	4141356.41	0.09240	578525.01	4141356.41	0.10572
578545.01	4141356.41	0.12342	578565.01	4141356.41	0.14575
578585.01	4141356.41	0.17337	578605.01	4141356.41	0.20941
578625.01	4141356.41	0.25577	578645.01	4141356.41	0.31579
578665.01	4141356.41	0.39496	578685.01	4141356.41	0.49858
579025.01	4141356.41	6.49412	579045.01	4141356.41	5.53076
579065.01	4141356.41	4.62239	579085.01	4141356.41	3.82371
579105.01	4141356.41	3.14954	579125.01		

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4141356.41        2.59962
         579145.01    4141356.41        2.15653                       579165.01
4141356.41        1.80030
         579185.01    4141356.41        1.51977                       579205.01
4141356.41        1.29568
         579225.01    4141356.41        1.11626                       579245.01
4141356.41        0.97007
         579265.01    4141356.41        0.85080                       579285.01
4141356.41        0.75099
         579305.01    4141356.41        0.66803                       578385.01
4141376.41        0.04706
         578405.01    4141376.41        0.05158                       578425.01
4141376.41        0.05682
         578445.01    4141376.41        0.06310                       578465.01
4141376.41        0.07044
         578485.01    4141376.41        0.07919                       578505.01
4141376.41        0.09040
         578525.01    4141376.41        0.10480                       578545.01
4141376.41        0.12063
         578565.01    4141376.41        0.14242                       578585.01
4141376.41        0.17001
         578605.01    4141376.41        0.20534                       578625.01
4141376.41        0.25117
         578645.01    4141376.41        0.31140                       578665.01
4141376.41        0.39198
         578685.01    4141376.41        0.49972                       579005.01
4141376.41        8.15650
         579025.01    4141376.41        6.95866                       579045.01
4141376.41        5.78331
         579065.01    4141376.41        4.73662                       579085.01
4141376.41        3.85187
         579105.01    4141376.41        3.12288                       579125.01
4141376.41        2.54744
         579145.01    4141376.41        2.09850                       579165.01
4141376.41        1.74849
         579185.01    4141376.41        1.47311                       579205.01
4141376.41        1.25471
         579225.01    4141376.41        1.08082                       579245.01
4141376.41        0.94051
         579265.01    4141376.41        0.82475                       579285.01
4141376.41        0.73025
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 418
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.65174	578385.01	4141396.41	0.04750
578405.01	4141396.41	0.05179	578425.01	4141396.41	0.05675
578445.01	4141396.41	0.06277	578465.01	4141396.41	0.07017
578485.01	4141396.41	0.07885	578505.01	4141396.41	0.08910
578525.01	4141396.41	0.10286	578545.01	4141396.41	0.11843
578565.01	4141396.41	0.13893	578585.01	4141396.41	0.16547
578605.01	4141396.41	0.20010	578625.01	4141396.41	0.24571
578645.01	4141396.41	0.30615	578665.01	4141396.41	0.38693
579005.01	4141396.41	8.91519	579025.01	4141396.41	7.38974
579045.01	4141396.41	5.98001	579065.01	4141396.41	4.78406
579085.01	4141396.41	3.81919	579105.01	4141396.41	3.06091
579125.01	4141396.41	2.48195	579145.01	4141396.41	2.03559
579165.01	4141396.41	1.68973	579185.01	4141396.41	1.42172
579205.01	4141396.41	1.21239	579225.01	4141396.41	1.04516
579245.01	4141396.41	0.91053	579265.01	4141396.41	0.80085
579285.01	4141396.41	0.71116	579305.01	4141396.41	0.63637
578385.01	4141416.41	0.04805	578405.01	4141416.41	0.05222
578425.01	4141416.41	0.05716	578445.01	4141416.41	0.06305
578465.01	4141416.41	0.07005	578485.01		

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4141416.41        0.07856
         578505.01    4141416.41        0.08853                    578525.01
4141416.41        0.10106
         578545.01    4141416.41        0.11672                    578565.01
4141416.41        0.13598
         578585.01    4141416.41        0.16135                    578605.01
4141416.41        0.19456
         578625.01    4141416.41        0.23882                    578645.01
4141416.41        0.29813
         578665.01    4141416.41        0.37943                    579025.01
4141416.41        7.76565
         579045.01    4141416.41        6.11140                    579065.01
4141416.41        4.77662
         579085.01    4141416.41        3.75745                    579105.01
4141416.41        2.98050
         579125.01    4141416.41        2.40078                    579145.01
4141416.41        1.96047
         579165.01    4141416.41        1.62562                    579185.01
4141416.41        1.36814
         579205.01    4141416.41        1.16731                    579225.01
4141416.41        1.00927
         579245.01    4141416.41        0.88168                    579265.01
4141416.41        0.77856
         579285.01    4141416.41        0.69254                    579305.01
4141416.41        0.62223
         578385.01    4141436.41        0.04887                    578405.01
4141436.41        0.05304
         578425.01    4141436.41        0.05792                    578445.01
4141436.41        0.06379
         578465.01    4141436.41        0.07065                    578485.01
4141436.41        0.07887
         578505.01    4141436.41        0.08839                    578525.01
4141436.41        0.10065
         578545.01    4141436.41        0.11543                    578565.01
4141436.41        0.13391
         578585.01    4141436.41        0.15835                    578605.01
4141436.41        0.19004
         578625.01    4141436.41        0.23239                    578645.01
4141436.41        0.28991
         579025.01    4141436.41        8.04710                    579045.01
4141436.41        6.16661
         579065.01    4141436.41        4.72255                    579085.01
4141436.41        3.66088
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                  PAGE 419
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	2.87621	579125.01	4141436.41	2.30421
579145.01	4141436.41	1.88010	579165.01	4141436.41	1.55969
579185.01	4141436.41	1.31510	579205.01	4141436.41	1.12563
579225.01	4141436.41	0.97630	579245.01	4141436.41	0.85625
579265.01	4141436.41	0.75775	579285.01	4141436.41	0.67675
579305.01	4141436.41	0.60902	579325.01	4141436.41	0.55097
578385.01	4141456.41	0.05002	578405.01	4141456.41	0.05417
578425.01	4141456.41	0.05899	578445.01	4141456.41	0.06474
578465.01	4141456.41	0.07147	578485.01	4141456.41	0.07961
578505.01	4141456.41	0.08879	578525.01	4141456.41	0.10108
578545.01	4141456.41	0.11485	578565.01	4141456.41	0.13312
578585.01	4141456.41	0.15671	578605.01	4141456.41	0.18680
578625.01	4141456.41	0.22705	578645.01	4141456.41	0.28227
579045.01	4141456.41	6.11780	579065.01	4141456.41	4.60589
579085.01	4141456.41	3.51544	579105.01	4141456.41	2.74492
579125.01	4141456.41	2.19649	579145.01	4141456.41	1.79617
579165.01	4141456.41	1.49447	579185.01	4141456.41	1.26522
579205.01	4141456.41	1.08728	579225.01		

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4141456.41        0.94699
         579245.01    4141456.41        0.83240                    579265.01
4141456.41        0.73901
         578385.01    4141476.41        0.05132                    578405.01
4141476.41        0.05556
         578425.01    4141476.41        0.06044                    578445.01
4141476.41        0.06603
         578465.01    4141476.41        0.07273                    578485.01
4141476.41        0.08088
         578505.01    4141476.41        0.09011                    578525.01
4141476.41        0.10241
         578545.01    4141476.41        0.11527                    578565.01
4141476.41        0.13283
         578585.01    4141476.41        0.15525                    578605.01
4141476.41        0.18436
         578625.01    4141476.41        0.22289                    578645.01
4141476.41        0.27593
         579065.01    4141476.41        4.40004                    579085.01
4141476.41        3.34097
         579105.01    4141476.41        2.60130                    579125.01
4141476.41        2.08253
         579145.01    4141476.41        1.71046                    579165.01
4141476.41        1.43317
         579185.01    4141476.41        1.21700                    579205.01
4141476.41        1.05005
         579225.01    4141476.41        0.91778                    578385.01
4141496.41        0.05273
         578405.01    4141496.41        0.05712                    578425.01
4141496.41        0.06208
         578445.01    4141496.41        0.06778                    578465.01
4141496.41        0.07451
         578485.01    4141496.41        0.08265                    578505.01
4141496.41        0.09187
         578525.01    4141496.41        0.10424                    578545.01
4141496.41        0.11688
         578565.01    4141496.41        0.13367                    578585.01
4141496.41        0.15515
         578605.01    4141496.41        0.18281                    578625.01
4141496.41        0.21931
         578645.01    4141496.41        0.27035                    579085.01
4141496.41        3.14275
         579105.01    4141496.41        2.45757                    579125.01
4141496.41        1.97494
         579145.01    4141496.41        1.62994                    579165.01
4141496.41        1.37300
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	1.17269	579205.01	4141496.41	1.01543
578385.01	4141516.41	0.05400	578405.01	4141516.41	0.05864
578425.01	4141516.41	0.06387	578445.01	4141516.41	0.06971
578465.01	4141516.41	0.07659	578485.01	4141516.41	0.08478
578505.01	4141516.41	0.09415	578525.01	4141516.41	0.10681
578545.01	4141516.41	0.11923	578565.01	4141516.41	0.13615
578585.01	4141516.41	0.15701	578605.01	4141516.41	0.18367
578625.01	4141516.41	0.21886	578645.01	4141516.41	0.26736
579085.01	4141516.41	2.93354	579105.01	4141516.41	2.31540
579125.01	4141516.41	1.87465	579145.01	4141516.41	1.55497
579165.01	4141516.41	1.31505	578385.01	4141536.41	0.05539
578405.01	4141536.41	0.06007	578425.01	4141536.41	0.06551
578445.01	4141536.41	0.07178	578465.01	4141536.41	0.07887
578485.01	4141536.41	0.08723	578505.01	4141536.41	0.09681
578525.01	4141536.41	0.11014	578545.01	4141536.41	0.12227
578565.01	4141536.41	0.13959	578585.01	4141536.41	0.16063
578605.01	4141536.41	0.18685	578625.01		

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4141536.41        0.22143
         578645.01    4141536.41        0.26726                    578665.01
4141536.41        0.33061
         579105.01    4141536.41        2.17404                    579125.01
4141536.41        1.77454
         579185.01    4141536.41        1.07879                    578385.01
4141556.41        0.05681
         578405.01    4141556.41        0.06164                    578425.01
4141556.41        0.06717
         578445.01    4141556.41        0.07362                    578465.01
4141556.41        0.08113
         578485.01    4141556.41        0.08973                    578505.01
4141556.41        0.09974
         578525.01    4141556.41        0.11290                    578545.01
4141556.41        0.12580
         578565.01    4141556.41        0.14336                    578585.01
4141556.41        0.16477
         578605.01    4141556.41        0.19185                    578625.01
4141556.41        0.22613
         578645.01    4141556.41        0.27102                    578665.01
4141556.41        0.33142
         578685.01    4141556.41        0.41689                    579165.01
4141556.41        1.18890
         579185.01    4141556.41        1.02368                    579205.01
4141556.41        0.89070
         578385.01    4141576.41        0.05828                    578405.01
4141576.41        0.06326
         578425.01    4141576.41        0.06901                    578445.01
4141576.41        0.07566
         578465.01    4141576.41        0.08326                    578485.01
4141576.41        0.09219
         578505.01    4141576.41        0.10285                    578525.01
4141576.41        0.11637
         578545.01    4141576.41        0.13038                    578565.01
4141576.41        0.14836
         578585.01    4141576.41        0.17037                    578605.01
4141576.41        0.19787
         578625.01    4141576.41        0.23298                    578645.01
4141576.41        0.27930
         578665.01    4141576.41        0.33974                    578685.01
4141576.41        0.42275
         578705.01    4141576.41        0.54399                    579145.01
4141576.41        1.30628
         579165.01    4141576.41        1.11266                    579185.01
4141576.41        0.95949
         579205.01    4141576.41        0.83576                    579225.01
4141576.41        0.73447
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.65042	579265.01	4141576.41	0.58009
578385.01	4141596.41	0.05976	578405.01	4141596.41	0.06507
578425.01	4141596.41	0.07097	578445.01	4141596.41	0.07791
578465.01	4141596.41	0.08586	578485.01	4141596.41	0.09517
578505.01	4141596.41	0.10653	578525.01	4141596.41	0.12039
578545.01	4141596.41	0.13550	578565.01	4141596.41	0.15483
578585.01	4141596.41	0.17802	578605.01	4141596.41	0.20663
578625.01	4141596.41	0.24308	578645.01	4141596.41	0.29051
578665.01	4141596.41	0.35441	578685.01	4141596.41	0.44119
578705.01	4141596.41	0.56117	578725.01	4141596.41	0.74809
578745.01	4141596.41	1.06094	579105.01	4141596.41	1.71446
579145.01	4141596.41	1.19893	579165.01	4141596.41	1.02462
579185.01	4141596.41	0.88584	579205.01	4141596.41	0.77350
579225.01	4141596.41	0.68126	579245.01	4141596.41	0.60459
579265.01	4141596.41	0.54016	579285.01	4141596.41	0.48445
579305.01	4141596.41	0.43850	579325.01		

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4141596.41        0.39834
         579345.01    4141596.41        0.36347                    578385.01
4141616.41        0.06123
         578405.01    4141616.41        0.06685                    578425.01
4141616.41        0.07323
         578445.01    4141616.41        0.08048                    578465.01
4141616.41        0.08887
         578485.01    4141616.41        0.09871                    578505.01
4141616.41        0.11060
         578525.01    4141616.41        0.12573                    578545.01
4141616.41        0.14137
         578565.01    4141616.41        0.16222                    578585.01
4141616.41        0.18715
         578605.01    4141616.41        0.21824                    578625.01
4141616.41        0.25773
         578645.01    4141616.41        0.30790                    578665.01
4141616.41        0.37577
         578685.01    4141616.41        0.47030                    578705.01
4141616.41        0.60477
         578725.01    4141616.41        0.80202                    578745.01
4141616.41        1.12227
         579065.01    4141616.41        2.31651                    579085.01
4141616.41        1.85693
         579105.01    4141616.41        1.52263                    579125.01
4141616.41        1.27174
         579165.01    4141616.41        0.92647                    579185.01
4141616.41        0.80450
         579205.01    4141616.41        0.70526                    579225.01
4141616.41        0.62350
         579245.01    4141616.41        0.55515                    579265.01
4141616.41        0.49749
         579285.01    4141616.41        0.44663                    579305.01
4141616.41        0.40513
         579325.01    4141616.41        0.36939                    579345.01
4141616.41        0.33806
         578385.01    4141636.41        0.06294                    578405.01
4141636.41        0.06880
         578425.01    4141636.41        0.07553                    578445.01
4141636.41        0.08332
         578465.01    4141636.41        0.09237                    578485.01
4141636.41        0.10276
         578505.01    4141636.41        0.11534                    578525.01
4141636.41        0.13068
         578545.01    4141636.41        0.14839                    578565.01
4141636.41        0.17066
         578585.01    4141636.41        0.19872                    578605.01
4141636.41        0.23322
         578625.01    4141636.41        0.27654                    578645.01
4141636.41        0.33360
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	0.40964	578685.01	4141636.41	0.51772
578705.01	4141636.41	0.67443	578725.01	4141636.41	0.90273
579045.01	4141636.41	2.44211	579065.01	4141636.41	1.94265
579085.01	4141636.41	1.58298	579105.01	4141636.41	1.31486
579125.01	4141636.41	1.11000	579165.01	4141636.41	0.82180
579185.01	4141636.41	0.71884	579205.01	4141636.41	0.63388
579225.01	4141636.41	0.56322	579245.01	4141636.41	0.50379
579265.01	4141636.41	0.45334	579285.01	4141636.41	0.40918
579305.01	4141636.41	0.37216	579325.01	4141636.41	0.33994
579345.01	4141636.41	0.31201	578385.01	4141656.41	0.06501
578405.01	4141656.41	0.07122	578425.01	4141656.41	0.07820
578445.01	4141656.41	0.08645	578465.01	4141656.41	0.09641
578485.01	4141656.41	0.10772	578505.01	4141656.41	0.12193
578525.01	4141656.41	0.13778	578545.01	4141656.41	0.15738
578565.01	4141656.41	0.18188	578585.01		

4141656.41 0.21260
578605.01 4141656.41 0.25166 578625.01
4141656.41 0.30307
578645.01 4141656.41 0.36914 578665.01
4141656.41 0.45890
578685.01 4141656.41 0.59164 578705.01
4141656.41 0.77506
578725.01 4141656.41 1.05988 579005.01
4141656.41 3.06877
579025.01 4141656.41 2.39578 579045.01
4141656.41 1.91926
579065.01 4141656.41 1.57079 579085.01
4141656.41 1.30776
579105.01 4141656.41 1.10559 579125.01
4141656.41 0.94657
579145.01 4141656.41 0.81973 579185.01
4141656.41 0.63244
579205.01 4141656.41 0.56192 579225.01
4141656.41 0.50261
579245.01 4141656.41 0.45217 579265.01
4141656.41 0.40869
579285.01 4141656.41 0.37115 579305.01
4141656.41 0.33931
579325.01 4141656.41 0.31053 579345.01
4141656.41 0.28560
578385.01 4141676.41 0.06749 578405.01
4141676.41 0.07397
578425.01 4141676.41 0.08145 578445.01
4141676.41 0.09036
578465.01 4141676.41 0.10121 578485.01
4141676.41 0.11364
578505.01 4141676.41 0.12941 578525.01
4141676.41 0.14721
578545.01 4141676.41 0.16929 578565.01
4141676.41 0.19688
578585.01 4141676.41 0.23191 578605.01
4141676.41 0.27656
578625.01 4141676.41 0.33605 578645.01
4141676.41 0.41728
578665.01 4141676.41 0.52917 578685.01
4141676.41 0.68312
578705.01 4141676.41 0.91209 578985.01
4141676.41 2.68890
579005.01 4141676.41 2.15120 579025.01
4141676.41 1.76097
579045.01 4141676.41 1.46427 579065.01
4141676.41 1.23486
579085.01 4141676.41 1.05421 579105.01
4141676.41 0.90959
579125.01 4141676.41 0.79239 579145.01

4141676.41 0.69608

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.61580	579185.01	4141676.41	0.54875
579205.01	4141676.41	0.49214	579225.01	4141676.41	0.44370
579245.01	4141676.41	0.40192	579265.01	4141676.41	0.36583
579285.01	4141676.41	0.33444	579305.01	4141676.41	0.30615
579325.01	4141676.41	0.28229	579345.01	4141676.41	0.26105
578385.01	4141696.41	0.07034	578405.01	4141696.41	0.07731
578425.01	4141696.41	0.08568	578445.01	4141696.41	0.09579
578465.01	4141696.41	0.10739	578485.01	4141696.41	0.12101
578505.01	4141696.41	0.13848	578525.01	4141696.41	0.15938
578565.01	4141696.41	0.21639	578585.01	4141696.41	0.25712
578605.01	4141696.41	0.30999	578625.01	4141696.41	0.37971
578645.01	4141696.41	0.47763	578665.01	4141696.41	0.61157
578685.01	4141696.41	0.79874	578945.01	4141696.41	2.99937
578965.01	4141696.41	2.28766	578985.01		

4141696.41 1.83708
579005.01 4141696.41 1.51928 579025.01
4141696.41 1.28504
579045.01 4141696.41 1.10321 579065.01
4141696.41 0.95708
579085.01 4141696.41 0.83706 579105.01
4141696.41 0.73741
579125.01 4141696.41 0.65404 579145.01
4141696.41 0.58332
579165.01 4141696.41 0.52301 579185.01
4141696.41 0.47113
579205.01 4141696.41 0.42681 579225.01
4141696.41 0.38816
579245.01 4141696.41 0.35446 579265.01
4141696.41 0.32479
579285.01 4141696.41 0.29869 579305.01
4141696.41 0.27535
579325.01 4141696.41 0.25505 579345.01
4141696.41 0.23666
578385.01 4141716.41 0.07383 578405.01
4141716.41 0.08164
578425.01 4141716.41 0.09108 578445.01
4141716.41 0.10218
578465.01 4141716.41 0.11482 578485.01
4141716.41 0.13021
578505.01 4141716.41 0.15029 578525.01
4141716.41 0.17510
578605.01 4141716.41 0.35068 578625.01
4141716.41 0.43513
578645.01 4141716.41 0.55089 578665.01
4141716.41 0.70624
578685.01 4141716.41 0.92921 578905.01
4141716.41 3.55149
578925.01 4141716.41 2.58735 578945.01
4141716.41 1.97547
578965.01 4141716.41 1.57153 578985.01
4141716.41 1.29479
579005.01 4141716.41 1.09787 579025.01
4141716.41 0.95094
579045.01 4141716.41 0.83555 579065.01
4141716.41 0.74120
579085.01 4141716.41 0.66193 579105.01
4141716.41 0.59383
579125.01 4141716.41 0.53566 579145.01
4141716.41 0.48500
579165.01 4141716.41 0.44053 579185.01
4141716.41 0.40151
579205.01 4141716.41 0.36744 579225.01
4141716.41 0.33725
579245.01 4141716.41 0.31016 579265.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.22887	579345.01	4141716.41	0.21361
578385.01	4141736.41	0.07811	578405.01	4141736.41	0.08708
578425.01	4141736.41	0.09756	578445.01	4141736.41	0.10954
578465.01	4141736.41	0.12382	578485.01	4141736.41	0.14161
578505.01	4141736.41	0.16707	578625.01	4141736.41	0.49781
578645.01	4141736.41	0.62701	578665.01	4141736.41	0.80473
578865.01	4141736.41	4.26896	578885.01	4141736.41	3.19165
578905.01	4141736.41	2.35105	578925.01	4141736.41	1.77292
578945.01	4141736.41	1.39385	578965.01	4141736.41	1.13620
578985.01	4141736.41	0.95387	579005.01	4141736.41	0.82142
579025.01	4141736.41	0.72191	579045.01	4141736.41	0.64384
579065.01	4141736.41	0.58002	579085.01	4141736.41	0.52603
579105.01	4141736.41	0.47903	579125.01		

4141736.41 0.43829
579145.01 4141736.41 0.40210 579165.01
4141736.41 0.36973
579185.01 4141736.41 0.34070 579205.01
4141736.41 0.31490
579225.01 4141736.41 0.29167 579245.01
4141736.41 0.27070
579265.01 4141736.41 0.25173 579285.01
4141736.41 0.23458
579305.01 4141736.41 0.21903 579325.01
4141736.41 0.20490
579345.01 4141736.41 0.19198 578385.01
4141756.41 0.08367
578405.01 4141756.41 0.09359 578425.01
4141756.41 0.10516
578445.01 4141756.41 0.11888 578465.01
4141756.41 0.13527
578485.01 4141756.41 0.15749 578845.01
4141756.41 3.59379
578865.01 4141756.41 2.86013 578885.01
4141756.41 2.19301
578905.01 4141756.41 1.67314 578925.01
4141756.41 1.30386
578945.01 4141756.41 1.04834 578965.01
4141756.41 0.86712
578985.01 4141756.41 0.73569 579005.01
4141756.41 0.63862
579025.01 4141756.41 0.56543 579045.01
4141756.41 0.50838
579065.01 4141756.41 0.46213 579085.01
4141756.41 0.42334
579105.01 4141756.41 0.38969 579125.01
4141756.41 0.36047
579145.01 4141756.41 0.33425 579165.01
4141756.41 0.31053
579185.01 4141756.41 0.28892 579205.01
4141756.41 0.26949
579225.01 4141756.41 0.25169 579245.01
4141756.41 0.23538
579265.01 4141756.41 0.22048 579285.01
4141756.41 0.20683
579305.01 4141756.41 0.19429 579325.01
4141756.41 0.18272
579345.01 4141756.41 0.17210 578385.01
4141776.41 0.08998
578405.01 4141776.41 0.10121 578425.01
4141776.41 0.11382
578445.01 4141776.41 0.12918 578465.01
4141776.41 0.14860
578485.01 4141776.41 0.17426 578825.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	1.00602	578945.01	4141776.41	0.82503
578965.01	4141776.41	0.69117	578985.01	4141776.41	0.59055
579005.01	4141776.41	0.51475	579025.01	4141776.41	0.45711
579045.01	4141776.41	0.41236	579065.01	4141776.41	0.37644
579085.01	4141776.41	0.34676	579105.01	4141776.41	0.32136
579125.01	4141776.41	0.29946	579145.01	4141776.41	0.27982
579165.01	4141776.41	0.26204	579185.01	4141776.41	0.24575
579205.01	4141776.41	0.23097	579225.01	4141776.41	0.21730
579245.01	4141776.41	0.20461	579265.01	4141776.41	0.19295
579285.01	4141776.41	0.18211	579305.01	4141776.41	0.17197
579325.01	4141776.41	0.16270	579345.01	4141776.41	0.15401
578405.01	4141796.41	0.10957	578425.01		

4141796.41 0.12393
578445.01 4141796.41 0.14146 578465.01
4141796.41 0.16541
578805.01 4141796.41 2.38244 578825.01
4141796.41 2.14036
578845.01 4141796.41 1.80588 578865.01
4141796.41 1.48273
578885.01 4141796.41 1.20037 578905.01
4141796.41 0.97560
578925.01 4141796.41 0.80214 578945.01
4141796.41 0.67045
578965.01 4141796.41 0.56817 578985.01
4141796.41 0.48878
579005.01 4141796.41 0.42756 579025.01
4141796.41 0.38009
579045.01 4141796.41 0.34330 579065.01
4141796.41 0.31386
579085.01 4141796.41 0.28973 579105.01
4141796.41 0.26941
579125.01 4141796.41 0.25207 579145.01
4141796.41 0.23671
579165.01 4141796.41 0.22289 579185.01
4141796.41 0.21031
579205.01 4141796.41 0.19885 579225.01
4141796.41 0.18819
579245.01 4141796.41 0.17834 579265.01
4141796.41 0.16903
579285.01 4141796.41 0.16048 579305.01
4141796.41 0.15238
579325.01 4141796.41 0.14486 579345.01
4141796.41 0.13779
578445.01 4141816.41 0.15646 578585.01
4141816.41 0.48586
578605.01 4141816.41 0.58593 578665.01
4141816.41 1.02967
578685.01 4141816.41 1.22896 578785.01
4141816.41 1.95049
578805.01 4141816.41 1.82919 578825.01
4141816.41 1.61289
578845.01 4141816.41 1.36317 578865.01
4141816.41 1.13591
578885.01 4141816.41 0.93791 578905.01
4141816.41 0.78086
578925.01 4141816.41 0.65551 578945.01
4141816.41 0.55667
578965.01 4141816.41 0.47725 578985.01
4141816.41 0.41386
579005.01 4141816.41 0.36353 579025.01
4141816.41 0.32377
579045.01 4141816.41 0.29234 579065.01

4141816.41 0.26724
  579085.01 4141816.41 0.24678 579105.01 4141816.41 0.22980
  579125.01 4141816.41 0.21537 579145.01 4141816.41 0.20277
  579165.01 4141816.41 0.19159 579185.01 4141816.41 0.18148

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.17233	579225.01	4141816.41	0.16384
579245.01	4141816.41	0.15600	579265.01	4141816.41	0.14838
579285.01	4141816.41	0.14169	579305.01	4141816.41	0.13518
579325.01	4141816.41	0.12906	579345.01	4141816.41	0.12329
578565.01	4141836.41	0.43451	578585.01	4141836.41	0.51491
578605.01	4141836.41	0.61481	578625.01	4141836.41	0.73032
578645.01	4141836.41	0.86311	578665.01	4141836.41	1.01451
578685.01	4141836.41	1.17574	578705.01	4141836.41	1.33649
578725.01	4141836.41	1.48095	578765.01	4141836.41	1.61142
578785.01	4141836.41	1.55709	578805.01	4141836.41	1.42639
578825.01	4141836.41	1.24809	578845.01		

4141836.41 1.06311
578865.01 4141836.41 0.89400 578885.01
4141836.41 0.75381
578905.01 4141836.41 0.63915 578925.01
4141836.41 0.54594
578945.01 4141836.41 0.46996 578965.01
4141836.41 0.40743
578985.01 4141836.41 0.35609 579005.01
4141836.41 0.31447
579025.01 4141836.41 0.28083 579045.01
4141836.41 0.25379
579065.01 4141836.41 0.23192 579085.01
4141836.41 0.21403
579105.01 4141836.41 0.19926 579125.01
4141836.41 0.18680
579145.01 4141836.41 0.17602 579165.01
4141836.41 0.16658
579185.01 4141836.41 0.15817 579205.01
4141836.41 0.15059
579225.01 4141836.41 0.14363 579245.01
4141836.41 0.13721
579265.01 4141836.41 0.13121 579285.01
4141836.41 0.12557
579305.01 4141836.41 0.12025 579325.01
4141836.41 0.11523
579345.01 4141836.41 0.11046 578565.01
4141856.41 0.45807
578585.01 4141856.41 0.53713 578605.01
4141856.41 0.62953
578625.01 4141856.41 0.73461 578645.01
4141856.41 0.85077
578665.01 4141856.41 0.97485 578685.01
4141856.41 1.09886
578705.01 4141856.41 1.21214 578725.01
4141856.41 1.29976
578745.01 4141856.41 1.34247 578765.01
4141856.41 1.32874
578785.01 4141856.41 1.25576 578805.01
4141856.41 1.13429
578825.01 4141856.41 0.98833 578845.01
4141856.41 0.84873
578865.01 4141856.41 0.72250 578885.01
4141856.41 0.61875
578905.01 4141856.41 0.53281 578925.01
4141856.41 0.46201
578945.01 4141856.41 0.40241 578965.01
4141856.41 0.35224
578985.01 4141856.41 0.31034 579005.01
4141856.41 0.27554
579025.01 4141856.41 0.24686 579045.01

4141856.41 0.22345
579065.01 4141856.41 0.20425 579085.01
4141856.41 0.18841
579105.01 4141856.41 0.17531 579125.01
4141856.41 0.16426
579145.01 4141856.41 0.15478 579165.01
4141856.41 0.14654
579185.01 4141856.41 0.13931 579205.01
4141856.41 0.13283

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.12691	579245.01	4141856.41	0.12153
579265.01	4141856.41	0.11651	579285.01	4141856.41	0.11178
579305.01	4141856.41	0.10736	579325.01	4141856.41	0.10317
579345.01	4141856.41	0.09928	578545.01	4141876.41	0.40787
578565.01	4141876.41	0.47355	578585.01	4141876.41	0.54787
578605.01	4141876.41	0.63172	578625.01	4141876.41	0.72369
578645.01	4141876.41	0.82116	578665.01	4141876.41	0.91920
578685.01	4141876.41	1.01019	578705.01	4141876.41	1.08481
578725.01	4141876.41	1.12997	578745.01	4141876.41	1.13618
578765.01	4141876.41	1.09859	578785.01		

4141876.41 1.02038
578805.01 4141876.41 0.91480 578825.01
4141876.41 0.79973
578845.01 4141876.41 0.69069 578865.01
4141876.41 0.59599
578885.01 4141876.41 0.51702 578905.01
4141876.41 0.45121
578925.01 4141876.41 0.39608 578945.01
4141876.41 0.34873
578965.01 4141876.41 0.30800 578985.01
4141876.41 0.27319
579005.01 4141876.41 0.24386 579025.01
4141876.41 0.21936
579045.01 4141876.41 0.19898 579065.01
4141876.41 0.18204
579085.01 4141876.41 0.16792 579105.01
4141876.41 0.15619
579125.01 4141876.41 0.14625 579145.01
4141876.41 0.13773
579165.01 4141876.41 0.13037 579185.01
4141876.41 0.12397
579205.01 4141876.41 0.11826 579225.01
4141876.41 0.11311
579245.01 4141876.41 0.10844 579265.01
4141876.41 0.10414
579285.01 4141876.41 0.10011 579305.01
4141876.41 0.09637
579325.01 4141876.41 0.09286 579345.01
4141876.41 0.08953
578545.01 4141896.41 0.41955 578565.01
4141896.41 0.48084
578585.01 4141896.41 0.54899 578605.01
4141896.41 0.62341
578625.01 4141896.41 0.70121 578645.01
4141896.41 0.77959
578665.01 4141896.41 0.85425 578685.01
4141896.41 0.91731
578705.01 4141896.41 0.96032 578725.01
4141896.41 0.97690
578745.01 4141896.41 0.96110 578765.01
4141896.41 0.91286
578785.01 4141896.41 0.83830 578805.01
4141896.41 0.74873
578825.01 4141896.41 0.65684 578845.01
4141896.41 0.57228
578865.01 4141896.41 0.49950 578885.01
4141896.41 0.43847
578905.01 4141896.41 0.38718 578925.01
4141896.41 0.34329
578945.01 4141896.41 0.30505 578965.01

4141896.41 0.27161
  578985.01 4141896.41 0.24264 579005.01
4141896.41 0.21776
  579025.01 4141896.41 0.19658 579045.01
4141896.41 0.17875
  579065.01 4141896.41 0.16379 579085.01
4141896.41 0.15117
  579105.01 4141896.41 0.14059 579125.01
4141896.41 0.13157
  579145.01 4141896.41 0.12384 579165.01
4141896.41 0.11716

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.11137	579205.01	4141896.41	0.10625
579225.01	4141896.41	0.10165	579245.01	4141896.41	0.09749
579265.01	4141896.41	0.09372	579285.01	4141896.41	0.09020
579305.01	4141896.41	0.08697	579325.01	4141896.41	0.08393
579345.01	4141896.41	0.08106	578565.01	4141916.41	0.48200
578585.01	4141916.41	0.54147	578605.01	4141916.41	0.60541
578625.01	4141916.41	0.66923	578645.01	4141916.41	0.73042
578665.01	4141916.41	0.78427	578685.01	4141916.41	0.82409
578705.01	4141916.41	0.84501	578725.01		

4141916.41 0.84250
578745.01 4141916.41 0.81465 578765.01
4141916.41 0.76382
578785.01 4141916.41 0.69641 578805.01
4141916.41 0.62111
578825.01 4141916.41 0.54782 578845.01
4141916.41 0.48153
578865.01 4141916.41 0.42466 578885.01
4141916.41 0.37665
578905.01 4141916.41 0.33577 578925.01
4141916.41 0.30028
578945.01 4141916.41 0.26903 578965.01
4141916.41 0.24133
578985.01 4141916.41 0.21698 579005.01
4141916.41 0.19573
579025.01 4141916.41 0.17747 579045.01
4141916.41 0.16182
579065.01 4141916.41 0.14849 579085.01
4141916.41 0.13719
579105.01 4141916.41 0.12762 579125.01
4141916.41 0.11940
579145.01 4141916.41 0.11234 579165.01
4141916.41 0.10622
579185.01 4141916.41 0.10093 578386.27
4141125.26 0.05407
578406.27 4141125.26 0.06017 578426.27
4141125.26 0.06702
578446.27 4141125.26 0.07504 578466.27
4141125.26 0.08485
578486.27 4141125.26 0.09614 578506.27
4141125.26 0.11136
578526.27 4141125.26 0.12638 578546.27
4141125.26 0.14387
578566.27 4141125.26 0.16410 578586.27
4141125.26 0.18787
578606.27 4141125.26 0.21594 578626.27
4141125.26 0.24721
578646.27 4141125.26 0.28406 578666.27
4141125.26 0.32751
578686.27 4141125.26 0.37674 578706.27
4141125.26 0.43400
578726.27 4141125.26 0.50178 578746.27
4141125.26 0.58327
578766.27 4141125.26 0.67823 578786.27
4141125.26 0.78853
578806.27 4141125.26 0.91888 578826.27
4141125.26 1.06411
578846.27 4141125.26 1.22725 578866.27
4141125.26 1.40878
578886.27 4141125.26 1.60620 578906.27

4141125.26 1.80963
  578926.27 4141125.26 2.00223 578946.27
4141125.26 2.17960
  578966.27 4141125.26 2.32930 578986.27
4141125.26 2.44128
  579006.27 4141125.26 2.50782 579026.27
4141125.26 2.52641
  579046.27 4141125.26 2.49330 579066.27
4141125.26 2.41212
  579086.27 4141125.26 2.29789 579106.27
4141125.26 2.16073
  579126.27 4141125.26 2.00875 579146.27
4141125.26 1.84716

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.68182	579186.27	4141125.26	1.52549
579206.27	4141125.26	1.38183	578386.27	4141145.26	0.05322
578406.27	4141145.26	0.05921	578426.27	4141145.26	0.06627
578446.27	4141145.26	0.07415	578466.27	4141145.26	0.08356
578486.27	4141145.26	0.09514	578506.27	4141145.26	0.11038
578526.27	4141145.26	0.12607	578546.27	4141145.26	0.14392
578566.27	4141145.26	0.16499	578586.27	4141145.26	0.18926
578606.27	4141145.26	0.21821	578626.27		

4141145.26 0.25224
578646.27 4141145.26 0.29130 578666.27
4141145.26 0.33594
578686.27 4141145.26 0.38896 578706.27
4141145.26 0.45144
578726.27 4141145.26 0.52707 578746.27
4141145.26 0.61497
578766.27 4141145.26 0.71780 578786.27
4141145.26 0.83912
578806.27 4141145.26 0.98226 578826.27
4141145.26 1.14662
578846.27 4141145.26 1.32748 578866.27
4141145.26 1.53289
578886.27 4141145.26 1.75304 578906.27
4141145.26 1.97943
578926.27 4141145.26 2.19941 578946.27
4141145.26 2.39452
578966.27 4141145.26 2.55488 578986.27
4141145.26 2.67094
579006.27 4141145.26 2.73173 579026.27
4141145.26 2.73172
579046.27 4141145.26 2.67412 579066.27
4141145.26 2.57174
579086.27 4141145.26 2.43685 579106.27
4141145.26 2.27112
579126.27 4141145.26 2.09540 579146.27
4141145.26 1.91059
579166.27 4141145.26 1.72902 579186.27
4141145.26 1.55647
579206.27 4141145.26 1.40082 578723.62
4141929.59 0.76566
578743.62 4141929.59 0.73502 578763.62
4141929.59 0.68598
578783.62 4141929.59 0.62442 578803.62
4141929.59 0.55800
578823.62 4141929.59 0.49403 578843.62
4141929.59 0.43655
578863.62 4141929.59 0.38725 578883.62
4141929.59 0.34539
578903.62 4141929.59 0.30960 578923.62
4141929.59 0.27826
578943.62 4141929.59 0.25044 578963.62
4141929.59 0.22564
578983.62 4141929.59 0.20365 579003.62
4141929.59 0.18430
579023.62 4141929.59 0.16748 579043.62
4141929.59 0.15298
579063.62 4141929.59 0.14052 579083.62
4141929.59 0.12986
579103.62 4141929.59 0.12075 579123.62

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.22992	578965.67	4141942.60	0.20800
578985.67	4141942.60	0.18846	579005.67	4141942.60	0.17118
579025.67	4141942.60	0.15604	579045.67	4141942.60	0.14289
579065.67	4141942.60	0.13152	579085.67	4141942.60	0.12174
579105.67	4141942.60	0.11331	579125.67	4141942.60	0.10605
579145.67	4141942.60	0.09978	579165.67	4141942.60	0.09433
579185.67	4141942.60	0.08958	578745.52		

4141955.60 0.59573
578765.52 4141955.60 0.54952 578785.52
4141955.60 0.49796
578805.52 4141955.60 0.44607 578825.52
4141955.60 0.39771
578845.52 4141955.60 0.35508 578865.52
4141955.60 0.31848
578885.52 4141955.60 0.28728 578905.52
4141955.60 0.26013
578925.52 4141955.60 0.23592 578945.52
4141955.60 0.21412
578965.52 4141955.60 0.19442 578985.52
4141955.60 0.17673
579005.52 4141955.60 0.16102 579025.52
4141955.60 0.14716
579045.52 4141955.60 0.13504 579065.52
4141955.60 0.12448
579085.52 4141955.60 0.11533 579105.52
4141955.60 0.10741
579125.52 4141955.60 0.10055 579145.52
4141955.60 0.09459
579165.52 4141955.60 0.08942 579185.52
4141955.60 0.08489
578785.22 4141971.34 0.44117 578805.22
4141971.34 0.39622
578825.22 4141971.34 0.35496 578845.22
4141971.34 0.31879
578865.22 4141971.34 0.28751 578885.22
4141971.34 0.26091
578905.22 4141971.34 0.23740 578925.22
4141971.34 0.21630
578945.22 4141971.34 0.19719 578965.22
4141971.34 0.17981
578985.22 4141971.34 0.16406 579005.22
4141971.34 0.14997
579025.22 4141971.34 0.13746 579045.22
4141971.34 0.12645
579065.22 4141971.34 0.11679 579085.22
4141971.34 0.10834
579105.22 4141971.34 0.10098 579125.22
4141971.34 0.09457
579145.22 4141971.34 0.08897 579165.22
4141971.34 0.08410
579185.22 4141971.34 0.07981 578790.01
4141986.40 0.38492
578810.01 4141986.40 0.34636 578830.01
4141986.40 0.31181
578850.01 4141986.40 0.28171 578870.01
4141986.40 0.25589
578890.01 4141986.40 0.23348 578910.01

4141986.40 0.21345
578930.01 4141986.40 0.19529 578950.01
4141986.40 0.17875
578970.01 4141986.40 0.16361 578990.01
4141986.40 0.14984
579010.01 4141986.40 0.13744 579030.01
4141986.40 0.12641
579050.01 4141986.40 0.11663 579070.01
4141986.40 0.10802
579090.01 4141986.40 0.10046 579110.01
4141986.40 0.09382
579130.01 4141986.40 0.08800 579150.01
4141986.40 0.08291
579170.01 4141986.40 0.07845 579190.01
4141986.40 0.07450
578810.54 4142001.46 0.31161 578830.54
4142001.46 0.28183

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.25586	578870.54	4142001.46	0.23360
578890.54	4142001.46	0.21405	578910.54	4142001.46	0.19648
578930.54	4142001.46	0.18045	578950.54	4142001.46	0.16572
578970.54	4142001.46	0.15220	578990.54	4142001.46	0.13985
579010.54	4142001.46	0.12867	579030.54	4142001.46	0.11863
579050.54	4142001.46	0.10970	579070.54		

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.04498	578405.01	4141176.41	0.04945
578425.01	4141176.41	0.05457	578445.01	4141176.41	0.06059
578465.01	4141176.41	0.06740	578485.01	4141176.41	0.07563
578505.01	4141176.41	0.08586	578525.01	4141176.41	0.09810
578545.01	4141176.41	0.11339	578565.01	4141176.41	0.13171
578585.01	4141176.41	0.15431	578605.01	4141176.41	0.18149
578625.01	4141176.41	0.21323	578645.01	4141176.41	0.25029
578665.01	4141176.41	0.29390	578685.01	4141176.41	0.34497
578705.01	4141176.41	0.40266	578725.01	4141176.41	0.46958
578745.01	4141176.41	0.54971	578765.01	4141176.41	0.64438
578785.01	4141176.41	0.76147	578805.01		

4141176.41 0.90676
578825.01 4141176.41 1.09084 578845.01
4141176.41 1.32391
578865.01 4141176.41 1.60440 578885.01
4141176.41 1.94235
578905.01 4141176.41 2.32351 578925.01
4141176.41 2.72320
578945.01 4141176.41 3.10251 578965.01
4141176.41 3.40424
578985.01 4141176.41 3.59523 579005.01
4141176.41 3.65179
579025.01 4141176.41 3.58557 579045.01
4141176.41 3.41211
579065.01 4141176.41 3.15805 579085.01
4141176.41 2.85445
579105.01 4141176.41 2.53922 579125.01
4141176.41 2.23847
579145.01 4141176.41 1.96715 579165.01
4141176.41 1.72917
579185.01 4141176.41 1.53044 579205.01
4141176.41 1.35852
579225.01 4141176.41 1.21025 578385.01
4141196.41 0.04423
578405.01 4141196.41 0.04880 578425.01
4141196.41 0.05401
578445.01 4141196.41 0.05993 578465.01
4141196.41 0.06684
578485.01 4141196.41 0.07508 578505.01
4141196.41 0.08497
578525.01 4141196.41 0.09713 578545.01
4141196.41 0.11209
578565.01 4141196.41 0.13057 578585.01
4141196.41 0.15323
578605.01 4141196.41 0.18058 578625.01
4141196.41 0.21350
578645.01 4141196.41 0.25348 578665.01
4141196.41 0.30109
578685.01 4141196.41 0.35515 578705.01
4141196.41 0.41768
578725.01 4141196.41 0.49069 578745.01
4141196.41 0.57780
578765.01 4141196.41 0.68403 578785.01
4141196.41 0.81277
578805.01 4141196.41 0.97527 578825.01
4141196.41 1.18006
578845.01 4141196.41 1.44154 578865.01
4141196.41 1.76810
578885.01 4141196.41 2.15175 578905.01
4141196.41 2.58718
578925.01 4141196.41 3.04112 578945.01

4141196.41 3.45996
  578965.01 4141196.41 3.78517 578985.01
4141196.41 3.96221
  579005.01 4141196.41 3.99217 579025.01
4141196.41 3.88157
  579045.01 4141196.41 3.64574 579065.01
4141196.41 3.33390
  579085.01 4141196.41 2.97427 579105.01
4141196.41 2.61584

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	2.28690	579145.01	4141196.41	2.00180
579165.01	4141196.41	1.75508	579185.01	4141196.41	1.54391
579205.01	4141196.41	1.36450	579225.01	4141196.41	1.20967
579245.01	4141196.41	1.07398	578385.01	4141216.41	0.04325
578405.01	4141216.41	0.04794	578425.01	4141216.41	0.05322
578445.01	4141216.41	0.05922	578465.01	4141216.41	0.06619
578485.01	4141216.41	0.07437	578505.01	4141216.41	0.08407
578525.01	4141216.41	0.09617	578545.01	4141216.41	0.11093
578565.01	4141216.41	0.12925	578585.01	4141216.41	0.15198
578605.01	4141216.41	0.17968	578625.01		

4141216.41 0.21400
578645.01 4141216.41 0.25635 578665.01
4141216.41 0.30606
578685.01 4141216.41 0.36479 578705.01
4141216.41 0.43250
578725.01 4141216.41 0.51216 578745.01
4141216.41 0.60792
578765.01 4141216.41 0.72548 578785.01
4141216.41 0.87046
578805.01 4141216.41 1.05107 578825.01
4141216.41 1.28207
578845.01 4141216.41 1.57799 578925.01
4141216.41 3.40924
578945.01 4141216.41 3.86901 578965.01
4141216.41 4.22240
578985.01 4141216.41 4.39331 579005.01
4141216.41 4.37835
579025.01 4141216.41 4.19363 579045.01
4141216.41 3.88458
579065.01 4141216.41 3.50350 579085.01
4141216.41 3.08878
579105.01 4141216.41 2.68914 579125.01
4141216.41 2.33652
579145.01 4141216.41 2.03294 579165.01
4141216.41 1.77174
579185.01 4141216.41 1.55194 579205.01
4141216.41 1.36566
579225.01 4141216.41 1.20500 579245.01
4141216.41 1.06111
578385.01 4141236.41 0.04200 578405.01
4141236.41 0.04683
578425.01 4141236.41 0.05218 578445.01
4141236.41 0.05829
578465.01 4141236.41 0.06531 578485.01
4141236.41 0.07350
578505.01 4141236.41 0.08344 578525.01
4141236.41 0.09540
578545.01 4141236.41 0.10969 578565.01
4141236.41 0.12775
578585.01 4141236.41 0.15056 578605.01
4141236.41 0.17852
578625.01 4141236.41 0.21348 578645.01
4141236.41 0.25716
578665.01 4141236.41 0.30993 578685.01
4141236.41 0.37314
578705.01 4141236.41 0.44728 578725.01
4141236.41 0.53492
578745.01 4141236.41 0.63962 578765.01
4141236.41 0.76877
578785.01 4141236.41 0.93274 578805.01

4141236.41 1.13629
  578825.01 4141236.41 1.39922 578945.01 4141236.41 4.35602
  578965.01 4141236.41 4.71306 578985.01 4141236.41 4.87462
  579005.01 4141236.41 4.79520 579025.01 4141236.41 4.52696
  579045.01 4141236.41 4.12771 579065.01 4141236.41 3.66377
  579085.01 4141236.41 3.19868 579105.01 4141236.41 2.76137

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	2.37879	579145.01	4141236.41	2.05372
579165.01	4141236.41	1.78323	579185.01	4141236.41	1.55446
579205.01	4141236.41	1.35938	579225.01	4141236.41	1.19122
579245.01	4141236.41	1.04048	578385.01	4141256.41	0.04062
578405.01	4141256.41	0.04544	578425.01	4141256.41	0.05093
578445.01	4141256.41	0.05711	578465.01	4141256.41	0.06419
578485.01	4141256.41	0.07247	578505.01	4141256.41	0.08247
578525.01	4141256.41	0.09426	578545.01	4141256.41	0.10839
578565.01	4141256.41	0.12622	578585.01		

4141256.41 0.14891
578605.01 4141256.41 0.17734 578625.01
4141256.41 0.21252
578645.01 4141256.41 0.25672 578665.01
4141256.41 0.31239
578685.01 4141256.41 0.37964 578705.01
4141256.41 0.46121
578725.01 4141256.41 0.55747 578745.01
4141256.41 0.67337
578765.01 4141256.41 0.81655 578785.01
4141256.41 0.99831
578805.01 4141256.41 1.23342 578965.01
4141256.41 5.28911
578985.01 4141256.41 5.39841 579005.01
4141256.41 5.25391
579025.01 4141256.41 4.87611 579045.01
4141256.41 4.37555
579065.01 4141256.41 3.82748 579085.01
4141256.41 3.30157
579105.01 4141256.41 2.81882 579125.01
4141256.41 2.40958
579145.01 4141256.41 2.06967 579165.01
4141256.41 1.78773
579185.01 4141256.41 1.55019 579205.01
4141256.41 1.34520
579225.01 4141256.41 1.16750 579245.01
4141256.41 1.01294
579265.01 4141256.41 0.87900 578385.01
4141276.41 0.03950
578405.01 4141276.41 0.04393 578425.01
4141276.41 0.04936
578445.01 4141276.41 0.05569 578465.01
4141276.41 0.06283
578485.01 4141276.41 0.07120 578505.01
4141276.41 0.08103
578525.01 4141276.41 0.09286 578545.01
4141276.41 0.10700
578565.01 4141276.41 0.12449 578585.01
4141276.41 0.14695
578605.01 4141276.41 0.17517 578625.01
4141276.41 0.21131
578645.01 4141276.41 0.25631 578665.01
4141276.41 0.31360
578685.01 4141276.41 0.38487 578705.01
4141276.41 0.47260
578725.01 4141276.41 0.58006 578745.01
4141276.41 0.70842
578765.01 4141276.41 0.86966 578785.01
4141276.41 1.07383
578985.01 4141276.41 5.99529 579005.01

4141276.41 5.73587
  579025.01 4141276.41 5.24954 579045.01
4141276.41 4.62837
  579065.01 4141276.41 3.99250 579085.01
4141276.41 3.38700
  579105.01 4141276.41 2.86853 579125.01
4141276.41 2.43550
  579145.01 4141276.41 2.08088 579165.01
4141276.41 1.78402
  579185.01 4141276.41 1.53304 579205.01
4141276.41 1.31869
  579225.01 4141276.41 1.13515 579245.01
4141276.41 0.97834

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	0.84741	578385.01	4141296.41	0.03798
578405.01	4141296.41	0.04281	578425.01	4141296.41	0.04775
578445.01	4141296.41	0.05391	578465.01	4141296.41	0.06118
578485.01	4141296.41	0.06963	578505.01	4141296.41	0.07948
578525.01	4141296.41	0.09124	578545.01	4141296.41	0.10538
578565.01	4141296.41	0.12275	578585.01	4141296.41	0.14464
578605.01	4141296.41	0.17274	578625.01	4141296.41	0.20906
578645.01	4141296.41	0.25555	578665.01		

4141296.41 0.31396
578685.01 4141296.41 0.38883 578705.01
4141296.41 0.48291
578725.01 4141296.41 0.59972 578745.01
4141296.41 0.74483
579005.01 4141296.41 6.25974 579025.01
4141296.41 5.62392
579045.01 4141296.41 4.87649 579065.01
4141296.41 4.12681
579085.01 4141296.41 3.46470 579105.01
4141296.41 2.91167
579125.01 4141296.41 2.45373 579145.01
4141296.41 2.07489
579165.01 4141296.41 1.76564 579185.01
4141296.41 1.50250
579205.01 4141296.41 1.28126 579225.01
4141296.41 1.09567
579245.01 4141296.41 0.94038 579265.01
4141296.41 0.81495
579285.01 4141296.41 0.71305 578385.01
4141316.41 0.03703
578405.01 4141316.41 0.04120 578425.01
4141316.41 0.04664
578445.01 4141316.41 0.05228 578465.01
4141316.41 0.05917
578485.01 4141316.41 0.06756 578505.01
4141316.41 0.07755
578525.01 4141316.41 0.08934 578545.01
4141316.41 0.10345
578565.01 4141316.41 0.12080 578585.01
4141316.41 0.14248
578605.01 4141316.41 0.17037 578625.01
4141316.41 0.20637
578645.01 4141316.41 0.25356 578665.01
4141316.41 0.31400
578685.01 4141316.41 0.39166 578705.01
4141316.41 0.49144
578725.01 4141316.41 0.61829 579025.01
4141316.41 5.99429
579045.01 4141316.41 5.09934 579065.01
4141316.41 4.25656
579085.01 4141316.41 3.53594 579105.01
4141316.41 2.94255
579125.01 4141316.41 2.45430 579145.01
4141316.41 2.05524
579165.01 4141316.41 1.73074 579185.01
4141316.41 1.46056
579205.01 4141316.41 1.23576 579225.01
4141316.41 1.05255
579245.01 4141316.41 0.90554 579265.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.25000	578665.01	4141336.41	0.31256
578685.01	4141336.41	0.39291	578705.01	4141336.41	0.49867
579025.01	4141336.41	6.37234	579045.01	4141336.41	5.31678
579065.01	4141336.41	4.37506	579085.01	4141336.41	3.58894
579105.01	4141336.41	2.94965	579125.01	4141336.41	2.43501
579145.01	4141336.41	2.02085	579165.01	4141336.41	1.68228
579185.01	4141336.41	1.40905	579205.01		

4141336.41 1.18668
579225.01 4141336.41 1.01373 579245.01
4141336.41 0.87583
579265.01 4141336.41 0.76756 579285.01
4141336.41 0.68248
578385.01 4141356.41 0.03685 578405.01
4141356.41 0.04027
578425.01 4141356.41 0.04449 578445.01
4141356.41 0.04959
578465.01 4141356.41 0.05588 578485.01
4141356.41 0.06412
578505.01 4141356.41 0.07339 578525.01
4141356.41 0.08429
578545.01 4141356.41 0.09837 578565.01
4141356.41 0.11576
578585.01 4141356.41 0.13699 578605.01
4141356.41 0.16438
578625.01 4141356.41 0.19975 578645.01
4141356.41 0.24624
578665.01 4141356.41 0.30886 578685.01
4141356.41 0.39267
579025.01 4141356.41 6.75653 579045.01
4141356.41 5.52456
579065.01 4141356.41 4.46703 579085.01
4141356.41 3.60979
579105.01 4141356.41 2.92847 579125.01
4141356.41 2.39061
579145.01 4141356.41 1.96269 579165.01
4141356.41 1.62074
579185.01 4141356.41 1.35227 579205.01
4141356.41 1.14200
579225.01 4141356.41 0.97919 579245.01
4141356.41 0.85290
579265.01 4141356.41 0.75499 579285.01
4141356.41 0.67711
579305.01 4141356.41 0.61433 578385.01
4141376.41 0.03781
578405.01 4141376.41 0.04094 578425.01
4141376.41 0.04472
578445.01 4141376.41 0.04943 578465.01
4141376.41 0.05514
578485.01 4141376.41 0.06212 578505.01
4141376.41 0.07111
578525.01 4141376.41 0.08260 578545.01
4141376.41 0.09537
578565.01 4141376.41 0.11248 578585.01
4141376.41 0.13382
578605.01 4141376.41 0.16084 578625.01
4141376.41 0.19575
578645.01 4141376.41 0.24193 578665.01

4141376.41   0.30460
         578685.01   4141376.41   0.39010   579005.01
4141376.41   8.70775
         579025.01   4141376.41   7.11129   579045.01
4141376.41   5.68249
         579065.01   4141376.41   4.51371   579085.01
4141376.41   3.59286
         579105.01   4141376.41   2.87200   579125.01
4141376.41   2.31622
         579145.01   4141376.41   1.88647   579165.01
4141376.41   1.55442
         579185.01   4141376.41   1.29866   579205.01
4141376.41   1.10295
         579225.01   4141376.41   0.95397   579245.01
4141376.41   0.83949
         579265.01   4141376.41   0.74918   579285.01
4141376.41   0.67704

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18 ***
                                  INCLUDING SOURCE(S):   DEMO3_1D   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         579305.01   4141376.41   0.61730   578385.01
4141396.41   0.03951
         578405.01   4141396.41   0.04231   578425.01
4141396.41   0.04567
         578445.01   4141396.41   0.04991   578465.01
4141396.41   0.05532
         578485.01   4141396.41   0.06187   578505.01
4141396.41   0.06983
         578525.01   4141396.41   0.08055   578545.01
4141396.41   0.09291
         578565.01   4141396.41   0.10902   578585.01

4141396.41 0.12964
578605.01 4141396.41 0.15619 578625.01
4141396.41 0.19088
578645.01 4141396.41 0.23687 578665.01
4141396.41 0.29899
579005.01 4141396.41 9.34901 579025.01
4141396.41 7.41775
579045.01 4141396.41 5.78114 579065.01
4141396.41 4.49612
579085.01 4141396.41 3.51982 579105.01
4141396.41 2.78202
579125.01 4141396.41 2.22841 579145.01
4141396.41 1.80859
579165.01 4141396.41 1.49111 579185.01
4141396.41 1.25321
579205.01 4141396.41 1.07508 579225.01
4141396.41 0.93930
579245.01 4141396.41 0.83379 579265.01
4141396.41 0.74925
579285.01 4141396.41 0.67967 579305.01
4141396.41 0.62020
578385.01 4141416.41 0.04165 578405.01
4141416.41 0.04437
578425.01 4141416.41 0.04763 578445.01
4141416.41 0.05160
578465.01 4141416.41 0.05647 578485.01
4141416.41 0.06256
578505.01 4141416.41 0.06992 578525.01
4141416.41 0.07938
578545.01 4141416.41 0.09139 578565.01
4141416.41 0.10631
578585.01 4141416.41 0.12588 578605.01
4141416.41 0.15131
578625.01 4141416.41 0.18492 578645.01
4141416.41 0.22983
578665.01 4141416.41 0.29160 579025.01
4141416.41 7.65568
579045.01 4141416.41 5.81079 579065.01
4141416.41 4.42457
579085.01 4141416.41 3.41730 579105.01
4141416.41 2.67584
579125.01 4141416.41 2.13357 579145.01
4141416.41 1.73272
579165.01 4141416.41 1.43806 579185.01
4141416.41 1.22062
579205.01 4141416.41 1.05768 579225.01
4141416.41 0.93285
579245.01 4141416.41 0.83302 579265.01
4141416.41 0.75113
579285.01 4141416.41 0.68081 579305.01

4141416.41 0.62071
  578385.01 4141436.41 0.04414 578405.01
4141436.41 0.04698
  578425.01 4141436.41 0.05028 578445.01
4141436.41 0.05426
  578465.01 4141436.41 0.05894 578485.01
4141436.41 0.06464
  578505.01 4141436.41 0.07138 578525.01
4141436.41 0.08026
  578545.01 4141436.41 0.09121 578565.01
4141436.41 0.10513
  578585.01 4141436.41 0.12361 578605.01
4141436.41 0.14760
  578625.01 4141436.41 0.17953 578645.01
4141436.41 0.22275
  579025.01 4141436.41 7.78761 579045.01
4141436.41 5.76307
  579065.01 4141436.41 4.30967 579085.01
4141436.41 3.28862

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	2.55962	579125.01	4141436.41	2.04159
579145.01	4141436.41	1.67012	579165.01	4141436.41	1.40054
579185.01	4141436.41	1.20181	579205.01	4141436.41	1.05084
579225.01	4141436.41	0.93171	579245.01	4141436.41	0.83390
579265.01	4141436.41	0.75084	579285.01		

4141436.41 0.67949
579305.01 4141436.41 0.61723 579325.01
4141436.41 0.56196
578385.01 4141456.41 0.04673 578405.01
4141456.41 0.04980
578425.01 4141456.41 0.05329 578445.01
4141456.41 0.05736
578465.01 4141456.41 0.06208 578485.01
4141456.41 0.06777
578505.01 4141456.41 0.07420 578525.01
4141456.41 0.08291
578545.01 4141456.41 0.09284 578565.01
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578585.01 4141456.41 0.12361 578605.01
4141456.41 0.14600
578625.01 4141456.41 0.17594 578645.01
4141456.41 0.21693
579045.01 4141456.41 5.62631 579065.01
4141456.41 4.15136
579085.01 4141456.41 3.13745 579105.01
4141456.41 2.44293
579125.01 4141456.41 1.96307 579145.01
4141456.41 1.62491
579165.01 4141456.41 1.37839 579185.01
4141456.41 1.19337
579205.01 4141456.41 1.04840 579225.01
4141456.41 0.93076
579245.01 4141456.41 0.83109 579265.01
4141456.41 0.74629
578385.01 4141476.41 0.04904 578405.01
4141476.41 0.05248
578425.01 4141476.41 0.05633 578445.01
4141476.41 0.06061
578465.01 4141476.41 0.06562 578485.01
4141476.41 0.07159
578505.01 4141476.41 0.07826 578525.01
4141476.41 0.08711
578545.01 4141476.41 0.09636 578565.01
4141476.41 0.10907
578585.01 4141476.41 0.12540 578605.01
4141476.41 0.14672
578625.01 4141476.41 0.17500 578645.01
4141476.41 0.21383
579065.01 4141476.41 3.94920 579085.01
4141476.41 2.98903
579105.01 4141476.41 2.34311 579125.01
4141476.41 1.90359
579145.01 4141476.41 1.59499 579165.01
4141476.41 1.36648
579185.01 4141476.41 1.18636 579205.01

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4141476.41        1.04214
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4141496.41        0.05899
         578445.01    4141496.41        0.06373                       578465.01
4141496.41        0.06918
         578485.01    4141496.41        0.07558                       578505.01
4141496.41        0.08266
         578525.01    4141496.41        0.09196                       578545.01
4141496.41        0.10136
         578565.01    4141496.41        0.11374                       578585.01
4141496.41        0.12952
         578605.01    4141496.41        0.14982                       578625.01
4141496.41        0.17659
         578645.01    4141496.41        0.21379                       579085.01
4141496.41        2.85528
         579105.01    4141496.41        2.26914                       579125.01
4141496.41        1.86486
         579145.01    4141496.41        1.57423                       579165.01
4141496.41        1.35256
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 439
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141496.41        1.02795
         578385.01    4141516.41        0.05214                       578405.01
4141516.41        0.05642
         578425.01    4141516.41        0.06116                       578445.01
4141516.41        0.06635
         578465.01    4141516.41        0.07232                       578485.01
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4141516.41 0.11987
578585.01 4141516.41 0.13569 578605.01
4141516.41 0.15571
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4141516.41 0.21772
579085.01 4141516.41 2.74428 579105.01
4141516.41 2.21307
579125.01 4141516.41 1.83304 579145.01
4141516.41 1.54878
579165.01 4141516.41 1.32696 578385.01
4141536.41 0.05322
578405.01 4141536.41 0.05765 578425.01
4141536.41 0.06273
578445.01 4141536.41 0.06851 578465.01
4141536.41 0.07496
578485.01 4141536.41 0.08242 578505.01
4141536.41 0.09081
578525.01 4141536.41 0.10201 578545.01
4141536.41 0.11229
578565.01 4141536.41 0.12635 578585.01
4141536.41 0.14308
578605.01 4141536.41 0.16357 578625.01
4141536.41 0.19013
578645.01 4141536.41 0.22496 578665.01
4141536.41 0.27252
579105.01 4141536.41 2.15212 579125.01
4141536.41 1.78415
579185.01 4141536.41 1.10333 578385.01
4141556.41 0.05432
578405.01 4141556.41 0.05893 578425.01
4141556.41 0.06417
578445.01 4141556.41 0.07022 578465.01
4141556.41 0.07720
578485.01 4141556.41 0.08513 578505.01
4141556.41 0.09425
578525.01 4141556.41 0.10587 578545.01
4141556.41 0.11737
578565.01 4141556.41 0.13242 578585.01
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578605.01 4141556.41 0.17252 578625.01
4141556.41 0.20002
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4141556.41 0.28244
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579185.01 4141556.41 1.04159 579205.01

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4141576.41        0.07206
         578465.01    4141576.41        0.07920                       578485.01
4141576.41        0.08753
         578505.01    4141576.41        0.09739                       578525.01
4141576.41        0.10966
         578545.01    4141576.41        0.12249                       578565.01
4141576.41        0.13857
         578585.01    4141576.41        0.15788                       578605.01
4141576.41        0.18152
         578625.01    4141576.41        0.21103                       578645.01
4141576.41        0.24909
         578665.01    4141576.41        0.29800                       578685.01
4141576.41        0.36426
         578705.01    4141576.41        0.45989                       579145.01
4141576.41        1.32077
         579165.01    4141576.41        1.12115                       579185.01
4141576.41        0.96349
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4141576.41        0.73308
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 440
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141596.41        0.06212
         578425.01    4141596.41        0.06765                       578445.01
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4141596.41 0.11332
578545.01 4141596.41 0.12724 578565.01
4141596.41 0.14474
578585.01 4141596.41 0.16556 578605.01
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4141596.41 0.26345
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4141596.41 0.63925
578745.01 4141596.41 0.89144 579105.01
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4141596.41 0.75937
579225.01 4141596.41 0.66690 579245.01
4141596.41 0.59032
579265.01 4141596.41 0.52622 579285.01
4141596.41 0.47104
579305.01 4141596.41 0.42542 579325.01
4141596.41 0.38572
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4141616.41 0.05860
578405.01 4141616.41 0.06376 578425.01
4141616.41 0.06961
578445.01 4141616.41 0.07627 578465.01
4141616.41 0.08397
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578565.01 4141616.41 0.15049 578585.01
4141616.41 0.17282
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4141616.41 0.23524
578645.01 4141616.41 0.27918 578665.01
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579105.01 4141616.41 1.49066 579125.01

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4141616.41   0.77428
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4141616.41   0.59668
579245.01   4141616.41   0.53002   579265.01
4141616.41   0.47395
579285.01   4141616.41   0.42482   579305.01
4141616.41   0.38456
579325.01   4141616.41   0.34995   579345.01
4141616.41   0.31982
578385.01   4141636.41   0.05986   578405.01
4141636.41   0.06516
578425.01   4141636.41   0.07122   578445.01
4141636.41   0.07824
578465.01   4141636.41   0.08637   578485.01
4141636.41   0.09571
578505.01   4141636.41   0.10698   578525.01
4141636.41   0.12063
578545.01   4141636.41   0.13644   578565.01
4141636.41   0.15615
578585.01   4141636.41   0.18079   578605.01
4141636.41   0.21100
578625.01   4141636.41   0.24884   578645.01
4141636.41   0.29841

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S):   DEMO3_1D   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
- -
- -
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578705.01   4141636.41   0.59321   578725.01

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579045.01 4141636.41 2.38409 579065.01
4141636.41 1.87553
579085.01 4141636.41 1.51639 579105.01
4141636.41 1.25237
579125.01 4141636.41 1.05255 579165.01
4141636.41 0.77482
579185.01 4141636.41 0.67540 579205.01
4141636.41 0.59420
579225.01 4141636.41 0.52686 579245.01
4141636.41 0.47038
579265.01 4141636.41 0.42251 579285.01
4141636.41 0.38083
579305.01 4141636.41 0.34580 579325.01
4141636.41 0.31537
579345.01 4141636.41 0.28900 578385.01
4141656.41 0.06087
578405.01 4141656.41 0.06637 578425.01
4141656.41 0.07255
578445.01 4141656.41 0.07983 578465.01
4141656.41 0.08857
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578565.01 4141656.41 0.16325 578585.01
4141656.41 0.18978
578605.01 4141656.41 0.22336 578625.01
4141656.41 0.26730
578645.01 4141656.41 0.32403 578665.01
4141656.41 0.40152
578685.01 4141656.41 0.51645 578705.01
4141656.41 0.68148
578725.01 4141656.41 0.94783 579005.01
4141656.41 3.01490
579025.01 4141656.41 2.30161 579045.01
4141656.41 1.81823
579065.01 4141656.41 1.47461 579085.01
4141656.41 1.22032
579105.01 4141656.41 1.02724 579125.01
4141656.41 0.87719
579145.01 4141656.41 0.75786 579185.01
4141656.41 0.58208
579205.01 4141656.41 0.51638 579225.01
4141656.41 0.46120
579245.01 4141656.41 0.41446 579265.01
4141656.41 0.37408
579285.01 4141656.41 0.33933 579305.01
4141656.41 0.30980
579325.01 4141656.41 0.28323 579345.01

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4141656.41        0.26020
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         578425.01    4141676.41        0.07384                       578445.01
4141676.41        0.08155
         578465.01    4141676.41        0.09087                       578485.01
4141676.41        0.10157
         578505.01    4141676.41        0.11503                       578525.01
4141676.41        0.13032
         578545.01    4141676.41        0.14921                       578565.01
4141676.41        0.17272
         578585.01    4141676.41        0.20246                       578605.01
4141676.41        0.24038
         578625.01    4141676.41        0.29093                       578645.01
4141676.41        0.36043
         578665.01    4141676.41        0.45805                       578685.01
4141676.41        0.59760
         578705.01    4141676.41        0.81407                       578985.01
4141676.41        2.62988
         579005.01    4141676.41        2.04968                       579025.01
4141676.41        1.64980
         579045.01    4141676.41        1.35680                       579065.01
4141676.41        1.13573
         579085.01    4141676.41        0.96474                       579105.01
4141676.41        0.82974
         579125.01    4141676.41        0.72113                       579145.01
4141676.41        0.63250
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 442
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141696.41 0.06864
578425.01 4141696.41 0.07575 578445.01
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578505.01 4141696.41 0.12031 578525.01
4141696.41 0.13787
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4141696.41 0.22029
578605.01 4141696.41 0.26530 578625.01
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578645.01 4141716.41 0.48435 578665.01
4141716.41 0.63656
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578925.01 4141716.41 2.60845 578945.01
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4141716.41 1.21687
579005.01 4141716.41 1.01808 579025.01
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579045.01 4141716.41 0.76023 579065.01
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579085.01 4141716.41 0.59574 579105.01
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579125.01 4141716.41 0.47982 579145.01
4141716.41 0.43378
579165.01 4141716.41 0.39406 579185.01
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579205.01 4141716.41 0.32873 579225.01
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579245.01 4141716.41 0.27746 579265.01
4141716.41 0.25639
579285.01 4141716.41 0.23734 579305.01
4141716.41 0.21990

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

- -
579325.01   4141716.41   0.20474   579345.01
4141716.41   0.19101
578385.01   4141736.41   0.06703   578405.01
4141736.41   0.07449
578425.01   4141736.41   0.08320   578445.01
4141736.41   0.09318
578465.01   4141736.41   0.10509   578485.01
4141736.41   0.11990
578505.01   4141736.41   0.14078   578625.01
4141736.41   0.44209
578645.01   4141736.41   0.57167   578665.01
4141736.41   0.75732
578865.01   4141736.41   4.63595   578885.01
4141736.41   3.29585
578905.01   4141736.41   2.34579   578925.01
4141736.41   1.73937
578945.01   4141736.41   1.34689   578965.01
4141736.41   1.07812
578985.01   4141736.41   0.89199   579005.01
4141736.41   0.75971
579025.01   4141736.41   0.66150   579045.01
4141736.41   0.58540
579065.01   4141736.41   0.52413   579085.01
4141736.41   0.47321
579105.01   4141736.41   0.43001   579125.01
4141736.41   0.39225
579145.01   4141736.41   0.35920   579165.01
4141736.41   0.33013
579185.01   4141736.41   0.30435   579205.01
4141736.41   0.28118
579225.01   4141736.41   0.26041   579245.01
4141736.41   0.24174
579265.01   4141736.41   0.22492   579285.01
4141736.41   0.20970
579305.01   4141736.41   0.19589   579325.01
4141736.41   0.18332
579345.01   4141736.41   0.17193   578385.01
4141756.41   0.07113
578405.01   4141756.41   0.07936   578425.01
4141756.41   0.08896
578445.01   4141756.41   0.10038   578465.01
4141756.41   0.11409
578485.01   4141756.41   0.13257   578845.01
4141756.41   3.81981
578865.01   4141756.41   2.92261   578885.01
4141756.41   2.17511
578905.01   4141756.41   1.63259   578925.01
4141756.41   1.26293
578945.01   4141756.41   1.00428   578965.01

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4141756.41        0.81893
         578985.01    4141756.41        0.68658                        579005.01
4141756.41        0.59071
         579025.01    4141756.41        0.51889                        579045.01
4141756.41        0.46319
         579065.01    4141756.41        0.41859                        579085.01
4141756.41        0.38172
         579105.01    4141756.41        0.35047                        579125.01
4141756.41        0.32306
         579145.01    4141756.41        0.29891                        579165.01
4141756.41        0.27741
         579185.01    4141756.41        0.25815                        579205.01
4141756.41        0.24058
         579225.01    4141756.41        0.22467                        579245.01
4141756.41        0.21024
         579265.01    4141756.41        0.19701                        579285.01
4141756.41        0.18489
         579305.01    4141756.41        0.17381                        579325.01
4141756.41        0.16370
         579345.01    4141756.41        0.15432                        578385.01
4141776.41        0.07613
         578405.01    4141776.41        0.08544                        578425.01
4141776.41        0.09599
         578445.01    4141776.41        0.10891                        578465.01
4141776.41        0.12535
         578485.01    4141776.41        0.14719                        578825.01
4141776.41        3.12122
         578845.01    4141776.41        2.54655                        578865.01
4141776.41        1.99369
         578885.01    4141776.41        1.54387                        578905.01
4141776.41        1.21092
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 444
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
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Y-COORD (M)   CONC
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- -
578925.01   4141776.41   0.96838   578945.01
4141776.41   0.78655
578965.01   4141776.41   0.65043   578985.01
4141776.41   0.55059
579005.01   4141776.41   0.47675   579025.01
4141776.41   0.42080
579045.01   4141776.41   0.37723   579065.01
4141776.41   0.34249
579085.01   4141776.41   0.31395   579105.01
4141776.41   0.28997
579125.01   4141776.41   0.26914   579145.01
4141776.41   0.25089
579165.01   4141776.41   0.23461   579185.01
4141776.41   0.21995
579205.01   4141776.41   0.20649   579225.01
4141776.41   0.19420
579245.01   4141776.41   0.18295   579265.01
4141776.41   0.17253
579285.01   4141776.41   0.16293   579305.01
4141776.41   0.15392
579325.01   4141776.41   0.14587   579345.01
4141776.41   0.13824
578405.01   4141796.41   0.09241   578425.01
4141796.41   0.10460
578445.01   4141796.41   0.11969   578465.01
4141796.41   0.14039
578805.01   4141796.41   2.56793   578825.01
4141796.41   2.20158
578845.01   4141796.41   1.79084   578865.01
4141796.41   1.44071
578885.01   4141796.41   1.15549   578905.01
4141796.41   0.93768
578925.01   4141796.41   0.76966   578945.01
4141796.41   0.63649
578965.01   4141796.41   0.53347   578985.01
4141796.41   0.45561
579005.01   4141796.41   0.39659   579025.01
4141796.41   0.35127
579045.01   4141796.41   0.31551   579065.01
4141796.41   0.28696
579085.01   4141796.41   0.26364   579105.01
4141796.41   0.24419
579125.01   4141796.41   0.22749   579145.01
4141796.41   0.21302
579165.01   4141796.41   0.20024   579185.01
4141796.41   0.18875
579205.01   4141796.41   0.17821   579225.01

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4141796.41        0.16857
         579245.01    4141796.41        0.15958                        579265.01
4141796.41        0.15142
         579285.01    4141796.41        0.14364                        579305.01
4141796.41        0.13648
         579325.01    4141796.41        0.12984                        579345.01
4141796.41        0.12362
         578445.01    4141816.41        0.13372                        578585.01
4141816.41        0.48091
         578605.01    4141816.41        0.59610                        578665.01
4141816.41        1.12839
         578685.01    4141816.41        1.37261                        578785.01
4141816.41        2.12702
         578805.01    4141816.41        1.90922                        578825.01
4141816.41        1.61075
         578845.01    4141816.41        1.32370                        578865.01
4141816.41        1.08914
         578885.01    4141816.41        0.89993                        578905.01
4141816.41        0.74941
         578925.01    4141816.41        0.62766                        578945.01
4141816.41        0.52747
         578965.01    4141816.41        0.44772                        578985.01
4141816.41        0.38564
         579005.01    4141816.41        0.33752                        579025.01
4141816.41        0.29980
         579045.01    4141816.41        0.26983                        579065.01
4141816.41        0.24565
         579085.01    4141816.41        0.22586                        579105.01
4141816.41        0.20935
         579125.01    4141816.41        0.19533                        579145.01
4141816.41        0.18330
         579165.01    4141816.41        0.17279                        579185.01
4141816.41        0.16346
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 445
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.15498	579225.01	4141816.41	0.14723
579245.01	4141816.41	0.13998	579265.01	4141816.41	0.13315
579285.01	4141816.41	0.12709	579305.01	4141816.41	0.12130
579325.01	4141816.41	0.11582	579345.01	4141816.41	0.11070
578565.01	4141836.41	0.43469	578585.01	4141836.41	0.52821
578605.01	4141836.41	0.64589	578625.01	4141836.41	0.78437
578645.01	4141836.41	0.94550	578665.01	4141836.41	1.13004
578685.01	4141836.41	1.32621	578705.01	4141836.41	1.51869
578725.01	4141836.41	1.68416	578765.01	4141836.41	1.77532
578785.01	4141836.41	1.65288	578805.01	4141836.41	1.44684
578825.01	4141836.41	1.21783	578845.01	4141836.41	1.01671
578865.01	4141836.41	0.85426	578885.01	4141836.41	0.72206
578905.01	4141836.41	0.61376	578925.01	4141836.41	0.52222
578945.01	4141836.41	0.44500	578965.01	4141836.41	0.38207
578985.01	4141836.41	0.33202	579005.01	4141836.41	0.29222
579025.01	4141836.41	0.26042	579045.01	4141836.41	0.23474
579065.01	4141836.41	0.21390	579085.01	4141836.41	0.19677
579105.01	4141836.41	0.18243	579125.01	4141836.41	0.17027
579145.01	4141836.41	0.15990	579165.01	4141836.41	0.15091
579185.01	4141836.41	0.14301	579205.01	4141836.41	0.13594
579225.01	4141836.41	0.12954	579245.01	4141836.41	0.12362
579265.01	4141836.41	0.11810	579285.01	4141836.41	0.11298
579305.01	4141836.41	0.10817	579325.01		

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4141836.41        0.10365
         579345.01    4141836.41        0.09945                        578565.01
4141856.41        0.47324
         578585.01    4141856.41        0.56675                        578605.01
4141856.41        0.67726
         578625.01    4141856.41        0.80417                        578645.01
4141856.41        0.94519
         578665.01    4141856.41        1.09551                        578685.01
4141856.41        1.24377
         578705.01    4141856.41        1.37447                        578725.01
4141856.41        1.46575
         578745.01    4141856.41        1.48973                        578765.01
4141856.41        1.43200
         578785.01    4141856.41        1.29852                        578805.01
4141856.41        1.12202
         578825.01    4141856.41        0.94748                        578845.01
4141856.41        0.80419
         578865.01    4141856.41        0.68874                        578885.01
4141856.41        0.59348
         578905.01    4141856.41        0.51250                        578925.01
4141856.41        0.44151
         578945.01    4141856.41        0.38068                        578965.01
4141856.41        0.33029
         578985.01    4141856.41        0.28941                        579005.01
4141856.41        0.25633
         579025.01    4141856.41        0.22935                        579045.01
4141856.41        0.20717
         579065.01    4141856.41        0.18896                        579085.01
4141856.41        0.17388
         579105.01    4141856.41        0.16122                        579125.01
4141856.41        0.15049
         579145.01    4141856.41        0.14131                        579165.01
4141856.41        0.13338
         579185.01    4141856.41        0.12644                        579205.01
4141856.41        0.12033
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 446
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18  ***
                                   INCLUDING SOURCE(S):     DEMO3_1D    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.11489	579245.01	4141856.41	0.10989
579265.01	4141856.41	0.10527	579285.01	4141856.41	0.10106
579305.01	4141856.41	0.09703	579325.01	4141856.41	0.09312
579345.01	4141856.41	0.08958	578545.01	4141876.41	0.42385
578565.01	4141876.41	0.50134	578585.01	4141876.41	0.58996
578605.01	4141876.41	0.69077	578625.01	4141876.41	0.80193
578645.01	4141876.41	0.91960	578665.01	4141876.41	1.03665
578685.01	4141876.41	1.14220	578705.01	4141876.41	1.22267
578725.01	4141876.41	1.25931	578745.01	4141876.41	1.23871
578765.01	4141876.41	1.15748	578785.01	4141876.41	1.02976
578805.01	4141876.41	0.88638	578825.01	4141876.41	0.75652
578845.01	4141876.41	0.65174	578865.01	4141876.41	0.56792
578885.01	4141876.41	0.49720	578905.01	4141876.41	0.43462
578925.01	4141876.41	0.37830	578945.01	4141876.41	0.32941
578965.01	4141876.41	0.28845	578985.01	4141876.41	0.25479
579005.01	4141876.41	0.22709	579025.01	4141876.41	0.20407
579045.01	4141876.41	0.18487	579065.01	4141876.41	0.16884
579085.01	4141876.41	0.15546	579105.01	4141876.41	0.14415
579125.01	4141876.41	0.13454	579145.01	4141876.41	0.12631
579165.01	4141876.41	0.11918	579185.01	4141876.41	0.11295
579205.01	4141876.41	0.10751	579225.01	4141876.41	0.10271
579245.01	4141876.41	0.09839	579265.01		

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4141876.41        0.09442
         579285.01    4141876.41        0.09084                        579305.01
4141876.41        0.08743
         579325.01    4141876.41        0.08415                        579345.01
4141876.41        0.08111
         578545.01    4141896.41        0.44527                        578565.01
4141896.41        0.51796
         578585.01    4141896.41        0.59946                        578605.01
4141896.41        0.68901
         578625.01    4141896.41        0.78269                        578645.01
4141896.41        0.87620
         578665.01    4141896.41        0.96313                        578685.01
4141896.41        1.03252
         578705.01    4141896.41        1.07237                        578725.01
4141896.41        1.07344
         578745.01    4141896.41        1.02821                        578765.01
4141896.41        0.94059
         578785.01    4141896.41        0.82762                        578805.01
4141896.41        0.71355
         578825.01    4141896.41        0.61632                        578845.01
4141896.41        0.53956
         578865.01    4141896.41        0.47736                        578885.01
4141896.41        0.42311
         578905.01    4141896.41        0.37332                        578925.01
4141896.41        0.32787
         578945.01    4141896.41        0.28796                        578965.01
4141896.41        0.25422
         578985.01    4141896.41        0.22611                        579005.01
4141896.41        0.20272
         579025.01    4141896.41        0.18307                        579045.01
4141896.41        0.16639
         579065.01    4141896.41        0.15225                        579085.01
4141896.41        0.14031
         579105.01    4141896.41        0.13015                        579125.01
4141896.41        0.12151
         579145.01    4141896.41        0.11405                        579165.01
4141896.41        0.10756
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 447
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18  ***
                                   INCLUDING SOURCE(S):     DEMO3_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.10187	579205.01	4141896.41	0.09690
579225.01	4141896.41	0.09256	579245.01	4141896.41	0.08872
579265.01	4141896.41	0.08524	579285.01	4141896.41	0.08211
579305.01	4141896.41	0.07916	579325.01	4141896.41	0.07640
579345.01	4141896.41	0.07378	578565.01	4141916.41	0.52549
578585.01	4141916.41	0.59681	578605.01	4141916.41	0.67359
578625.01	4141916.41	0.74970	578645.01	4141916.41	0.82112
578665.01	4141916.41	0.88116	578685.01	4141916.41	0.92071
578705.01	4141916.41	0.93292	578725.01	4141916.41	0.91148
578745.01	4141916.41	0.85484	578765.01	4141916.41	0.77044
578785.01	4141916.41	0.67442	578805.01	4141916.41	0.58509
578825.01	4141916.41	0.51187	578845.01	4141916.41	0.45473
578865.01	4141916.41	0.40744	578885.01	4141916.41	0.36467
578905.01	4141916.41	0.32438	578925.01	4141916.41	0.28708
578945.01	4141916.41	0.25398	578965.01	4141916.41	0.22579
578985.01	4141916.41	0.20210	579005.01	4141916.41	0.18221
579025.01	4141916.41	0.16526	579045.01	4141916.41	0.15075
579065.01	4141916.41	0.13830	579085.01	4141916.41	0.12763
579105.01	4141916.41	0.11848	579125.01	4141916.41	0.11065
579145.01	4141916.41	0.10386	579165.01	4141916.41	0.09793
579185.01	4141916.41	0.09268	578386.27		

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4141125.26        0.04634
         578406.27    4141125.26        0.05081                       578426.27
4141125.26        0.05588
         578446.27    4141125.26        0.06188                       578466.27
4141125.26        0.06936
         578486.27    4141125.26        0.07829                       578506.27
4141125.26        0.08909
         578526.27    4141125.26        0.10180                       578546.27
4141125.26        0.11715
         578566.27    4141125.26        0.13545                       578586.27
4141125.26        0.15724
         578606.27    4141125.26        0.18285                       578626.27
4141125.26        0.21114
         578646.27    4141125.26        0.24340                       578666.27
4141125.26        0.28001
         578686.27    4141125.26        0.32024                       578706.27
4141125.26        0.36598
         578726.27    4141125.26        0.41973                       578746.27
4141125.26        0.48486
         578766.27    4141125.26        0.56264                       578786.27
4141125.26        0.65646
         578806.27    4141125.26        0.77282                       578826.27
4141125.26        0.91216
         578846.27    4141125.26        1.08264                       578866.27
4141125.26        1.29140
         578886.27    4141125.26        1.54178                       578906.27
4141125.26        1.82534
         578926.27    4141125.26        2.11787                       578946.27
4141125.26        2.40195
         578966.27    4141125.26        2.64834                       578986.27
4141125.26        2.83169
         579006.27    4141125.26        2.93391                       579026.27
4141125.26        2.94952
         579046.27    4141125.26        2.87634                       579066.27
4141125.26        2.72644
         579086.27    4141125.26        2.52877                       579106.27
4141125.26        2.30560
         579126.27    4141125.26        2.07562                       579146.27
4141125.26        1.85166
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 448
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP18  ***
                                   INCLUDING SOURCE(S):     DEMO3_1D    ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.64386	579186.27	4141125.26	1.46458
579206.27	4141125.26	1.31324	578386.27	4141145.26	0.04599
578406.27	4141145.26	0.05045	578426.27	4141145.26	0.05564
578446.27	4141145.26	0.06150	578466.27	4141145.26	0.06858
578486.27	4141145.26	0.07750	578506.27	4141145.26	0.08801
578526.27	4141145.26	0.10086	578546.27	4141145.26	0.11611
578566.27	4141145.26	0.13472	578586.27	4141145.26	0.15671
578606.27	4141145.26	0.18305	578626.27	4141145.26	0.21372
578646.27	4141145.26	0.24824	578666.27	4141145.26	0.28655
578686.27	4141145.26	0.33041	578706.27	4141145.26	0.38070
578726.27	4141145.26	0.44072	578746.27	4141145.26	0.51096
578766.27	4141145.26	0.59502	578786.27	4141145.26	0.69783
578806.27	4141145.26	0.82540	578826.27	4141145.26	0.98248
578846.27	4141145.26	1.17201	578866.27	4141145.26	1.40847
578886.27	4141145.26	1.68940	578906.27	4141145.26	2.00700
578926.27	4141145.26	2.34060	578946.27	4141145.26	2.65437
578966.27	4141145.26	2.91891	578986.27	4141145.26	3.10779
579006.27	4141145.26	3.19827	579026.27	4141145.26	3.18155
579046.27	4141145.26	3.06724	579066.27	4141145.26	2.88169
579086.27	4141145.26	2.65183	579106.27		

4141145.26 2.39178
  579126.27 4141145.26 2.13601 579146.27
4141145.26 1.89174
  579166.27 4141145.26 1.67386 579186.27
4141145.26 1.48543
  579206.27 4141145.26 1.32802 578723.62
4141929.59 0.82113
  578743.62 4141929.59 0.76350 578763.62
4141929.59 0.68476
  578783.62 4141929.59 0.59962 578803.62
4141929.59 0.52266
  578823.62 4141929.59 0.46082 578843.62
4141929.59 0.41271
  578863.62 4141929.59 0.37238 578883.62
4141929.59 0.33526
  578903.62 4141929.59 0.29966 578923.62
4141929.59 0.26643
  578943.62 4141929.59 0.23677 578963.62
4141929.59 0.21127
  578983.62 4141929.59 0.18973 579003.62
4141929.59 0.17155
  579023.62 4141929.59 0.15599 579043.62
4141929.59 0.14256
  579063.62 4141929.59 0.13096 579083.62
4141929.59 0.12096
  579103.62 4141929.59 0.11235 579123.62
4141929.59 0.10492
  579143.62 4141929.59 0.09847 579163.62
4141929.59 0.09281
  579183.62 4141929.59 0.08779 578725.67
4141942.60 0.73384
  578745.67 4141942.60 0.67341 578765.67
4141942.60 0.59918
  578785.67 4141942.60 0.52447 578805.67
4141942.60 0.46016
  578825.67 4141942.60 0.40998 578845.67
4141942.60 0.37062
  578865.67 4141942.60 0.33650 578885.67
4141942.60 0.30416
  578905.67 4141942.60 0.27273 578925.67
4141942.60 0.24336

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.21721	578965.67	4141942.60	0.19471
578985.67	4141942.60	0.17561	579005.67	4141942.60	0.15935
579025.67	4141942.60	0.14536	579045.67	4141942.60	0.13322
579065.67	4141942.60	0.12264	579085.67	4141942.60	0.11347
579105.67	4141942.60	0.10555	579125.67	4141942.60	0.09869
579145.67	4141942.60	0.09269	579165.67	4141942.60	0.08741
579185.67	4141942.60	0.08270	578745.52	4141955.60	0.60164
578765.52	4141955.60	0.53384	578785.52	4141955.60	0.46836
578805.52	4141955.60	0.41368	578825.52	4141955.60	0.37159
578845.52	4141955.60	0.33830	578865.52	4141955.60	0.30886
578885.52	4141955.60	0.28027	578905.52	4141955.60	0.25223
578925.52	4141955.60	0.22590	578945.52	4141955.60	0.20236
578965.52	4141955.60	0.18206	578985.52	4141955.60	0.16478
579005.52	4141955.60	0.14997	579025.52	4141955.60	0.13713
579045.52	4141955.60	0.12593	579065.52	4141955.60	0.11613
579085.52	4141955.60	0.10758	579105.52	4141955.60	0.10014
579125.52	4141955.60	0.09370	579145.52	4141955.60	0.08805
579165.52	4141955.60	0.08305	579185.52	4141955.60	0.07858
578785.22	4141971.34	0.41159	578805.22		

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4141971.34        0.36670
         578825.22    4141971.34        0.33242                        578845.22
4141971.34        0.30489
         578865.22    4141971.34        0.27994                        578885.22
4141971.34        0.25508
         578905.22    4141971.34        0.23051                        578925.22
4141971.34        0.20731
         578945.22    4141971.34        0.18645                        578965.22
4141971.34        0.16841
         578985.22    4141971.34        0.15302                        579005.22
4141971.34        0.13976
         579025.22    4141971.34        0.12819                        579045.22
4141971.34        0.11800
         579065.22    4141971.34        0.10901                        579085.22
4141971.34        0.10113
         579105.22    4141971.34        0.09424                        579125.22
4141971.34        0.08823
         579145.22    4141971.34        0.08298                        579165.22
4141971.34        0.07831
         579185.22    4141971.34        0.07412                        578790.01
4141986.40        0.35570
         578810.01    4141986.40        0.32106                        578830.01
4141986.40        0.29447
         578850.01    4141986.40        0.27204                        578870.01
4141986.40        0.25044
         578890.01    4141986.40        0.22851                        578910.01
4141986.40        0.20689
         578930.01    4141986.40        0.18665                        578950.01
4141986.40        0.16858
         578970.01    4141986.40        0.15300                        578990.01
4141986.40        0.13968
         579010.01    4141986.40        0.12815                        579030.01
4141986.40        0.11798
         579050.01    4141986.40        0.10895                        579070.01
4141986.40        0.10091
         579090.01    4141986.40        0.09382                        579110.01
4141986.40        0.08761
         579130.01    4141986.40        0.08220                        579150.01
4141986.40        0.07743
         579170.01    4141986.40        0.07317                        579190.01
4141986.40        0.06935
         578810.54    4142001.46        0.28943                        578830.54
4142001.46        0.26743
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.24830	578870.54	4142001.46	0.22934
578890.54	4142001.46	0.20988	578910.54	4142001.46	0.19056
578930.54	4142001.46	0.17247	578950.54	4142001.46	0.15633
578970.54	4142001.46	0.14236	578990.54	4142001.46	0.13037
579010.54	4142001.46	0.11997	579030.54	4142001.46	0.11078
579050.54	4142001.46	0.10255	579070.54	4142001.46	0.09517
579090.54	4142001.46	0.08860	579110.54	4142001.46	0.08281
579130.54	4142001.46	0.07776	579150.54	4142001.46	0.07329
579170.54	4142001.46	0.06933	579190.54	4142001.46	0.06577

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.06840	578405.01	4141176.41	0.07755
578425.01	4141176.41	0.08870	578445.01	4141176.41	0.10247
578465.01	4141176.41	0.11841	578485.01	4141176.41	0.13811
578505.01	4141176.41	0.16283	578525.01	4141176.41	0.19232
578545.01	4141176.41	0.23259	578565.01	4141176.41	0.27644
578585.01	4141176.41	0.33062	578605.01	4141176.41	0.39667
578625.01	4141176.41	0.47591	578645.01	4141176.41	0.56392
578665.01	4141176.41	0.69552	578685.01	4141176.41	0.84966
578705.01	4141176.41	1.03413	578725.01	4141176.41	1.25598
578745.01	4141176.41	1.52200	578765.01	4141176.41	1.82273
578785.01	4141176.41	2.16251	578805.01	4141176.41	2.52753
578825.01	4141176.41	2.90619	578845.01	4141176.41	3.27485
578865.01	4141176.41	3.58824	578885.01	4141176.41	3.84121
578905.01	4141176.41	4.00992	578925.01	4141176.41	4.08831
578945.01	4141176.41	4.07738	578965.01	4141176.41	3.97115
578985.01	4141176.41	3.78845	579005.01	4141176.41	3.54272
579025.01	4141176.41	3.26575	579045.01	4141176.41	2.97269
579065.01	4141176.41	2.67473	579085.01	4141176.41	2.37951
579105.01	4141176.41	2.10113	579125.01	4141176.41	1.84580
579145.01	4141176.41	1.61604	579165.01	4141176.41	1.41083
579185.01	4141176.41	1.23633	579205.01	4141176.41	1.08372
579225.01	4141176.41	0.95345	578385.01	4141196.41	0.06726
578405.01	4141196.41	0.07621	578425.01		

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4141196.41        0.08721
         578445.01    4141196.41        0.10043                        578465.01
4141196.41        0.11663
         578485.01    4141196.41        0.13661                        578505.01
4141196.41        0.16114
         578525.01    4141196.41        0.19169                        578545.01
4141196.41        0.23286
         578565.01    4141196.41        0.27940                        578585.01
4141196.41        0.33637
         578605.01    4141196.41        0.40557                        578625.01
4141196.41        0.48357
         578645.01    4141196.41        0.59970                        578665.01
4141196.41        0.73778
         578685.01    4141196.41        0.90492                        578705.01
4141196.41        1.11070
         578725.01    4141196.41        1.36156                        578745.01
4141196.41        1.66327
         578765.01    4141196.41        2.01735                        578785.01
4141196.41        2.40801
         578805.01    4141196.41        2.83224                        578825.01
4141196.41        3.26265
         578845.01    4141196.41        3.67695                        578865.01
4141196.41        4.03839
         578885.01    4141196.41        4.30345                        578905.01
4141196.41        4.47005
         578925.01    4141196.41        4.53004                        578945.01
4141196.41        4.48170
         578965.01    4141196.41        4.33260                        578985.01
4141196.41        4.08778
         579005.01    4141196.41        3.79240                        579025.01
4141196.41        3.46946
         579045.01    4141196.41        3.12540                        579065.01
4141196.41        2.78709
         579085.01    4141196.41        2.45138                        579105.01
4141196.41        2.14066
*** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP19  ***
                                   INCLUDING SOURCE(S):     GRADING     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	1.86274	579145.01	4141196.41	1.62113
579165.01	4141196.41	1.40824	579185.01	4141196.41	1.22371
579205.01	4141196.41	1.06779	579225.01	4141196.41	0.93688
579245.01	4141196.41	0.82740	578385.01	4141216.41	0.06619
578405.01	4141216.41	0.07495	578425.01	4141216.41	0.08559
578445.01	4141216.41	0.09858	578465.01	4141216.41	0.11468
578485.01	4141216.41	0.13455	578505.01	4141216.41	0.15893
578525.01	4141216.41	0.19376	578545.01	4141216.41	0.23270
578565.01	4141216.41	0.28114	578585.01	4141216.41	0.34132
578605.01	4141216.41	0.41498	578625.01	4141216.41	0.50833
578645.01	4141216.41	0.62858	578665.01	4141216.41	0.77729
578685.01	4141216.41	0.96506	578705.01	4141216.41	1.19551
578725.01	4141216.41	1.48000	578745.01	4141216.41	1.82716
578765.01	4141216.41	2.23926	578785.01	4141216.41	2.70186
578805.01	4141216.41	3.19243	578825.01	4141216.41	3.69043
578845.01	4141216.41	4.15910	578925.01	4141216.41	5.02921
578945.01	4141216.41	4.92825	578965.01	4141216.41	4.73201
578985.01	4141216.41	4.43197	579005.01	4141216.41	4.07079
579025.01	4141216.41	3.67558	579045.01	4141216.41	3.27557
579065.01	4141216.41	2.88868	579085.01	4141216.41	2.51487
579105.01	4141216.41	2.17336	579125.01	4141216.41	1.87662
579145.01	4141216.41	1.61896	579165.01		

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4141216.41        1.39441
         579185.01    4141216.41        1.20577                        579205.01
4141216.41        1.04949
         579225.01    4141216.41        0.92044                        579245.01
4141216.41        0.81062
         578385.01    4141236.41        0.06497                        578405.01
4141236.41        0.07376
         578425.01    4141236.41        0.08407                        578445.01
4141236.41        0.09679
         578465.01    4141236.41        0.11253                        578485.01
4141236.41        0.13212
         578505.01    4141236.41        0.15744                        578525.01
4141236.41        0.19243
         578545.01    4141236.41        0.23147                        578565.01
4141236.41        0.28145
         578585.01    4141236.41        0.34514                        578605.01
4141236.41        0.42368
         578625.01    4141236.41        0.52368                        578645.01
4141236.41        0.65336
         578665.01    4141236.41        0.81810                        578685.01
4141236.41        1.02842
         578705.01    4141236.41        1.29133                        578725.01
4141236.41        1.61842
         578745.01    4141236.41        2.01701                        578765.01
4141236.41        2.49471
         578785.01    4141236.41        3.04763                        578805.01
4141236.41        3.62601
         578825.01    4141236.41        4.20870                        578945.01
4141236.41        5.44073
         578965.01    4141236.41        5.15830                        578985.01
4141236.41        4.80020
         579005.01    4141236.41        4.35802                        579025.01
4141236.41        3.88985
         579045.01    4141236.41        3.42267                        579065.01
4141236.41        2.97641
         579085.01    4141236.41        2.57010                        579105.01
4141236.41        2.20061
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 453
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	1.87891	579145.01	4141236.41	1.60377
579165.01	4141236.41	1.37491	579185.01	4141236.41	1.18460
579205.01	4141236.41	1.02842	579225.01	4141236.41	0.90096
579245.01	4141236.41	0.79232	578385.01	4141256.41	0.06399
578405.01	4141256.41	0.07246	578425.01	4141256.41	0.08279
578445.01	4141256.41	0.09512	578465.01	4141256.41	0.11038
578485.01	4141256.41	0.12972	578505.01	4141256.41	0.15800
578525.01	4141256.41	0.18970	578545.01	4141256.41	0.22928
578565.01	4141256.41	0.28063	578585.01	4141256.41	0.34727
578605.01	4141256.41	0.43196	578625.01	4141256.41	0.53837
578645.01	4141256.41	0.67632	578665.01	4141256.41	0.85911
578685.01	4141256.41	1.09354	578705.01	4141256.41	1.39753
578725.01	4141256.41	1.77546	578745.01	4141256.41	2.24159
578765.01	4141256.41	2.80316	578785.01	4141256.41	3.45262
578805.01	4141256.41	4.15722	578965.01	4141256.41	5.63957
578985.01	4141256.41	5.17611	579005.01	4141256.41	4.66526
579025.01	4141256.41	4.10630	579045.01	4141256.41	3.56802
579065.01	4141256.41	3.06399	579085.01	4141256.41	2.61390
579105.01	4141256.41	2.20863	579125.01	4141256.41	1.86635
579145.01	4141256.41	1.58248	579165.01	4141256.41	1.35044
579185.01	4141256.41	1.16149	579205.01		

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4141256.41        1.00618
         579225.01    4141256.41        0.87884                        579245.01
4141256.41        0.77340
         579265.01    4141256.41        0.68495                        578385.01
4141276.41        0.06530
         578405.01    4141276.41        0.07136                        578425.01
4141276.41        0.08125
         578445.01    4141276.41        0.09365                        578465.01
4141276.41        0.10851
         578485.01    4141276.41        0.12744                        578505.01
4141276.41        0.15152
         578525.01    4141276.41        0.18627                        578545.01
4141276.41        0.22636
         578565.01    4141276.41        0.27820                        578585.01
4141276.41        0.34719
         578605.01    4141276.41        0.43592                        578625.01
4141276.41        0.55241
         578645.01    4141276.41        0.70163                        578665.01
4141276.41        0.90066
         578685.01    4141276.41        1.16354                        578705.01
4141276.41        1.50929
         578725.01    4141276.41        1.95785                        578745.01
4141276.41        2.50723
         578765.01    4141276.41        3.18248                        578785.01
4141276.41        3.95959
         578985.01    4141276.41        5.59024                        579005.01
4141276.41        4.96805
         579025.01    4141276.41        4.33633                        579045.01
4141276.41        3.71280
         579065.01    4141276.41        3.14849                        579085.01
4141276.41        2.63558
         579105.01    4141276.41        2.20460                        579125.01
4141276.41        1.84675
         579145.01    4141276.41        1.55777                        579165.01
4141276.41        1.32285
         579185.01    4141276.41        1.13332                        579205.01
4141276.41        0.98016
         579225.01    4141276.41        0.85557                        579245.01
4141276.41        0.75284
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	0.66866	578385.01	4141296.41	0.06276
578405.01	4141296.41	0.07293	578425.01	4141296.41	0.08012
578445.01	4141296.41	0.09185	578465.01	4141296.41	0.10675
578485.01	4141296.41	0.12793	578505.01	4141296.41	0.15180
578525.01	4141296.41	0.18270	578545.01	4141296.41	0.22270
578565.01	4141296.41	0.27511	578585.01	4141296.41	0.34466
578605.01	4141296.41	0.43764	578625.01	4141296.41	0.56204
578645.01	4141296.41	0.72725	578665.01	4141296.41	0.94401
578685.01	4141296.41	1.23919	578705.01	4141296.41	1.63584
578725.01	4141296.41	2.15828	578745.01	4141296.41	2.82734
579005.01	4141296.41	5.29002	579025.01	4141296.41	4.55462
579045.01	4141296.41	3.84726	579065.01	4141296.41	3.19711
579085.01	4141296.41	2.64488	579105.01	4141296.41	2.19095
579125.01	4141296.41	1.82020	579145.01	4141296.41	1.52166
579165.01	4141296.41	1.28935	579185.01	4141296.41	1.10167
579205.01	4141296.41	0.95210	579225.01	4141296.41	0.83144
579245.01	4141296.41	0.73194	579265.01	4141296.41	0.65149
579285.01	4141296.41	0.58396	578385.01	4141316.41	0.06256
578405.01	4141316.41	0.07003	578425.01	4141316.41	0.08197
578445.01	4141316.41	0.09280	578465.01		

4141316.41 0.10460
578485.01 4141316.41 0.12267 578505.01
4141316.41 0.14886
578525.01 4141316.41 0.17921 578545.01
4141316.41 0.21867
578565.01 4141316.41 0.27130 578585.01
4141316.41 0.34182
578605.01 4141316.41 0.43812 578625.01
4141316.41 0.56885
578645.01 4141316.41 0.74867 578665.01
4141316.41 0.99098
578685.01 4141316.41 1.32191 578705.01
4141316.41 1.77738
578725.01 4141316.41 2.39359 579025.01
4141316.41 4.75949
579045.01 4141316.41 3.95106 579065.01
4141316.41 3.23689
579085.01 4141316.41 2.64385 579105.01
4141316.41 2.16509
579125.01 4141316.41 1.78159 579145.01
4141316.41 1.48136
579165.01 4141316.41 1.25088 579185.01
4141316.41 1.06892
579205.01 4141316.41 0.92332 579225.01
4141316.41 0.80711
579245.01 4141316.41 0.71356 579265.01
4141316.41 0.63649
579285.01 4141316.41 0.57134 578385.01
4141336.41 0.06276
578405.01 4141336.41 0.06990 578425.01
4141336.41 0.07868
578445.01 4141336.41 0.09194 578465.01
4141336.41 0.10692
578485.01 4141336.41 0.12302 578505.01
4141336.41 0.14544
578525.01 4141336.41 0.17521 578545.01
4141336.41 0.21468
578565.01 4141336.41 0.26645 578585.01
4141336.41 0.33730
578605.01 4141336.41 0.43580 578625.01
4141336.41 0.57339

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.76311	578665.01	4141336.41	1.03555
578685.01	4141336.41	1.40988	578705.01	4141336.41	1.94072
579025.01	4141336.41	4.96980	579045.01	4141336.41	4.04722
579065.01	4141336.41	3.26174	579085.01	4141336.41	2.62391
579105.01	4141336.41	2.12098	579125.01	4141336.41	1.73364
579145.01	4141336.41	1.43897	579165.01	4141336.41	1.21096
579185.01	4141336.41	1.03524	579205.01	4141336.41	0.89482
579225.01	4141336.41	0.78602	579245.01	4141336.41	0.69612
579265.01	4141336.41	0.62165	579285.01	4141336.41	0.55916
578385.01	4141356.41	0.06350	578405.01	4141356.41	0.07059
578425.01	4141356.41	0.08058	578445.01	4141356.41	0.09119
578465.01	4141356.41	0.10455	578485.01	4141356.41	0.12289
578505.01	4141356.41	0.14441	578525.01	4141356.41	0.17141
578545.01	4141356.41	0.20966	578565.01	4141356.41	0.26173
578585.01	4141356.41	0.33187	578605.01	4141356.41	0.43180
578625.01	4141356.41	0.57330	578645.01	4141356.41	0.77590
578665.01	4141356.41	1.07224	578685.01	4141356.41	1.50392
579025.01	4141356.41	5.18963	579045.01	4141356.41	4.13271
579065.01	4141356.41	3.25921	579085.01		

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4141356.41        2.57700
         579105.01    4141356.41        2.06023                       579125.01
4141356.41        1.67580
         579145.01    4141356.41        1.38785                       579165.01
4141356.41        1.16837
         579185.01    4141356.41        1.00081                       579205.01
4141356.41        0.86918
         579225.01    4141356.41        0.76414                       579245.01
4141356.41        0.67813
         579265.01    4141356.41        0.60697                       579285.01
4141356.41        0.54639
         579305.01    4141356.41        0.49482                       578385.01
4141376.41        0.06533
         578405.01    4141376.41        0.07256                       578425.01
4141376.41        0.08114
         578445.01    4141376.41        0.09169                       578465.01
4141376.41        0.10446
         578485.01    4141376.41        0.12027                       578505.01
4141376.41        0.14155
         578525.01    4141376.41        0.17050                       578545.01
4141376.41        0.20480
         578565.01    4141376.41        0.25562                       578585.01
4141376.41        0.32620
         578605.01    4141376.41        0.42627                       578625.01
4141376.41        0.57124
         578645.01    4141376.41        0.78537                       578665.01
4141376.41        1.10877
         578685.01    4141376.41        1.59929                       579005.01
4141376.41        6.81849
         579025.01    4141376.41        5.38744                       579045.01
4141376.41        4.17033
         579065.01    4141376.41        3.21622                       579085.01
4141376.41        2.50417
         579105.01    4141376.41        1.98178                       579125.01
4141376.41        1.60592
         579145.01    4141376.41        1.33139                       579165.01
4141376.41        1.12596
         579185.01    4141376.41        0.96766                       579205.01
4141376.41        0.84275
         579225.01    4141376.41        0.74252                       579245.01
4141376.41        0.66035
         579265.01    4141376.41        0.59116                       579285.01
4141376.41        0.53312
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                  PAGE 456
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***

INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.48354	578385.01	4141396.41	0.06657
578405.01	4141396.41	0.07354	578425.01	4141396.41	0.08178
578445.01	4141396.41	0.09200	578465.01	4141396.41	0.10495
578485.01	4141396.41	0.12071	578505.01	4141396.41	0.14018
578525.01	4141396.41	0.16770	578545.01	4141396.41	0.20124
578565.01	4141396.41	0.24897	578585.01	4141396.41	0.31701
578605.01	4141396.41	0.41630	578625.01	4141396.41	0.56469
578645.01	4141396.41	0.79058	578665.01	4141396.41	1.14038
579005.01	4141396.41	7.26963	579025.01	4141396.41	5.55196
579045.01	4141396.41	4.15421	579065.01	4141396.41	3.12071
579085.01	4141396.41	2.39501	579105.01	4141396.41	1.88961
579125.01	4141396.41	1.53597	579145.01	4141396.41	1.27814
579165.01	4141396.41	1.08396	579185.01	4141396.41	0.93437
579205.01	4141396.41	0.81641	579225.01	4141396.41	0.72049
579245.01	4141396.41	0.64131	579265.01	4141396.41	0.57495
579285.01	4141396.41	0.51902	579305.01	4141396.41	0.47100
578385.01	4141416.41	0.06787	578405.01	4141416.41	0.07481
578425.01	4141416.41	0.08317	578445.01		

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4141416.41        0.09333
         578465.01    4141416.41        0.10574                    578485.01
4141416.41        0.12130
         578505.01    4141416.41        0.14033                    578525.01
4141416.41        0.16542
         578545.01    4141416.41        0.19885                    578565.01
4141416.41        0.24349
         578585.01    4141416.41        0.30831                    578605.01
4141416.41        0.40408
         578625.01    4141416.41        0.55124                    578645.01
4141416.41        0.78332
         578665.01    4141416.41        1.16276                    579025.01
4141416.41        5.66570
         579045.01    4141416.41        4.07478                    579065.01
4141416.41        2.98548
         579085.01    4141416.41        2.27482                    579105.01
4141416.41        1.79602
         579125.01    4141416.41        1.46514                    579145.01
4141416.41        1.22364
         579165.01    4141416.41        1.04172                    579185.01
4141416.41        0.90044
         579205.01    4141416.41        0.78778                    579225.01
4141416.41        0.69653
         579245.01    4141416.41        0.62060                    579265.01
4141416.41        0.55723
         579285.01    4141416.41        0.50280                    579305.01
4141416.41        0.45701
         578385.01    4141436.41        0.06947                    578405.01
4141436.41        0.07657
         578425.01    4141436.41        0.08501                    578445.01
4141436.41        0.09535
         578465.01    4141436.41        0.10775                    578485.01
4141436.41        0.12303
         578505.01    4141436.41        0.14139                    578525.01
4141436.41        0.16604
         578545.01    4141436.41        0.19759                    578565.01
4141436.41        0.24017
         578585.01    4141436.41        0.30209                    578605.01
4141436.41        0.39330
         578625.01    4141436.41        0.53591                    578645.01
4141436.41        0.76983
         579025.01    4141436.41        5.67486                    579045.01
4141436.41        3.91669
         579065.01    4141436.41        2.81994                    579085.01
4141436.41        2.14383
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***

INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	1.69917	579125.01	4141436.41	1.39268
579145.01	4141436.41	1.16892	579165.01	4141436.41	0.99828
579185.01	4141436.41	0.86473	579205.01	4141436.41	0.75790
579225.01	4141436.41	0.67080	579245.01	4141436.41	0.59845
579265.01	4141436.41	0.53729	579285.01	4141436.41	0.48559
579305.01	4141436.41	0.44132	579325.01	4141436.41	0.40262
578385.01	4141456.41	0.07144	578405.01	4141456.41	0.07867
578425.01	4141456.41	0.08721	578445.01	4141456.41	0.09759
578465.01	4141456.41	0.11004	578485.01	4141456.41	0.12547
578505.01	4141456.41	0.14352	578525.01	4141456.41	0.16849
578545.01	4141456.41	0.19816	578565.01	4141456.41	0.24010
578585.01	4141456.41	0.29940	578605.01	4141456.41	0.38536
578625.01	4141456.41	0.52097	578645.01	4141456.41	0.75110
579045.01	4141456.41	3.65561	579065.01	4141456.41	2.62141
579085.01	4141456.41	1.99948	579105.01	4141456.41	1.59706
579125.01	4141456.41	1.31728	579145.01	4141456.41	1.11098
579165.01	4141456.41	0.95151	579185.01		

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4141456.41        0.82603
         579205.01    4141456.41        0.72506                    579225.01
4141456.41        0.64270
         579245.01    4141456.41        0.57341                    579265.01
4141456.41        0.51539
         578385.01    4141476.41        0.07354                    578405.01
4141476.41        0.08107
         578425.01    4141476.41        0.08990                    578445.01
4141476.41        0.10026
         578465.01    4141476.41        0.11297                    578485.01
4141476.41        0.12882
         578505.01    4141476.41        0.14742                    578525.01
4141476.41        0.17296
         578545.01    4141476.41        0.20127                    578565.01
4141476.41        0.24195
         578585.01    4141476.41        0.29830                    578605.01
4141476.41        0.38040
         578625.01    4141476.41        0.50841                    578645.01
4141476.41        0.72963
         579065.01    4141476.41        2.39096                    579085.01
4141476.41        1.85152
         579105.01    4141476.41        1.49086                    579125.01
4141476.41        1.23525
         579145.01    4141476.41        1.04600                    579165.01
4141476.41        0.89975
         579185.01    4141476.41        0.78172                    579205.01
4141476.41        0.68723
         579225.01    4141476.41        0.61006                    578385.01
4141496.41        0.07580
         578405.01    4141496.41        0.08370                    578425.01
4141496.41        0.09285
         578445.01    4141496.41        0.10366                    578465.01
4141496.41        0.11678
         578485.01    4141496.41        0.13310                    578505.01
4141496.41        0.15227
         578525.01    4141496.41        0.17877                    578545.01
4141496.41        0.20752
         578565.01    4141496.41        0.24757                    578585.01
4141496.41        0.30262
         578605.01    4141496.41        0.38102                    578625.01
4141496.41        0.50070
         578645.01    4141496.41        0.70854                    579085.01
4141496.41        1.69323
         579105.01    4141496.41        1.37621                    579125.01
4141496.41        1.14543
         579145.01    4141496.41        0.97331                    579165.01
4141496.41        0.84004
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	0.73258	579205.01	4141496.41	0.64556
578385.01	4141516.41	0.07788	578405.01	4141516.41	0.08636
578425.01	4141516.41	0.09619	578445.01	4141516.41	0.10754
578465.01	4141516.41	0.12131	578485.01	4141516.41	0.13827
578505.01	4141516.41	0.15849	578525.01	4141516.41	0.18673
578545.01	4141516.41	0.21641	578565.01	4141516.41	0.25874
578585.01	4141516.41	0.31493	578605.01	4141516.41	0.39379
578625.01	4141516.41	0.51208	578645.01	4141516.41	0.70863
579085.01	4141516.41	1.51544	579105.01	4141516.41	1.24615
579125.01	4141516.41	1.04525	579145.01	4141516.41	0.89278
579165.01	4141516.41	0.77382	578385.01	4141536.41	0.08045
578405.01	4141536.41	0.08916	578425.01	4141536.41	0.09960
578445.01	4141536.41	0.11207	578465.01	4141536.41	0.12673
578485.01	4141536.41	0.14474	578505.01	4141536.41	0.16634
578525.01	4141536.41	0.19757	578545.01	4141536.41	0.22864
578565.01	4141536.41	0.27510	578585.01		

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4141536.41        0.33658
         578605.01    4141536.41        0.42164                    578625.01
4141536.41        0.54917
         578645.01    4141536.41        0.75103                    578665.01
4141536.41        1.10911
         579105.01    4141536.41        1.10171                    579125.01
4141536.41        0.93509
         579185.01    4141536.41        0.61893                    578385.01
4141556.41        0.08348
         578405.01    4141556.41        0.09273                    578425.01
4141556.41        0.10368
         578445.01    4141556.41        0.11696                    578465.01
4141556.41        0.13311
         578485.01    4141556.41        0.15255                    578505.01
4141556.41        0.17643
         578525.01    4141556.41        0.20951                    578545.01
4141556.41        0.24519
         578565.01    4141556.41        0.29705                    578585.01
4141556.41        0.36718
         578605.01    4141556.41        0.46758                    578625.01
4141556.41        0.61686
         578645.01    4141556.41        0.85674                    578665.01
4141556.41        1.28022
         578685.01    4141556.41        2.14859                    579165.01
4141556.41        0.62986
         579185.01    4141556.41        0.55871                    579205.01
4141556.41        0.49925
         578385.01    4141576.41        0.08722                    578405.01
4141576.41        0.09712
         578425.01    4141576.41        0.10899                    578445.01
4141576.41        0.12338
         578465.01    4141576.41        0.14068                    578485.01
4141576.41        0.16216
         578505.01    4141576.41        0.18946                    578525.01
4141576.41        0.22645
         578545.01    4141576.41        0.26921                    578565.01
4141576.41        0.32930
         578585.01    4141576.41        0.41267                    578605.01
4141576.41        0.53414
         578625.01    4141576.41        0.72207                    578645.01
4141576.41        1.03841
         578665.01    4141576.41        1.60783                    578685.01
4141576.41        2.71983
         578705.01    4141576.41        4.53896                    579145.01
4141576.41        0.62915
         579165.01    4141576.41        0.55838                    579185.01
4141576.41        0.49944
         579205.01    4141576.41        0.44912                    579225.01
4141576.41        0.40607
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.36857	579265.01	4141576.41	0.33669
578385.01	4141596.41	0.09172	578405.01	4141596.41	0.10277
578425.01	4141596.41	0.11571	578445.01	4141596.41	0.13168
578465.01	4141596.41	0.15109	578485.01	4141596.41	0.17537
578505.01	4141596.41	0.20712	578525.01	4141596.41	0.24921
578545.01	4141596.41	0.30091	578565.01	4141596.41	0.37453
578585.01	4141596.41	0.47709	578605.01	4141596.41	0.62778
578625.01	4141596.41	0.86324	578645.01	4141596.41	1.25169
578665.01	4141596.41	1.91723	578685.01	4141596.41	2.96972
578705.01	4141596.41	4.27542	578725.01	4141596.41	5.67035
578745.01	4141596.41	7.04203	579105.01	4141596.41	0.69479
579145.01	4141596.41	0.54796	579165.01	4141596.41	0.49102
579185.01	4141596.41	0.44251	579205.01	4141596.41	0.40086
579225.01	4141596.41	0.36466	579245.01	4141596.41	0.33304
579265.01	4141596.41	0.30566	579285.01		

4141596.41 0.28013
579305.01 4141596.41 0.25911 579325.01
4141596.41 0.24010
579345.01 4141596.41 0.22353 578385.01
4141616.41 0.09700
578405.01 4141616.41 0.10941 578425.01
4141616.41 0.12431
578445.01 4141616.41 0.14229 578465.01
4141616.41 0.16454
578485.01 4141616.41 0.19260 578505.01
4141616.41 0.22931
578525.01 4141616.41 0.28008 578545.01
4141616.41 0.34078
578565.01 4141616.41 0.43026 578585.01
4141616.41 0.55502
578605.01 4141616.41 0.73818 578625.01
4141616.41 1.01531
578645.01 4141616.41 1.43408 578665.01
4141616.41 2.06110
578685.01 4141616.41 2.90713 578705.01
4141616.41 3.87606
578725.01 4141616.41 4.85895 578745.01
4141616.41 5.89001
579065.01 4141616.41 0.75608 579085.01
4141616.41 0.66487
579105.01 4141616.41 0.59034 579125.01
4141616.41 0.52843
579165.01 4141616.41 0.42937 579185.01
4141616.41 0.39007
579205.01 4141616.41 0.35562 579225.01
4141616.41 0.32549
579245.01 4141616.41 0.29890 579265.01
4141616.41 0.27552
579285.01 4141616.41 0.25326 579305.01
4141616.41 0.23517
579325.01 4141616.41 0.21906 579345.01
4141616.41 0.20487
578385.01 4141636.41 0.10359 578405.01
4141636.41 0.11747
578425.01 4141636.41 0.13433 578445.01
4141636.41 0.15517
578465.01 4141636.41 0.18117 578485.01
4141636.41 0.21362
578505.01 4141636.41 0.25626 578525.01
4141636.41 0.31326
578545.01 4141636.41 0.38744 578565.01
4141636.41 0.49128
578585.01 4141636.41 0.63849 578605.01
4141636.41 0.84512
578625.01 4141636.41 1.13654 578645.01

4141636.41   1.54498

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S):   GRADING   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	2.07861	578685.01	4141636.41	2.72587
578705.01	4141636.41	3.43172	578725.01	4141636.41	4.13120
579045.01	4141636.41	0.72311	579065.01	4141636.41	0.63243
579085.01	4141636.41	0.56094	579105.01	4141636.41	0.50220
579125.01	4141636.41	0.45232	579165.01	4141636.41	0.37369
579185.01	4141636.41	0.34171	579205.01	4141636.41	0.31362
579225.01	4141636.41	0.28868	579245.01	4141636.41	0.26675
579265.01	4141636.41	0.24681	579285.01	4141636.41	0.22872
579305.01	4141636.41	0.21316	579325.01	4141636.41	0.19911
579345.01	4141636.41	0.18655	578385.01	4141656.41	0.11172
578405.01	4141656.41	0.12743	578425.01	4141656.41	0.14629
578445.01	4141656.41	0.17001	578465.01	4141656.41	0.20060
578485.01	4141656.41	0.23846	578505.01	4141656.41	0.28943
578525.01	4141656.41	0.35284	578545.01		

4141656.41 0.43818
578565.01 4141656.41 0.55437 578585.01
4141656.41 0.71254
578605.01 4141656.41 0.92735 578625.01
4141656.41 1.21668
578645.01 4141656.41 1.58052 578665.01
4141656.41 2.01509
578685.01 4141656.41 2.51568 578705.01
4141656.41 3.00617
578725.01 4141656.41 3.50977 579005.01
4141656.41 0.81193
579025.01 4141656.41 0.69159 579045.01
4141656.41 0.60051
579065.01 4141656.41 0.53026 579085.01
4141656.41 0.47357
579105.01 4141656.41 0.42699 579125.01
4141656.41 0.38742
579145.01 4141656.41 0.35355 579185.01
4141656.41 0.29847
579205.01 4141656.41 0.27573 579225.01
4141656.41 0.25544
579245.01 4141656.41 0.23743 579265.01
4141656.41 0.22039
579285.01 4141656.41 0.20560 579305.01
4141656.41 0.19268
579325.01 4141656.41 0.18036 579345.01
4141656.41 0.16938
578385.01 4141676.41 0.12137 578405.01
4141676.41 0.13886
578425.01 4141676.41 0.16028 578445.01
4141676.41 0.18737
578465.01 4141676.41 0.22233 578485.01
4141676.41 0.26560
578505.01 4141676.41 0.32352 578525.01
4141676.41 0.39506
578545.01 4141676.41 0.48919 578565.01
4141676.41 0.61292
578585.01 4141676.41 0.77499 578605.01
4141676.41 0.98250
578625.01 4141676.41 1.24442 578645.01
4141676.41 1.55985
578665.01 4141676.41 1.91197 578685.01
4141676.41 2.26861
578705.01 4141676.41 2.62491 578985.01
4141676.41 0.77093
579005.01 4141676.41 0.65463 579025.01
4141676.41 0.56667
579045.01 4141676.41 0.49871 579065.01
4141676.41 0.44382
579085.01 4141676.41 0.39984 579105.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.28102	579185.01	4141676.41	0.26036
579205.01	4141676.41	0.24199	579225.01	4141676.41	0.22554
579245.01	4141676.41	0.21072	579265.01	4141676.41	0.19731
579285.01	4141676.41	0.18482	579305.01	4141676.41	0.17313
579325.01	4141676.41	0.16329	579345.01	4141676.41	0.15444
578385.01	4141696.41	0.13216	578405.01	4141696.41	0.15184
578425.01	4141696.41	0.17658	578445.01	4141696.41	0.20795
578465.01	4141696.41	0.24630	578485.01	4141696.41	0.29401
578505.01	4141696.41	0.35710	578525.01	4141696.41	0.43618
578565.01	4141696.41	0.66102	578585.01	4141696.41	0.81879
578605.01	4141696.41	1.01148	578625.01	4141696.41	1.23762
578645.01	4141696.41	1.49773	578665.01	4141696.41	1.76858
578685.01	4141696.41	2.03110	578945.01		

4141696.41 0.84396
578965.01 4141696.41 0.70617 578985.01
4141696.41 0.60443
579005.01 4141696.41 0.52579 579025.01
4141696.41 0.46300
579045.01 4141696.41 0.41251 579065.01
4141696.41 0.37161
579085.01 4141696.41 0.33723 579105.01
4141696.41 0.30835
579125.01 4141696.41 0.28362 579145.01
4141696.41 0.26238
579165.01 4141696.41 0.24369 579185.01
4141696.41 0.22711
579205.01 4141696.41 0.21229 579225.01
4141696.41 0.19894
579245.01 4141696.41 0.18666 579265.01
4141696.41 0.17579
579285.01 4141696.41 0.16569 579305.01
4141696.41 0.15586
579325.01 4141696.41 0.14774 579345.01
4141696.41 0.14002
578385.01 4141716.41 0.14426 578405.01
4141716.41 0.16664
578425.01 4141716.41 0.19470 578445.01
4141716.41 0.22913
578465.01 4141716.41 0.27039 578485.01
4141716.41 0.32214
578505.01 4141716.41 0.38969 578525.01
4141716.41 0.47362
578605.01 4141716.41 1.01269 578625.01
4141716.41 1.20624
578645.01 4141716.41 1.41347 578665.01
4141716.41 1.61436
578685.01 4141716.41 1.80666 578905.01
4141716.41 0.85535
578925.01 4141716.41 0.72047 578945.01
4141716.41 0.62148
578965.01 4141716.41 0.54156 578985.01
4141716.41 0.47656
579005.01 4141716.41 0.42284 579025.01
4141716.41 0.37899
579045.01 4141716.41 0.34222 579065.01
4141716.41 0.31109
579085.01 4141716.41 0.28517 579105.01
4141716.41 0.26284
579125.01 4141716.41 0.24350 579145.01
4141716.41 0.22661
579165.01 4141716.41 0.21170 579185.01
4141716.41 0.19838
579205.01 4141716.41 0.18641 579225.01

4141716.41 0.17555
  579245.01 4141716.41 0.16495 579265.01 4141716.41 0.15634
  579285.01 4141716.41 0.14810 579305.01 4141716.41 0.13986

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.13293	579345.01	4141716.41	0.12667
578385.01	4141736.41	0.15738	578405.01	4141736.41	0.18271
578425.01	4141736.41	0.21328	578445.01	4141736.41	0.24949
578465.01	4141736.41	0.29356	578485.01	4141736.41	0.34851
578505.01	4141736.41	0.42365	578625.01	4141736.41	1.15329
578645.01	4141736.41	1.30968	578665.01	4141736.41	1.45895
578865.01	4141736.41	1.04504	578885.01	4141736.41	0.81613
578905.01	4141736.41	0.66231	578925.01	4141736.41	0.55805
578945.01	4141736.41	0.48531	578965.01	4141736.41	0.42845
578985.01	4141736.41	0.38341	579005.01	4141736.41	0.34542
579025.01	4141736.41	0.31310	579045.01	4141736.41	0.28551
579065.01	4141736.41	0.26236	579085.01		

4141736.41 0.24253
579105.01 4141736.41 0.22510 579125.01
4141736.41 0.20987
579145.01 4141736.41 0.19643 579165.01
4141736.41 0.18447
579185.01 4141736.41 0.17373 579205.01
4141736.41 0.16403
579225.01 4141736.41 0.15518 579245.01
4141736.41 0.14700
579265.01 4141736.41 0.13915 579285.01
4141736.41 0.13233
579305.01 4141736.41 0.12627 579325.01
4141736.41 0.12031
579345.01 4141736.41 0.11473 578385.01
4141756.41 0.17189
578405.01 4141756.41 0.19903 578425.01
4141756.41 0.23128
578445.01 4141756.41 0.26988 578465.01
4141756.41 0.31604
578485.01 4141756.41 0.37548 578845.01
4141756.41 0.98660
578865.01 4141756.41 0.79019 578885.01
4141756.41 0.64403
578905.01 4141756.41 0.53649 578925.01
4141756.41 0.45674
578945.01 4141756.41 0.39745 578965.01
4141756.41 0.35285
578985.01 4141756.41 0.31715 579005.01
4141756.41 0.28763
579025.01 4141756.41 0.26289 579045.01
4141756.41 0.24201
579065.01 4141756.41 0.22379 579085.01
4141756.41 0.20796
579105.01 4141756.41 0.19412 579125.01
4141756.41 0.18195
579145.01 4141756.41 0.17114 579165.01
4141756.41 0.16146
579185.01 4141756.41 0.15271 579205.01
4141756.41 0.14480
579225.01 4141756.41 0.13754 579245.01
4141756.41 0.13086
579265.01 4141756.41 0.12468 579285.01
4141756.41 0.11875
579305.01 4141756.41 0.11337 579325.01
4141756.41 0.10859
579345.01 4141756.41 0.10390 578385.01
4141776.41 0.18590
578405.01 4141776.41 0.21480 578425.01
4141776.41 0.24773
578445.01 4141776.41 0.28723 578465.01

4141776.41 0.33540
  578485.01 4141776.41 0.39489 578825.01 4141776.41 0.89363
  578845.01 4141776.41 0.75205 578865.01 4141776.41 0.62667
  578885.01 4141776.41 0.52443 578905.01 4141776.41 0.44651

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	0.38474	578945.01	4141776.41	0.33647
578965.01	4141776.41	0.29858	578985.01	4141776.41	0.26930
579005.01	4141776.41	0.24531	579025.01	4141776.41	0.22509
579045.01	4141776.41	0.20787	579065.01	4141776.41	0.19305
579085.01	4141776.41	0.18017	579105.01	4141776.41	0.16888
579125.01	4141776.41	0.15894	579145.01	4141776.41	0.15008
579165.01	4141776.41	0.14212	579185.01	4141776.41	0.13491
579205.01	4141776.41	0.12836	579225.01	4141776.41	0.12235
579245.01	4141776.41	0.11679	579265.01	4141776.41	0.11165
579285.01	4141776.41	0.10685	579305.01	4141776.41	0.10199
579325.01	4141776.41	0.09816	579345.01		

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4141776.41        0.09420
         578405.01    4141796.41        0.22875                   578425.01
4141796.41        0.26272
         578445.01    4141796.41        0.30286                   578465.01
4141796.41        0.35414
         578805.01    4141796.41        0.80962                   578825.01
4141796.41        0.70020
         578845.01    4141796.41        0.59425                   578865.01
4141796.41        0.51085
         578885.01    4141796.41        0.43816                   578905.01
4141796.41        0.37824
         578925.01    4141796.41        0.32963                   578945.01
4141796.41        0.29043
         578965.01    4141796.41        0.25915                   578985.01
4141796.41        0.23393
         579005.01    4141796.41        0.21323                   579025.01
4141796.41        0.19596
         579045.01    4141796.41        0.18132                   579065.01
4141796.41        0.16878
         579085.01    4141796.41        0.15792                   579105.01
4141796.41        0.14841
         579125.01    4141796.41        0.14006                   579145.01
4141796.41        0.13261
         579165.01    4141796.41        0.12593                   579185.01
4141796.41        0.11987
         579205.01    4141796.41        0.11438                   579225.01
4141796.41        0.10932
         579245.01    4141796.41        0.10465                   579265.01
4141796.41        0.10031
         579285.01    4141796.41        0.09613                   579305.01
4141796.41        0.09217
         579325.01    4141796.41        0.08866                   579345.01
4141796.41        0.08532
         578445.01    4141816.41        0.31728                   578585.01
4141816.41        0.72922
         578605.01    4141816.41        0.79237                   578665.01
4141816.41        0.92161
         578685.01    4141816.41        0.93493                   578785.01
4141816.41        0.73477
         578805.01    4141816.41        0.65176                   578825.01
4141816.41        0.56606
         578845.01    4141816.41        0.48812                   578865.01
4141816.41        0.42561
         578885.01    4141816.41        0.37156                   578905.01
4141816.41        0.32517
         578925.01    4141816.41        0.28637                   578945.01
4141816.41        0.25426
         578965.01    4141816.41        0.22795                   578985.01
4141816.41        0.20629
         579005.01    4141816.41        0.18831                   579025.01
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4141816.41 0.17321
579045.01 4141816.41 0.16041 579065.01
4141816.41 0.14947
579085.01 4141816.41 0.14002 579105.01
4141816.41 0.13179
579125.01 4141816.41 0.12457 579145.01
4141816.41 0.11815
579165.01 4141816.41 0.11240 579185.01
4141816.41 0.10721

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.10251	579225.01	4141816.41	0.09818
579245.01	4141816.41	0.09416	579265.01	4141816.41	0.09008
579285.01	4141816.41	0.08680	579305.01	4141816.41	0.08382
579325.01	4141816.41	0.08064	579345.01	4141816.41	0.07773
578565.01	4141836.41	0.63160	578585.01	4141836.41	0.68349
578605.01	4141836.41	0.73297	578625.01	4141836.41	0.77189
578645.01	4141836.41	0.79877	578665.01	4141836.41	0.81404
578685.01	4141836.41	0.81376	578705.01	4141836.41	0.79825
578725.01	4141836.41	0.76939	578765.01	4141836.41	0.66946
578785.01	4141836.41	0.60413	578805.01		

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4141836.41        0.53544
         578825.01    4141836.41        0.46906                    578845.01
4141836.41        0.41073
         578865.01    4141836.41        0.36270                    578885.01
4141836.41        0.31978
         578905.01    4141836.41        0.28298                    578925.01
4141836.41        0.25154
         578945.01    4141836.41        0.22497                    578965.01
4141836.41        0.20270
         578985.01    4141836.41        0.18403                    579005.01
4141836.41        0.16830
         579025.01    4141836.41        0.15498                    579045.01
4141836.41        0.14364
         579065.01    4141836.41        0.13391                    579085.01
4141836.41        0.12551
         579105.01    4141836.41        0.11821                    579125.01
4141836.41        0.11182
         579145.01    4141836.41        0.10616                    579165.01
4141836.41        0.10110
         579185.01    4141836.41        0.09656                    579205.01
4141836.41        0.09244
         579225.01    4141836.41        0.08868                    579245.01
4141836.41        0.08522
         579265.01    4141836.41        0.08176                    579285.01
4141836.41        0.07881
         579305.01    4141836.41        0.07617                    579325.01
4141836.41        0.07340
         579345.01    4141836.41        0.07112                    578565.01
4141856.41        0.59719
         578585.01    4141856.41        0.63789                    578605.01
4141856.41        0.67265
         578625.01    4141856.41        0.69853                    578645.01
4141856.41        0.71355
         578665.01    4141856.41        0.71699                    578685.01
4141856.41        0.70768
         578705.01    4141856.41        0.68639                    578725.01
4141856.41        0.65412
         578745.01    4141856.41        0.61093                    578765.01
4141856.41        0.56021
         578785.01    4141856.41        0.50504                    578805.01
4141856.41        0.44898
         578825.01    4141856.41        0.39617                    578845.01
4141856.41        0.35215
         578865.01    4141856.41        0.31282                    578885.01
4141856.41        0.27851
         578905.01    4141856.41        0.24880                    578925.01
4141856.41        0.22296
         578945.01    4141856.41        0.20073                    578965.01
4141856.41        0.18174
         578985.01    4141856.41        0.16559                    579005.01
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4141856.41 0.15180
  579025.01 4141856.41 0.13999 579045.01
4141856.41 0.12986
  579065.01 4141856.41 0.12113 579085.01
4141856.41 0.11357
  579105.01 4141856.41 0.10700 579125.01
4141856.41 0.10124
  579145.01 4141856.41 0.09615 579165.01
4141856.41 0.09162
  579185.01 4141856.41 0.08757 579205.01
4141856.41 0.08391

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.08056	579245.01	4141856.41	0.07751
579265.01	4141856.41	0.07463	579285.01	4141856.41	0.07206
579305.01	4141856.41	0.06961	579325.01	4141856.41	0.06707
579345.01	4141856.41	0.06515	578545.01	4141876.41	0.52396
578565.01	4141876.41	0.55992	578585.01	4141876.41	0.59030
578605.01	4141876.41	0.61418	578625.01	4141876.41	0.62967
578645.01	4141876.41	0.63565	578665.01	4141876.41	0.63136
578685.01	4141876.41	0.61666	578705.01	4141876.41	0.59255
578725.01	4141876.41	0.55909	578745.01		

4141876.41 0.51865
578765.01 4141876.41 0.47372 578785.01
4141876.41 0.42722
578805.01 4141876.41 0.38202 578825.01
4141876.41 0.34065
578845.01 4141876.41 0.30441 578865.01
4141876.41 0.27260
578885.01 4141876.41 0.24514 578905.01
4141876.41 0.22067
578925.01 4141876.41 0.19916 578945.01
4141876.41 0.18040
578965.01 4141876.41 0.16413 578985.01
4141876.41 0.15005
579005.01 4141876.41 0.13790 579025.01
4141876.41 0.12741
579045.01 4141876.41 0.11833 579065.01
4141876.41 0.11045
579085.01 4141876.41 0.10359 579105.01
4141876.41 0.09762
579125.01 4141876.41 0.09238 579145.01
4141876.41 0.08774
579165.01 4141876.41 0.08362 579185.01
4141876.41 0.07995
579205.01 4141876.41 0.07664 579225.01
4141876.41 0.07363
579245.01 4141876.41 0.07088 579265.01
4141876.41 0.06835
579285.01 4141876.41 0.06601 579305.01
4141876.41 0.06384
579325.01 4141876.41 0.06161 579345.01
4141876.41 0.05988
578545.01 4141896.41 0.49409 578565.01
4141896.41 0.52137
578585.01 4141896.41 0.54345 578605.01
4141896.41 0.55922
578625.01 4141896.41 0.56672 578645.01
4141896.41 0.56574
578665.01 4141896.41 0.55664 578685.01
4141896.41 0.53888
578705.01 4141896.41 0.51264 578725.01
4141896.41 0.48075
578745.01 4141896.41 0.44439 578765.01
4141896.41 0.40532
578785.01 4141896.41 0.36643 578805.01
4141896.41 0.32941
578825.01 4141896.41 0.29606 578845.01
4141896.41 0.26621
578865.01 4141896.41 0.24037 578885.01
4141896.41 0.21759
578905.01 4141896.41 0.19719 578925.01

4141896.41 0.17909
  578945.01 4141896.41 0.16311 578965.01
4141896.41 0.14908
  578985.01 4141896.41 0.13679 579005.01
4141896.41 0.12605
  579025.01 4141896.41 0.11667 579045.01
4141896.41 0.10850
  579065.01 4141896.41 0.10137 579085.01
4141896.41 0.09513
  579105.01 4141896.41 0.08967 579125.01
4141896.41 0.08486
  579145.01 4141896.41 0.08060 579165.01
4141896.41 0.07682

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.07345	579205.01	4141896.41	0.07042
579225.01	4141896.41	0.06767	579245.01	4141896.41	0.06517
579265.01	4141896.41	0.06288	579285.01	4141896.41	0.06075
579305.01	4141896.41	0.05879	579325.01	4141896.41	0.05696
579345.01	4141896.41	0.05525	578565.01	4141916.41	0.48412
578585.01	4141916.41	0.49821	578605.01	4141916.41	0.50740
578625.01	4141916.41	0.50901	578645.01	4141916.41	0.50356
578665.01	4141916.41	0.49110	578685.01		

4141916.41 0.47123
578705.01 4141916.41 0.44571 578725.01
4141916.41 0.41623
578745.01 4141916.41 0.38314 578765.01
4141916.41 0.34994
578785.01 4141916.41 0.31751 578805.01
4141916.41 0.28700
578825.01 4141916.41 0.25953 578845.01
4141916.41 0.23518
578865.01 4141916.41 0.21373 578885.01
4141916.41 0.19457
578905.01 4141916.41 0.17739 578925.01
4141916.41 0.16200
578945.01 4141916.41 0.14827 578965.01
4141916.41 0.13608
578985.01 4141916.41 0.12529 579005.01
4141916.41 0.11577
579025.01 4141916.41 0.10739 579045.01
4141916.41 0.10002
579065.01 4141916.41 0.09354 579085.01
4141916.41 0.08784
579105.01 4141916.41 0.08283 579125.01
4141916.41 0.07840
579145.01 4141916.41 0.07447 579165.01
4141916.41 0.07098
579185.01 4141916.41 0.06786 578386.27
4141125.26 0.07194
578406.27 4141125.26 0.08170 578426.27
4141125.26 0.09294
578446.27 4141125.26 0.10641 578466.27
4141125.26 0.12319
578486.27 4141125.26 0.14296 578506.27
4141125.26 0.16677
578526.27 4141125.26 0.19403 578546.27
4141125.26 0.22658
578566.27 4141125.26 0.26517 578586.27
4141125.26 0.31187
578606.27 4141125.26 0.37399 578626.27
4141125.26 0.43375
578646.27 4141125.26 0.51301 578666.27
4141125.26 0.62010
578686.27 4141125.26 0.73535 578706.27
4141125.26 0.85612
578726.27 4141125.26 1.01703 578746.27
4141125.26 1.23151
578766.27 4141125.26 1.45314 578786.27
4141125.26 1.69772
578806.27 4141125.26 1.96471 578826.27
4141125.26 2.23114
578846.27 4141125.26 2.49045 578866.27

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.38515	579186.27	4141125.26	1.22968
579206.27	4141125.26	1.09460	578386.27	4141145.26	0.07073
578406.27	4141145.26	0.08033	578426.27	4141145.26	0.09194
578446.27	4141145.26	0.10526	578466.27	4141145.26	0.12156
578486.27	4141145.26	0.14202	578506.27	4141145.26	0.16606
578526.27	4141145.26	0.19817	578546.27	4141145.26	0.22887
578566.27	4141145.26	0.26992	578586.27		

4141145.26 0.31839
578606.27 4141145.26 0.37827 578626.27
4141145.26 0.45770
578646.27 4141145.26 0.54576 578666.27
4141145.26 0.63907
578686.27 4141145.26 0.76409 578706.27
4141145.26 0.91553
578726.27 4141145.26 1.12164 578746.27
4141145.26 1.34039
578766.27 4141145.26 1.58932 578786.27
4141145.26 1.86742
578806.27 4141145.26 2.16882 578826.27
4141145.26 2.47611
578846.27 4141145.26 2.76452 578866.27
4141145.26 3.03424
578886.27 4141145.26 3.25824 578906.27
4141145.26 3.42193
578926.27 4141145.26 3.51484 578946.27
4141145.26 3.52789
578966.27 4141145.26 3.47007 578986.27
4141145.26 3.35306
579006.27 4141145.26 3.18430 579026.27
4141145.26 2.97300
579046.27 4141145.26 2.73386 579066.27
4141145.26 2.48773
579086.27 4141145.26 2.24732 579106.27
4141145.26 2.00819
579126.27 4141145.26 1.78823 579146.27
4141145.26 1.58141
579166.27 4141145.26 1.39514 579186.27
4141145.26 1.23004
579206.27 4141145.26 1.08886 578723.62
4141929.59 0.38163
578743.62 4141929.59 0.35162 578763.62
4141929.59 0.32142
578783.62 4141929.59 0.29221 578803.62
4141929.59 0.26509
578823.62 4141929.59 0.24070 578843.62
4141929.59 0.21905
578863.62 4141929.59 0.19979 578883.62
4141929.59 0.18254
578903.62 4141929.59 0.16700 578923.62
4141929.59 0.15299
578943.62 4141929.59 0.14042 578963.62
4141929.59 0.12919
578983.62 4141929.59 0.11919 579003.62
4141929.59 0.11031
579023.62 4141929.59 0.10244 579043.62
4141929.59 0.09549
579063.62 4141929.59 0.08934 579083.62

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4141929.59        0.08392
         579103.62    4141929.59        0.07913                       579123.62
4141929.59        0.07490
         579143.62    4141929.59        0.07114                       579163.62
4141929.59        0.06778
         579183.62    4141929.59        0.06479                       578725.67
4141942.60        0.34635
         578745.67    4141942.60        0.31925                       578765.67
4141942.60        0.29183
         578785.67    4141942.60        0.26583                       578805.67
4141942.60        0.24200
         578825.67    4141942.60        0.22063                       578845.67
4141942.60        0.20160
         578865.67    4141942.60        0.18457                       578885.67
4141942.60        0.16922
         578905.67    4141942.60        0.15534                       578925.67
4141942.60        0.14277
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 468
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         578945.67    4141942.60        0.13143                       578965.67
4141942.60        0.12124
         578985.67    4141942.60        0.11212                       579005.67
4141942.60        0.10398
         579025.67    4141942.60        0.09674                       579045.67
4141942.60        0.09030
         579065.67    4141942.60        0.08460                       579085.67
4141942.60        0.07954
         579105.67    4141942.60        0.07506                       579125.67
4141942.60        0.07108
         579145.67    4141942.60        0.06755                       579165.67
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4141942.60 0.06439
579185.67 4141942.60 0.06156 578745.52
4141955.60 0.29315
578765.52 4141955.60 0.26856 578785.52
4141955.60 0.24530
578805.52 4141955.60 0.22406 578825.52
4141955.60 0.20500
578845.52 4141955.60 0.18798 578865.52
4141955.60 0.17266
578885.52 4141955.60 0.15881 578905.52
4141955.60 0.14622
578925.52 4141955.60 0.13477 578945.52
4141955.60 0.12438
578965.52 4141955.60 0.11500 578985.52
4141955.60 0.10656
579005.52 4141955.60 0.09899 579025.52
4141955.60 0.09222
579045.52 4141955.60 0.08618 579065.52
4141955.60 0.08081
579085.52 4141955.60 0.07602 579105.52
4141955.60 0.07177
579125.52 4141955.60 0.06798 579145.52
4141955.60 0.06460
579165.52 4141955.60 0.06158 579185.52
4141955.60 0.05888
578785.22 4141971.34 0.22362 578805.22
4141971.34 0.20505
578825.22 4141971.34 0.18837 578845.22
4141971.34 0.17339
578865.22 4141971.34 0.15982 578885.22
4141971.34 0.14755
578905.22 4141971.34 0.13630 578925.22
4141971.34 0.12602
578945.22 4141971.34 0.11665 578965.22
4141971.34 0.10813
578985.22 4141971.34 0.10042 579005.22
4141971.34 0.09347
579025.22 4141971.34 0.08722 579045.22
4141971.34 0.08162
579065.22 4141971.34 0.07661 579085.22
4141971.34 0.07213
579105.22 4141971.34 0.06813 579125.22
4141971.34 0.06456
579145.22 4141971.34 0.06136 579165.22
4141971.34 0.05850
579185.22 4141971.34 0.05593 578790.01
4141986.40 0.20105
578810.01 4141986.40 0.18519 578830.01
4141986.40 0.17081
578850.01 4141986.40 0.15781 578870.01

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4141986.40        0.14601
         578890.01    4141986.40        0.13523                       578910.01
4141986.40        0.12531
         578930.01    4141986.40        0.11620                       578950.01
4141986.40        0.10788
         578970.01    4141986.40        0.10027                       578990.01
4141986.40        0.09337
         579010.01    4141986.40        0.08711                       579030.01
4141986.40        0.08146
         579050.01    4141986.40        0.07638                       579070.01
4141986.40        0.07181
         579090.01    4141986.40        0.06772                       579110.01
4141986.40        0.06405
         579130.01    4141986.40        0.06076                       579150.01
4141986.40        0.05781
         579170.01    4141986.40        0.05516                       579190.01
4141986.40        0.05276
         578810.54    4142001.46        0.17095                       578830.54
4142001.46        0.15819
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                   PAGE 469
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP19  ***
                                   INCLUDING SOURCE(S):     GRADING     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578850.54    4142001.46        0.14660                       578870.54
4142001.46        0.13606
         578890.54    4142001.46        0.12637                       578910.54
4142001.46        0.11743
         578930.54    4142001.46        0.10918                       578950.54
4142001.46        0.10160
         578970.54    4142001.46        0.09465                       578990.54
4142001.46        0.08831
         579010.54    4142001.46        0.08254                       579030.54
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4142001.46 0.07731
579050.54 4142001.46 0.07258 579070.54
4142001.46 0.06831
579090.54 4142001.46 0.06448 579110.54
4142001.46 0.06103
579130.54 4142001.46 0.05792 579150.54
4142001.46 0.05513
579170.54 4142001.46 0.05261 579190.54
4142001.46 0.05034

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.05732	578405.01	4141176.41	0.06456
578425.01	4141176.41	0.07328	578445.01	4141176.41	0.08396
578465.01	4141176.41	0.09656	578485.01	4141176.41	0.11236
578505.01	4141176.41	0.13256	578525.01	4141176.41	0.15729
578545.01	4141176.41	0.18846	578565.01	4141176.41	0.22584
578585.01	4141176.41	0.27185	578605.01	4141176.41	0.32751
578625.01	4141176.41	0.39382	578645.01	4141176.41	0.47453
578665.01	4141176.41	0.57613	578685.01	4141176.41	0.70557
578705.01	4141176.41	0.86633	578725.01	4141176.41	1.07042
578745.01	4141176.41	1.33199	578765.01		

4141176.41 1.65240
578785.01 4141176.41 2.04188 578805.01
4141176.41 2.48989
578825.01 4141176.41 2.98001 578845.01
4141176.41 3.47563
578865.01 4141176.41 3.90945 578885.01
4141176.41 4.25757
578905.01 4141176.41 4.48126 578925.01
4141176.41 4.57018
578945.01 4141176.41 4.53048 578965.01
4141176.41 4.36509
578985.01 4141176.41 4.10702 579005.01
4141176.41 3.78026
579025.01 4141176.41 3.42537 579045.01
4141176.41 3.06163
579065.01 4141176.41 2.70343 579085.01
4141176.41 2.36081
579105.01 4141176.41 2.04821 579125.01
4141176.41 1.77069
579145.01 4141176.41 1.52886 579165.01
4141176.41 1.31972
579185.01 4141176.41 1.14515 579205.01
4141176.41 0.99577
579225.01 4141176.41 0.86980 578385.01
4141196.41 0.05622
578405.01 4141196.41 0.06338 578425.01
4141196.41 0.07202
578445.01 4141196.41 0.08235 578465.01
4141196.41 0.09503
578485.01 4141196.41 0.11084 578505.01
4141196.41 0.13064
578525.01 4141196.41 0.15581 578545.01
4141196.41 0.18728
578565.01 4141196.41 0.22647 578585.01
4141196.41 0.27465
578605.01 4141196.41 0.33303 578625.01
4141196.41 0.40447
578645.01 4141196.41 0.49459 578665.01
4141196.41 0.60883
578685.01 4141196.41 0.74979 578705.01
4141196.41 0.92942
578725.01 4141196.41 1.16056 578745.01
4141196.41 1.45827
578765.01 4141196.41 1.83499 578785.01
4141196.41 2.28486
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4141196.41 3.36465
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4141196.41 4.41266
578885.01 4141196.41 4.77243 578905.01

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4141196.41        4.40023
         579005.01    4141196.41        4.01785                       579025.01
4141196.41        3.61281
         579045.01    4141196.41        3.19516                       579065.01
4141196.41        2.79503
         579085.01    4141196.41        2.41225                       579105.01
4141196.41        2.06897
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 471
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20  ***
                                   INCLUDING SOURCE(S):     GRADINGD    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579125.01    4141196.41        1.77118                       579145.01
4141196.41        1.51944
         579165.01    4141196.41        1.30478                       579185.01
4141196.41        1.12377
         579205.01    4141196.41        0.97340                       579225.01
4141196.41        0.84862
         579245.01    4141196.41        0.74534                       578385.01
4141216.41        0.05509
         578405.01    4141216.41        0.06216                       578425.01
4141216.41        0.07061
         578445.01    4141216.41        0.08080                       578465.01
4141216.41        0.09336
         578485.01    4141216.41        0.10895                       578505.01
4141216.41        0.12840
         578525.01    4141216.41        0.15385                       578545.01
4141216.41        0.18575
         578565.01    4141216.41        0.22609                       578585.01
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4141216.41 0.27658
578605.01 4141216.41 0.33852 578625.01
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578645.01 4141216.41 0.51577 578665.01
4141216.41 0.63928
578685.01 4141216.41 0.79755 578705.01
4141216.41 0.99911
578725.01 4141216.41 1.26184 578745.01
4141216.41 1.60521
578765.01 4141216.41 2.04457 578785.01
4141216.41 2.57696
578805.01 4141216.41 3.18178 578825.01
4141216.41 3.82742
578845.01 4141216.41 4.45395 578925.01
4141216.41 5.57244
578945.01 4141216.41 5.41127 578965.01
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578985.01 4141216.41 4.73714 579005.01
4141216.41 4.28176
579025.01 4141216.41 3.79936 579045.01
4141216.41 3.32309
579065.01 4141216.41 2.87322 579085.01
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4141216.41 1.76658
579145.01 4141216.41 1.50269 579165.01
4141216.41 1.28080
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4141216.41 0.95028
579225.01 4141216.41 0.82911 579245.01
4141216.41 0.72820
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4141236.41 0.06096
578425.01 4141236.41 0.06922 578445.01
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4141236.41 0.15186
578545.01 4141236.41 0.18346 578565.01
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578585.01 4141236.41 0.27744 578605.01
4141236.41 0.34310
578625.01 4141236.41 0.42636 578645.01
4141236.41 0.53359
578665.01 4141236.41 0.67028 578685.01
4141236.41 0.84753
578705.01 4141236.41 1.07745 578725.01
4141236.41 1.38002
578745.01 4141236.41 1.77613 578765.01

4141236.41 2.28768
578785.01 4141236.41 2.92289 578805.01
4141236.41 3.63590
578825.01 4141236.41 4.38918 578945.01
4141236.41 5.93523
578965.01 4141236.41 5.55468 578985.01
4141236.41 5.09354
579005.01 4141236.41 4.55003 579025.01
4141236.41 3.99035
579045.01 4141236.41 3.44462 579065.01
4141236.41 2.93526
579085.01 4141236.41 2.48234 579105.01
4141236.41 2.08482

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	1.75085	579145.01	4141236.41	1.47554
579165.01	4141236.41	1.25316	579185.01	4141236.41	1.07278
579205.01	4141236.41	0.92723	579225.01	4141236.41	0.81007
579245.01	4141236.41	0.71297	578385.01	4141256.41	0.05280
578405.01	4141256.41	0.05971	578425.01	4141256.41	0.06798
578445.01	4141256.41	0.07775	578465.01	4141256.41	0.08971
578485.01	4141256.41	0.10474	578505.01	4141256.41	0.12430
578525.01	4141256.41	0.14898	578545.01		

4141256.41 0.18050
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4141256.41 0.27684
578605.01 4141256.41 0.34691 578625.01
4141256.41 0.43530
578645.01 4141256.41 0.54956 578665.01
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578685.01 4141256.41 0.89862 578705.01
4141256.41 1.16395
578725.01 4141256.41 1.51434 578745.01
4141256.41 1.97904
578765.01 4141256.41 2.58270 578785.01
4141256.41 3.33140
578805.01 4141256.41 4.19431 578965.01
4141256.41 6.02933
578985.01 4141256.41 5.45139 579005.01
4141256.41 4.83358
579025.01 4141256.41 4.17950 579045.01
4141256.41 3.56074
579065.01 4141256.41 2.99336 579085.01
4141256.41 2.49865
579105.01 4141256.41 2.07106 579125.01
4141256.41 1.72304
579145.01 4141256.41 1.44465 579165.01
4141256.41 1.22369
579185.01 4141256.41 1.04779 579205.01
4141256.41 0.90627
579225.01 4141256.41 0.79256 579245.01
4141256.41 0.70062
579265.01 4141256.41 0.62553 578385.01
4141276.41 0.05253
578405.01 4141276.41 0.05867 578425.01
4141276.41 0.06664
578445.01 4141276.41 0.07645 578465.01
4141276.41 0.08811
578485.01 4141276.41 0.10280 578505.01
4141276.41 0.12145
578525.01 4141276.41 0.14574 578545.01
4141276.41 0.17711
578565.01 4141276.41 0.21856 578585.01
4141276.41 0.27448
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4141276.41 0.44312
578645.01 4141276.41 0.56643 578665.01
4141276.41 0.73132
578685.01 4141276.41 0.95287 578705.01
4141276.41 1.25511
578725.01 4141276.41 1.67040 578745.01
4141276.41 2.22036
578765.01 4141276.41 2.94733 578785.01

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4141276.41        3.67264
         579065.01    4141276.41        3.04482                      579085.01
4141276.41        2.49406
         579105.01    4141276.41        2.04692                      579125.01
4141276.41        1.69085
         579145.01    4141276.41        1.41342                      579165.01
4141276.41        1.19494
         579185.01    4141276.41        1.02277                      579205.01
4141276.41        0.88645
         579225.01    4141276.41        0.77788                      579245.01
4141276.41        0.69041
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 473
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141296.41        0.05172
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4141296.41        0.06574
         578445.01    4141296.41        0.07508                      578465.01
4141296.41        0.08674
         578485.01    4141296.41        0.10112                      578505.01
4141296.41        0.11916
         578525.01    4141296.41        0.14261                      578545.01
4141296.41        0.17340
         578565.01    4141296.41        0.21457                      578585.01
4141296.41        0.27029
         578605.01    4141296.41        0.34577                      578625.01
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4141296.41 1.35768
578725.01 4141296.41 1.84330 578745.01
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4141296.41 4.56310
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4141296.41 3.06314
579085.01 4141296.41 2.47810 579105.01
4141296.41 2.01615
579125.01 4141296.41 1.65614 579145.01
4141296.41 1.37779
579165.01 4141296.41 1.16612 579185.01
4141296.41 0.99951
579205.01 4141296.41 0.86918 579225.01
4141296.41 0.76602
579245.01 4141296.41 0.68255 579265.01
4141296.41 0.61549
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578405.01 4141316.41 0.05790 578425.01
4141316.41 0.06604
578445.01 4141316.41 0.07453 578465.01
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578485.01 4141316.41 0.09935 578505.01
4141316.41 0.11712
578525.01 4141316.41 0.13990 578545.01
4141316.41 0.16979
578565.01 4141316.41 0.21035 578585.01
4141316.41 0.26589
578605.01 4141316.41 0.34302 578625.01
4141316.41 0.44890
578645.01 4141316.41 0.59513 578665.01
4141316.41 0.79449
578685.01 4141316.41 1.07286 578705.01
4141316.41 1.47196
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579125.01 4141316.41 1.61710 579145.01
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579205.01 4141316.41 0.85497 579225.01

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4141336.41        0.05292
         578405.01    4141336.41        0.05847                       578425.01
4141336.41        0.06539
         578445.01    4141336.41        0.07443                       578465.01
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         578525.01    4141336.41        0.13738                       578545.01
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         578565.01    4141336.41        0.20599                       578585.01
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4141336.41        0.44841
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 474
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         578685.01    4141336.41        1.13817                       578705.01
4141336.41        1.60316
         579025.01    4141336.41        4.91984                       579045.01
4141336.41        3.90828
         579065.01    4141336.41        3.06840                       579085.01
4141336.41        2.41818
         579105.01    4141336.41        1.93354                       579125.01
4141336.41        1.57711
         579145.01    4141336.41        1.31383                       579165.01
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4141336.41 0.67379
579265.01 4141336.41 0.60927 579285.01
4141336.41 0.55400
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4141356.41 0.06007
578425.01 4141356.41 0.06674 578445.01
4141356.41 0.07486
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578505.01 4141356.41 0.11534 578525.01
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578625.01 4141356.41 0.44466 578645.01
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579145.01 4141356.41 1.28292 579165.01
4141356.41 1.09271
579185.01 4141356.41 0.94833 579205.01
4141356.41 0.83503
579225.01 4141356.41 0.74382 579245.01
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578405.01 4141376.41 0.06227 578425.01
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578445.01 4141376.41 0.07665 578465.01
4141376.41 0.08640
578485.01 4141376.41 0.09853 578505.01
4141376.41 0.11473
578525.01 4141376.41 0.13641 578545.01
4141376.41 0.16210
578565.01 4141376.41 0.19958 578585.01
4141376.41 0.25193
578605.01 4141376.41 0.32764 578625.01

4141376.41 0.44011
578645.01 4141376.41 0.60979 578665.01
4141376.41 0.87044
578685.01 4141376.41 1.27728 579005.01
4141376.41 6.86371
579025.01 4141376.41 5.29608 579045.01
4141376.41 3.97724
579065.01 4141376.41 2.99337 579085.01
4141376.41 2.30550
579105.01 4141376.41 1.82761 579125.01
4141376.41 1.49333
579145.01 4141376.41 1.25248 579165.01
4141376.41 1.07334
579185.01 4141376.41 0.93522 579205.01
4141376.41 0.82512
579225.01 4141376.41 0.73512 579245.01
4141376.41 0.65967
579265.01 4141376.41 0.59479 579285.01
4141376.41 0.53914

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.49075	578385.01	4141396.41	0.05955
578405.01	4141396.41	0.06481	578425.01	4141396.41	0.07102
578445.01	4141396.41	0.07874	578465.01	4141396.41	0.08858
578485.01	4141396.41	0.10061	578505.01	4141396.41	0.11555
578525.01	4141396.41	0.13640	578545.01		

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4141396.41        0.16175
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4141396.41        0.24747
         578605.01    4141396.41        0.32134                   578625.01
4141396.41        0.43414
         578645.01    4141396.41        0.61026                   578665.01
4141396.41        0.89000
         579005.01    4141396.41        7.35067                   579025.01
4141396.41        5.45493
         579045.01    4141396.41        3.95289                   579065.01
4141396.41        2.91177
         579085.01    4141396.41        2.22677                   579105.01
4141396.41        1.76901
         579125.01    4141396.41        1.45403                   579145.01
4141396.41        1.22620
         579165.01    4141396.41        1.05435                   579185.01
4141396.41        0.92024
         579205.01    4141396.41        0.81231                   579225.01
4141396.41        0.72267
         579245.01    4141396.41        0.64710                   579265.01
4141396.41        0.58262
         579285.01    4141396.41        0.52742                   579305.01
4141396.41        0.47951
         578385.01    4141416.41        0.06215                   578405.01
4141416.41        0.06760
         578425.01    4141416.41        0.07408                   578445.01
4141416.41        0.08189
         578465.01    4141416.41        0.09138                   578485.01
4141416.41        0.10328
         578505.01    4141416.41        0.11788                   578525.01
4141416.41        0.13712
         578545.01    4141416.41        0.16261                   578565.01
4141416.41        0.19635
         578585.01    4141416.41        0.24459                   578605.01
4141416.41        0.31560
         578625.01    4141416.41        0.42600                   578645.01
4141416.41        0.60465
         578665.01    4141416.41        0.90508                   579025.01
4141416.41        5.58025
         579045.01    4141416.41        3.88593                   579065.01
4141416.41        2.81052
         579085.01    4141416.41        2.14688                   579105.01
4141416.41        1.71296
         579125.01    4141416.41        1.41552                   579145.01
4141416.41        1.19809
         579165.01    4141416.41        1.03198                   579185.01
4141416.41        0.90030
         579205.01    4141416.41        0.79306                   579225.01
4141416.41        0.70448
         579245.01    4141416.41        0.62973                   579265.01
```

4141416.41 0.56656
 579285.01 4141416.41 0.51193 579305.01
4141416.41 0.46554
 578385.01 4141436.41 0.06476 578405.01
4141436.41 0.07064
 578425.01 4141436.41 0.07748 578445.01
4141436.41 0.08570
 578465.01 4141436.41 0.09542 578485.01
4141436.41 0.10727
 578505.01 4141436.41 0.12146 578525.01
4141436.41 0.14043
 578545.01 4141436.41 0.16471 578565.01
4141436.41 0.19734
 578585.01 4141436.41 0.24410 578605.01
4141436.41 0.31228
 578625.01 4141436.41 0.41893 578645.01
4141436.41 0.59739
 579025.01 4141436.41 5.63040 579045.01
4141436.41 3.76510
 579065.01 4141436.41 2.69305 579085.01
4141436.41 2.06180

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	1.65449	579125.01	4141436.41	1.37278
579145.01	4141436.41	1.16409	579165.01	4141436.41	1.00183
579185.01	4141436.41	0.87239	579205.01	4141436.41	0.76721
579225.01	4141436.41	0.68046	579245.01		

4141436.41 0.60781
579265.01 4141436.41 0.54606 579285.01
4141436.41 0.49358
579305.01 4141436.41 0.44847 579325.01
4141436.41 0.40900
578385.01 4141456.41 0.06741 578405.01
4141456.41 0.07370
578425.01 4141456.41 0.08099 578445.01
4141456.41 0.08965
578465.01 4141456.41 0.09983 578485.01
4141456.41 0.11220
578505.01 4141456.41 0.12650 578525.01
4141456.41 0.14596
578545.01 4141456.41 0.16907 578565.01
4141456.41 0.20144
578585.01 4141456.41 0.24683 578605.01
4141456.41 0.31212
578625.01 4141456.41 0.41438 578645.01
4141456.41 0.58951
579045.01 4141456.41 3.56591 579065.01
4141456.41 2.55080
579085.01 4141456.41 1.96406 579105.01
4141456.41 1.58518
579125.01 4141456.41 1.31769 579145.01
4141456.41 1.11691
579165.01 4141456.41 0.95968 579185.01
4141456.41 0.83464
579205.01 4141456.41 0.73332 579225.01
4141456.41 0.65019
579245.01 4141456.41 0.58010 579265.01
4141456.41 0.52119
578385.01 4141476.41 0.06992 578405.01
4141476.41 0.07671
578425.01 4141476.41 0.08457 578445.01
4141476.41 0.09365
578465.01 4141476.41 0.10455 578485.01
4141476.41 0.11786
578505.01 4141476.41 0.13322 578525.01
4141476.41 0.15376
578545.01 4141476.41 0.17648 578565.01
4141476.41 0.20851
578585.01 4141476.41 0.25246 578605.01
4141476.41 0.31600
578625.01 4141476.41 0.41429 578645.01
4141476.41 0.58393
579065.01 4141476.41 2.37567 579085.01
4141476.41 1.84880
579105.01 4141476.41 1.49488 579125.01
4141476.41 1.24081
579145.01 4141476.41 1.05107 579165.01

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4141476.41        0.90397
         579185.01    4141476.41        0.78537                        579205.01
4141476.41        0.69010
         579225.01    4141476.41        0.61207                        578385.01
4141496.41        0.07233
         578405.01    4141496.41        0.07960                        578425.01
4141496.41        0.08795
         578445.01    4141496.41        0.09771                        578465.01
4141496.41        0.10938
         578485.01    4141496.41        0.12364                        578505.01
4141496.41        0.14020
         578525.01    4141496.41        0.16241                        578545.01
4141496.41        0.18655
         578565.01    4141496.41        0.21934                        578585.01
4141496.41        0.26372
         578605.01    4141496.41        0.32621                        578625.01
4141496.41        0.42093
         578645.01    4141496.41        0.58444                        579085.01
4141496.41        1.69519
         579105.01    4141496.41        1.37390                        579125.01
4141496.41        1.14133
         579145.01    4141496.41        0.96820                        579165.01
4141496.41        0.83444
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 477
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579185.01    4141496.41        0.72688                        579205.01
4141496.41        0.63973
         578385.01    4141516.41        0.07433                        578405.01
4141516.41        0.08213
         578425.01    4141516.41        0.09114                        578445.01
```

4141516.41 0.10149
578465.01 4141516.41 0.11394 578485.01
4141516.41 0.12908
578505.01 4141516.41 0.14699 578525.01
4141516.41 0.17133
578545.01 4141516.41 0.19725 578565.01
4141516.41 0.23326
578585.01 4141516.41 0.28058 578605.01
4141516.41 0.34616
578625.01 4141516.41 0.44386 578645.01
4141516.41 0.60574
579085.01 4141516.41 1.49624 579105.01
4141516.41 1.22439
579125.01 4141516.41 1.02465 579145.01
4141516.41 0.87371
579165.01 4141516.41 0.75609 578385.01
4141536.41 0.07631
578405.01 4141536.41 0.08428 578425.01
4141536.41 0.09378
578445.01 4141536.41 0.10505 578465.01
4141536.41 0.11827
578485.01 4141536.41 0.13437 578505.01
4141536.41 0.15361
578525.01 4141536.41 0.18063 578545.01
4141536.41 0.20830
578565.01 4141536.41 0.24853 578585.01
4141536.41 0.30161
578605.01 4141536.41 0.37506 578625.01
4141536.41 0.48530
578645.01 4141536.41 0.66286 578665.01
4141536.41 0.99233
579105.01 4141536.41 1.06240 579125.01
4141536.41 0.90028
579185.01 4141536.41 0.59316 578385.01
4141556.41 0.07813
578405.01 4141556.41 0.08645 578425.01
4141556.41 0.09628
578445.01 4141556.41 0.10813 578465.01
4141556.41 0.12246
578485.01 4141556.41 0.13965 578505.01
4141556.41 0.16068
578525.01 4141556.41 0.18927 578545.01
4141556.41 0.22076
578565.01 4141556.41 0.26573 578585.01
4141556.41 0.32669
578605.01 4141556.41 0.41451 578625.01
4141556.41 0.54817
578645.01 4141556.41 0.77212 578665.01
4141556.41 1.20541
578685.01 4141556.41 2.30600 579165.01

4141556.41 0.59519
  579185.01 4141556.41 0.52702 579205.01
4141556.41 0.47010
  578385.01 4141576.41 0.08002 578405.01
4141576.41 0.08876
  578425.01 4141576.41 0.09920 578445.01
4141576.41 0.11179
  578465.01 4141576.41 0.12691 578485.01
4141576.41 0.14559
  578505.01 4141576.41 0.16919 578525.01
4141576.41 0.20080
  578545.01 4141576.41 0.23793 578565.01
4141576.41 0.28998
  578585.01 4141576.41 0.36311 578605.01
4141576.41 0.47231
  578625.01 4141576.41 0.64873 578645.01
4141576.41 0.96790
  578665.01 4141576.41 1.62441 578685.01
4141576.41 3.19924
  578705.01 4141576.41 6.34004 579145.01
4141576.41 0.58823
  579165.01 4141576.41 0.52107 579185.01
4141576.41 0.46517
  579205.01 4141576.41 0.41761 579225.01
4141576.41 0.37699

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.34171	579265.01	4141576.41	0.31169
578385.01	4141596.41	0.08232	578405.01		

4141596.41 0.09186
578425.01 4141596.41 0.10302 578445.01
4141596.41 0.11675
578465.01 4141596.41 0.13341 578485.01
4141596.41 0.15419
578505.01 4141596.41 0.18124 578525.01
4141596.41 0.21706
578545.01 4141596.41 0.26191 578565.01
4141596.41 0.32653
578585.01 4141596.41 0.41971 578605.01
4141596.41 0.56373
578625.01 4141596.41 0.80411 578645.01
4141596.41 1.23491
578665.01 4141596.41 2.04587 578685.01
4141596.41 3.45626
578705.01 4141596.41 5.34840 578725.01
4141596.41 7.64169
578745.01 4141596.41 10.70088 579105.01
4141596.41 0.64717
579145.01 4141596.41 0.50724 579165.01
4141596.41 0.45358
579185.01 4141596.41 0.40805 579205.01
4141596.41 0.36905
579225.01 4141596.41 0.33527 579245.01
4141596.41 0.30581
579265.01 4141596.41 0.28030 579285.01
4141596.41 0.25669
579305.01 4141596.41 0.23711 579325.01
4141596.41 0.21946
579345.01 4141596.41 0.20405 578385.01
4141616.41 0.08537
578405.01 4141616.41 0.09590 578425.01
4141616.41 0.10854
578445.01 4141616.41 0.12379 578465.01
4141616.41 0.14268
578485.01 4141616.41 0.16655 578505.01
4141616.41 0.19794
578525.01 4141616.41 0.24165 578545.01
4141616.41 0.29613
578565.01 4141616.41 0.37857 578585.01
4141616.41 0.49965
578605.01 4141616.41 0.68812 578625.01
4141616.41 0.99141
578645.01 4141616.41 1.48029 578665.01
4141616.41 2.24858
578685.01 4141616.41 3.30893 578705.01
4141616.41 4.54344
578725.01 4141616.41 5.90130 578745.01
4141616.41 7.58002
579065.01 4141616.41 0.70678 579085.01

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4141616.41        0.61773
         579105.01    4141616.41        0.54570                       579125.01
4141616.41        0.48647
         579165.01    4141616.41        0.39323                       579185.01
4141616.41        0.35661
         579205.01    4141616.41        0.32470                       579225.01
4141616.41        0.29686
         579245.01    4141616.41        0.27236                       579265.01
4141616.41        0.25082
         579285.01    4141616.41        0.23046                       579305.01
4141616.41        0.21376
         579325.01    4141616.41        0.19890                       579345.01
4141616.41        0.18579
         578385.01    4141636.41        0.08978                       578405.01
4141636.41        0.10146
         578425.01    4141636.41        0.11567                       578445.01
4141636.41        0.13328
         578465.01    4141636.41        0.15541                       578485.01
4141636.41        0.18344
         578505.01    4141636.41        0.22096                       578525.01
4141636.41        0.27253
         578545.01    4141636.41        0.34274                       578565.01
4141636.41        0.44528
         578585.01    4141636.41        0.59767                       578605.01
4141636.41        0.82263
         578625.01    4141636.41        1.15537                       578645.01
4141636.41        1.63856
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 479
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20  ***
                                   INCLUDING SOURCE(S):     GRADINGD    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578665.01    4141636.41        2.28213                       578685.01
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4141636.41 3.05459
578705.01 4141636.41 3.89331 578725.01
4141636.41 4.77762
579045.01 4141636.41 0.67516 579065.01
4141636.41 0.58633
579085.01 4141636.41 0.51699 579105.01
4141636.41 0.46065
579125.01 4141636.41 0.41342 579165.01
4141636.41 0.33977
579185.01 4141636.41 0.31019 579205.01
4141636.41 0.28436
579225.01 4141636.41 0.26154 579245.01
4141636.41 0.24151
579265.01 4141636.41 0.22336 579285.01
4141636.41 0.20692
579305.01 4141636.41 0.19272 579325.01
4141636.41 0.17989
579345.01 4141636.41 0.16841 578385.01
4141656.41 0.09579
578405.01 4141656.41 0.10900 578425.01
4141656.41 0.12502
578445.01 4141656.41 0.14537 578465.01
4141656.41 0.17203
578485.01 4141656.41 0.20601 578505.01
4141656.41 0.25305
578525.01 4141656.41 0.31443 578545.01
4141656.41 0.40044
578565.01 4141656.41 0.52228 578585.01
4141656.41 0.69463
578605.01 4141656.41 0.93714 578625.01
4141656.41 1.27287
578645.01 4141656.41 1.70357 578665.01
4141656.41 2.21664
578685.01 4141656.41 2.79255 578705.01
4141656.41 3.36204
578725.01 4141656.41 3.96759 579005.01
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579025.01 4141656.41 0.64392 579045.01
4141656.41 0.55484
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4141656.41 0.43276
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4141656.41 0.19852
579285.01 4141656.41 0.18517 579305.01

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  579325.01 4141656.41 0.16237 579345.01
4141656.41 0.15244
  578385.01 4141676.41 0.10343 578405.01
4141676.41 0.11838
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4141676.41 0.23406
  578505.01 4141676.41 0.29078 578525.01
4141676.41 0.36408
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4141676.41 2.51024
  578705.01 4141676.41 2.91406 578985.01
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  579125.01 4141676.41 0.29912 579145.01
4141676.41 0.27442

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

- -
579165.01 4141676.41 0.25299 579185.01
4141676.41 0.23416
579205.01 4141676.41 0.21747 579225.01
4141676.41 0.20257
579245.01 4141676.41 0.18919 579265.01
4141676.41 0.17711
579285.01 4141676.41 0.16593 579305.01
4141676.41 0.15550
579325.01 4141676.41 0.14665 579345.01
4141676.41 0.13868
578385.01 4141696.41 0.11266 578405.01
4141696.41 0.13005
578425.01 4141696.41 0.15245 578445.01
4141696.41 0.18170
578465.01 4141696.41 0.21886 578485.01
4141696.41 0.26684
578505.01 4141696.41 0.33199 578525.01
4141696.41 0.41639
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4141696.41 0.23593
579165.01 4141696.41 0.21893 579185.01
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579205.01 4141696.41 0.19052 579225.01
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578425.01 4141716.41 0.17146 578445.01

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4141716.41 0.30215
  578505.01 4141716.41 0.37464 578525.01
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  578605.01 4141716.41 1.09268 578625.01
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  578645.01 4141716.41 1.55591 578665.01
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  578685.01 4141716.41 1.98741 578905.01
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  578925.01 4141716.41 0.69244 578945.01
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  578965.01 4141716.41 0.50561 578985.01
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  579085.01 4141716.41 0.25746 579105.01
4141716.41 0.23690
  579125.01 4141716.41 0.21917 579145.01
4141716.41 0.20374
  579165.01 4141716.41 0.19017 579185.01
4141716.41 0.17815
  579205.01 4141716.41 0.16733 579225.01
4141716.41 0.15756
  579245.01 4141716.41 0.14815 579265.01
4141716.41 0.14034
  579285.01 4141716.41 0.13293 579305.01
4141716.41 0.12561

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

Y-COORD (M)   CONC
- -

579325.01	4141716.41	0.11939	579345.01	4141716.41	0.11375
578385.01	4141736.41	0.13771	578405.01	4141736.41	0.16232
578425.01	4141736.41	0.19303	578445.01	4141736.41	0.23068
578465.01	4141736.41	0.27769	578485.01	4141736.41	0.33745
578505.01	4141736.41	0.41975	578625.01	4141736.41	1.26788
578645.01	4141736.41	1.44380	578665.01	4141736.41	1.60547
578865.01	4141736.41	1.06509	578885.01	4141736.41	0.80694
578905.01	4141736.41	0.63706	578925.01	4141736.41	0.52879
578945.01	4141736.41	0.45598	578965.01	4141736.41	0.39989
578985.01	4141736.41	0.35463	579005.01	4141736.41	0.31688
579025.01	4141736.41	0.28557	579045.01	4141736.41	0.25944
579065.01	4141736.41	0.23770	579085.01	4141736.41	0.21922
579105.01	4141736.41	0.20314	579125.01	4141736.41	0.18915
579145.01	4141736.41	0.17685	579165.01	4141736.41	0.16594
579185.01	4141736.41	0.15623	579205.01	4141736.41	0.14743
579225.01	4141736.41	0.13947	579245.01	4141736.41	0.13214
579265.01	4141736.41	0.12517	579285.01	4141736.41	0.11903
579305.01	4141736.41	0.11354	579325.01	4141736.41	0.10819
579345.01	4141736.41	0.10322	578385.01	4141756.41	0.15414
578405.01	4141756.41	0.18190	578425.01	4141756.41	0.21582
578445.01	4141756.41	0.25739	578465.01	4141756.41	0.30810
578485.01	4141756.41	0.37403	578845.01	4141756.41	0.98642
578865.01	4141756.41	0.77448	578885.01	4141756.41	0.62224
578905.01	4141756.41	0.50942	578925.01		

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4141756.41        0.42997
         578945.01    4141756.41        0.37288                        578965.01
4141756.41        0.32938
         578985.01    4141756.41        0.29399                        579005.01
4141756.41        0.26472
         579025.01    4141756.41        0.24057                        579045.01
4141756.41        0.22050
         579065.01    4141756.41        0.20328                        579085.01
4141756.41        0.18845
         579105.01    4141756.41        0.17562                        579125.01
4141756.41        0.16435
         579145.01    4141756.41        0.15442                        579165.01
4141756.41        0.14556
         579185.01    4141756.41        0.13763                        579205.01
4141756.41        0.13039
         579225.01    4141756.41        0.12384                        579245.01
4141756.41        0.11784
         579265.01    4141756.41        0.11230                        579285.01
4141756.41        0.10703
         579305.01    4141756.41        0.10221                        579325.01
4141756.41        0.09789
         579345.01    4141756.41        0.09370                        578385.01
4141776.41        0.17158
         578405.01    4141776.41        0.20229                        578425.01
4141776.41        0.23819
         578445.01    4141776.41        0.28190                        578465.01
4141776.41        0.33583
         578485.01    4141776.41        0.40320                        578825.01
4141776.41        0.89284
         578845.01    4141776.41        0.73312                        578865.01
4141776.41        0.60455
         578885.01    4141776.41        0.50109                        578905.01
4141776.41        0.42129
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 482
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
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```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	0.36124	578945.01	4141776.41	0.31553
578965.01	4141776.41	0.27920	578985.01	4141776.41	0.25021
579005.01	4141776.41	0.22643	579025.01	4141776.41	0.20670
579045.01	4141776.41	0.19016	579065.01	4141776.41	0.17606
579085.01	4141776.41	0.16387	579105.01	4141776.41	0.15331
579125.01	4141776.41	0.14399	579145.01	4141776.41	0.13579
579165.01	4141776.41	0.12846	579185.01	4141776.41	0.12189
579205.01	4141776.41	0.11587	579225.01	4141776.41	0.11040
579245.01	4141776.41	0.10541	579265.01	4141776.41	0.10077
579285.01	4141776.41	0.09648	579305.01	4141776.41	0.09219
579325.01	4141776.41	0.08871	579345.01	4141776.41	0.08517
578405.01	4141796.41	0.22165	578425.01	4141796.41	0.25950
578445.01	4141796.41	0.30474	578465.01	4141796.41	0.36279
578805.01	4141796.41	0.80811	578825.01	4141796.41	0.68520
578845.01	4141796.41	0.57434	578865.01	4141796.41	0.48960
578885.01	4141796.41	0.41600	578905.01	4141796.41	0.35593
578925.01	4141796.41	0.30936	578945.01	4141796.41	0.27248
578965.01	4141796.41	0.24247	578985.01	4141796.41	0.21771
579005.01	4141796.41	0.19733	579025.01	4141796.41	0.18054
579045.01	4141796.41	0.16651	579065.01	4141796.41	0.15457
579085.01	4141796.41	0.14425	579105.01	4141796.41	0.13528
579125.01	4141796.41	0.12736	579145.01	4141796.41	0.12039
579165.01	4141796.41	0.11419	579185.01		

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4141796.41        0.10862
         579205.01    4141796.41        0.10352                        579225.01
4141796.41        0.09889
         579245.01    4141796.41        0.09464                        579265.01
4141796.41        0.09076
         579285.01    4141796.41        0.08700                        579305.01
4141796.41        0.08349
         579325.01    4141796.41        0.08034                        579345.01
4141796.41        0.07734
         578445.01    4141816.41        0.32606                        578585.01
4141816.41        0.80425
         578605.01    4141816.41        0.87397                        578665.01
4141816.41        0.99596
         578685.01    4141816.41        0.99917                        578785.01
4141816.41        0.73342
         578805.01    4141816.41        0.63945                        578825.01
4141816.41        0.54761
         578845.01    4141816.41        0.46927                        578865.01
4141816.41        0.40670
         578885.01    4141816.41        0.35183                        578905.01
4141816.41        0.30572
         578925.01    4141816.41        0.26879                        578945.01
4141816.41        0.23867
         578965.01    4141816.41        0.21351                        578985.01
4141816.41        0.19235
         579005.01    4141816.41        0.17469                        579025.01
4141816.41        0.16002
         579045.01    4141816.41        0.14779                        579065.01
4141816.41        0.13741
         579085.01    4141816.41        0.12845                        579105.01
4141816.41        0.12062
         579125.01    4141816.41        0.11374                        579145.01
4141816.41        0.10768
         579165.01    4141816.41        0.10231                        579185.01
4141816.41        0.09749
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 483
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.09308	579225.01	4141816.41	0.08909
579245.01	4141816.41	0.08538	579265.01	4141816.41	0.08175
579285.01	4141816.41	0.07875	579305.01	4141816.41	0.07602
579325.01	4141816.41	0.07321	579345.01	4141816.41	0.07061
578565.01	4141836.41	0.69612	578585.01	4141836.41	0.75410
578605.01	4141836.41	0.80721	578625.01	4141836.41	0.84524
578645.01	4141836.41	0.86674	578665.01	4141836.41	0.87339
578685.01	4141836.41	0.86227	578705.01	4141836.41	0.83481
578725.01	4141836.41	0.79333	578765.01	4141836.41	0.66904
578785.01	4141836.41	0.59435	578805.01	4141836.41	0.51943
578825.01	4141836.41	0.45110	578845.01	4141836.41	0.39370
578865.01	4141836.41	0.34573	578885.01	4141836.41	0.30246
578905.01	4141836.41	0.26610	578925.01	4141836.41	0.23621
578945.01	4141836.41	0.21125	578965.01	4141836.41	0.19001
578985.01	4141836.41	0.17187	579005.01	4141836.41	0.15650
579025.01	4141836.41	0.14357	579045.01	4141836.41	0.13268
579065.01	4141836.41	0.12345	579085.01	4141836.41	0.11552
579105.01	4141836.41	0.10858	579125.01	4141836.41	0.10247
579145.01	4141836.41	0.09712	579165.01	4141836.41	0.09237
579185.01	4141836.41	0.08811	579205.01	4141836.41	0.08424
579225.01	4141836.41	0.08073	579245.01	4141836.41	0.07750
579265.01	4141836.41	0.07437	579285.01		

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4141836.41        0.07167
         579305.01    4141836.41        0.06924                       579325.01
4141836.41        0.06678
         579345.01    4141836.41        0.06472                       578565.01
4141856.41        0.65880
         578585.01    4141856.41        0.70315                       578605.01
4141856.41        0.73842
         578625.01    4141856.41        0.76092                       578645.01
4141856.41        0.76894
         578665.01    4141856.41        0.76295                       578685.01
4141856.41        0.74283
         578705.01    4141856.41        0.71012                       578725.01
4141856.41        0.66626
         578745.01    4141856.41        0.61226                       578765.01
4141856.41        0.55258
         578785.01    4141856.41        0.49119                       578805.01
4141856.41        0.43231
         578825.01    4141856.41        0.38000                       578845.01
4141856.41        0.33686
         578865.01    4141856.41        0.29797                       578885.01
4141856.41        0.26343
         578905.01    4141856.41        0.23413                       578925.01
4141856.41        0.20952
         578945.01    4141856.41        0.18859                       578965.01
4141856.41        0.17053
         578985.01    4141856.41        0.15488                       579005.01
4141856.41        0.14147
         579025.01    4141856.41        0.13007                       579045.01
4141856.41        0.12032
         579065.01    4141856.41        0.11200                       579085.01
4141856.41        0.10483
         579105.01    4141856.41        0.09857                       579125.01
4141856.41        0.09308
         579145.01    4141856.41        0.08827                       579165.01
4141856.41        0.08400
         579185.01    4141856.41        0.08017                       579205.01
4141856.41        0.07672
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20  ***
                                  INCLUDING SOURCE(S):     GRADINGD    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.07361	579245.01	4141856.41	0.07072
579265.01	4141856.41	0.06806	579285.01	4141856.41	0.06568
579305.01	4141856.41	0.06344	579325.01	4141856.41	0.06117
579345.01	4141856.41	0.05939	578545.01	4141876.41	0.57752
578565.01	4141876.41	0.61730	578585.01	4141876.41	0.64899
578605.01	4141876.41	0.67108	578625.01	4141876.41	0.68148
578645.01	4141876.41	0.67965	578665.01	4141876.41	0.66582
578685.01	4141876.41	0.64075	578705.01	4141876.41	0.60604
578725.01	4141876.41	0.56250	578745.01	4141876.41	0.51346
578765.01	4141876.41	0.46227	578785.01	4141876.41	0.41226
578805.01	4141876.41	0.36634	578825.01	4141876.41	0.32623
578845.01	4141876.41	0.29129	578865.01	4141876.41	0.25975
578885.01	4141876.41	0.23199	578905.01	4141876.41	0.20789
578925.01	4141876.41	0.18732	578945.01	4141876.41	0.16954
578965.01	4141876.41	0.15400	578985.01	4141876.41	0.14049
579005.01	4141876.41	0.12878	579025.01	4141876.41	0.11867
579045.01	4141876.41	0.10997	579065.01	4141876.41	0.10245
579085.01	4141876.41	0.09592	579105.01	4141876.41	0.09017
579125.01	4141876.41	0.08515	579145.01	4141876.41	0.08075
579165.01	4141876.41	0.07687	579185.01	4141876.41	0.07339
579205.01	4141876.41	0.07028	579225.01		

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4141876.41        0.06747
         579245.01    4141876.41        0.06488                      579265.01
4141876.41        0.06251
         579285.01    4141876.41        0.06035                      579305.01
4141876.41        0.05833
         579325.01    4141876.41        0.05632                      579345.01
4141876.41        0.05471
         578545.01    4141896.41        0.54441                      578565.01
4141896.41        0.57355
         578585.01    4141896.41        0.59507                      578605.01
4141896.41        0.60749
         578625.01    4141896.41        0.60887                      578645.01
4141896.41        0.59977
         578665.01    4141896.41        0.58141                      578685.01
4141896.41        0.55393
         578705.01    4141896.41        0.51828                      578725.01
4141896.41        0.47802
         578745.01    4141896.41        0.43518                      578765.01
4141896.41        0.39211
         578785.01    4141896.41        0.35166                      578805.01
4141896.41        0.31526
         578825.01    4141896.41        0.28350                      578845.01
4141896.41        0.25492
         578865.01    4141896.41        0.22914                      578885.01
4141896.41        0.20613
         578905.01    4141896.41        0.18601                      578925.01
4141896.41        0.16862
         578945.01    4141896.41        0.15338                      578965.01
4141896.41        0.13991
         578985.01    4141896.41        0.12808                      579005.01
4141896.41        0.11778
         579025.01    4141896.41        0.10887                      579045.01
4141896.41        0.10111
         579065.01    4141896.41        0.09431                      579085.01
4141896.41        0.08836
         579105.01    4141896.41        0.08308                      579125.01
4141896.41        0.07845
         579145.01    4141896.41        0.07436                      579165.01
4141896.41        0.07077
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 485
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.06756	579205.01	4141896.41	0.06471
579225.01	4141896.41	0.06214	579245.01	4141896.41	0.05982
579265.01	4141896.41	0.05766	579285.01	4141896.41	0.05570
579305.01	4141896.41	0.05386	579325.01	4141896.41	0.05217
579345.01	4141896.41	0.05060	578565.01	4141916.41	0.53078
578585.01	4141916.41	0.54269	578605.01	4141916.41	0.54751
578625.01	4141916.41	0.54254	578645.01	4141916.41	0.52904
578665.01	4141916.41	0.50779	578685.01	4141916.41	0.47911
578705.01	4141916.41	0.44552	578725.01	4141916.41	0.40940
578745.01	4141916.41	0.37190	578765.01	4141916.41	0.33641
578785.01	4141916.41	0.30376	578805.01	4141916.41	0.27461
578825.01	4141916.41	0.24883	578845.01	4141916.41	0.22539
578865.01	4141916.41	0.20393	578885.01	4141916.41	0.18456
578905.01	4141916.41	0.16756	578925.01	4141916.41	0.15268
578945.01	4141916.41	0.13952	578965.01	4141916.41	0.12778
578985.01	4141916.41	0.11736	579005.01	4141916.41	0.10824
579025.01	4141916.41	0.10028	579045.01	4141916.41	0.09335
579065.01	4141916.41	0.08726	579085.01	4141916.41	0.08185
579105.01	4141916.41	0.07701	579125.01	4141916.41	0.07271
579145.01	4141916.41	0.06890	579165.01		

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4141916.41        0.06553
         579185.01    4141916.41        0.06253                    578386.27
4141125.26        0.06023
         578406.27    4141125.26        0.06778                    578426.27
4141125.26        0.07658
         578446.27    4141125.26        0.08729                    578466.27
4141125.26        0.10089
         578486.27    4141125.26        0.11738                    578506.27
4141125.26        0.13769
         578526.27    4141125.26        0.16146                    578546.27
4141125.26        0.19002
         578566.27    4141125.26        0.22382                    578586.27
4141125.26        0.26417
         578606.27    4141125.26        0.31251                    578626.27
4141125.26        0.36768
         578646.27    4141125.26        0.43445                    578666.27
4141125.26        0.51611
         578686.27    4141125.26        0.61356                    578706.27
4141125.26        0.73347
         578726.27    4141125.26        0.88440                    578746.27
4141125.26        1.07629
         578766.27    4141125.26        1.31036                    578786.27
4141125.26        1.58896
         578806.27    4141125.26        1.91393                    578826.27
4141125.26        2.26073
         578846.27    4141125.26        2.61458                    578866.27
4141125.26        2.95263
         578886.27    4141125.26        3.24867                    578906.27
4141125.26        3.47199
         578926.27    4141125.26        3.59415                    578946.27
4141125.26        3.62203
         578966.27    4141125.26        3.56013                    578986.27
4141125.26        3.42278
         579006.27    4141125.26        3.22715                    579026.27
4141125.26        2.99304
         579046.27    4141125.26        2.73021                    579066.27
4141125.26        2.45338
         579086.27    4141125.26        2.18632                    579106.27
4141125.26        1.93809
         579126.27    4141125.26        1.71174                    579146.27
4141125.26        1.50634
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 486
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.32195	579186.27	4141125.26	1.16324
579206.27	4141125.26	1.02727	578386.27	4141145.26	0.05931
578406.27	4141145.26	0.06678	578426.27	4141145.26	0.07578
578446.27	4141145.26	0.08630	578466.27	4141145.26	0.09937
578486.27	4141145.26	0.11610	578506.27	4141145.26	0.13632
578526.27	4141145.26	0.16120	578546.27	4141145.26	0.19058
578566.27	4141145.26	0.22628	578586.27	4141145.26	0.26835
578606.27	4141145.26	0.31944	578626.27	4141145.26	0.38085
578646.27	4141145.26	0.45361	578666.27	4141145.26	0.54030
578686.27	4141145.26	0.64833	578706.27	4141145.26	0.78352
578726.27	4141145.26	0.95741	578746.27	4141145.26	1.17284
578766.27	4141145.26	1.43725	578786.27	4141145.26	1.75527
578806.27	4141145.26	2.12383	578826.27	4141145.26	2.52290
578846.27	4141145.26	2.91704	578866.27	4141145.26	3.29275
578886.27	4141145.26	3.60653	578906.27	4141145.26	3.83063
578926.27	4141145.26	3.94744	578946.27	4141145.26	3.94726
578966.27	4141145.26	3.84746	578986.27	4141145.26	3.67047
579006.27	4141145.26	3.43253	579026.27	4141145.26	3.15006
579046.27	4141145.26	2.84412	579066.27		

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4141145.26        2.54022
         579086.27    4141145.26        2.25297                      579106.27
4141145.26        1.97915
         579126.27    4141145.26        1.73518                      579146.27
4141145.26        1.51448
         579166.27    4141145.26        1.32161                      579186.27
4141145.26        1.15482
         579206.27    4141145.26        1.01386                      578723.62
4141929.59        0.37335
         578743.62    4141929.59        0.33979                      578763.62
4141929.59        0.30812
         578783.62    4141929.59        0.27932                      578803.62
4141929.59        0.25377
         578823.62    4141929.59        0.23100                      578843.62
4141929.59        0.21015
         578863.62    4141929.59        0.19085                      578883.62
4141929.59        0.17337
         578903.62    4141929.59        0.15791                      578923.62
4141929.59        0.14431
         578943.62    4141929.59        0.13222                      578963.62
4141929.59        0.12138
         578983.62    4141929.59        0.11170                      579003.62
4141929.59        0.10315
         579023.62    4141929.59        0.09570                      579043.62
4141929.59        0.08918
         579063.62    4141929.59        0.08344                      579083.62
4141929.59        0.07835
         579103.62    4141929.59        0.07377                      579123.62
4141929.59        0.06965
         579143.62    4141929.59        0.06597                      579163.62
4141929.59        0.06270
         579183.62    4141929.59        0.05979                      578725.67
4141942.60        0.33650
         578745.67    4141942.60        0.30688                      578765.67
4141942.60        0.27901
         578785.67    4141942.60        0.25405                      578805.67
4141942.60        0.23196
         578825.67    4141942.60        0.21202                      578845.67
4141942.60        0.19354
         578865.67    4141942.60        0.17637                      578885.67
4141942.60        0.16082
         578905.67    4141942.60        0.14697                      578925.67
4141942.60        0.13473
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                  PAGE 487
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.12379	578965.67	4141942.60	0.11394
578985.67	4141942.60	0.10510	579005.67	4141942.60	0.09726
579025.67	4141942.60	0.09039	579045.67	4141942.60	0.08438
579065.67	4141942.60	0.07908	579085.67	4141942.60	0.07435
579105.67	4141942.60	0.07010	579125.67	4141942.60	0.06625
579145.67	4141942.60	0.06278	579165.67	4141942.60	0.05966
579185.67	4141942.60	0.05688	578745.52	4141955.60	0.28090
578765.52	4141955.60	0.25640	578785.52	4141955.60	0.23449
578805.52	4141955.60	0.21501	578825.52	4141955.60	0.19726
578845.52	4141955.60	0.18066	578865.52	4141955.60	0.16520
578885.52	4141955.60	0.15108	578905.52	4141955.60	0.13845
578925.52	4141955.60	0.12725	578945.52	4141955.60	0.11720
578965.52	4141955.60	0.10813	578985.52	4141955.60	0.09995
579005.52	4141955.60	0.09264	579025.52	4141955.60	0.08619
579045.52	4141955.60	0.08054	579065.52	4141955.60	0.07557
579085.52	4141955.60	0.07113	579105.52	4141955.60	0.06713
579125.52	4141955.60	0.06350	579145.52	4141955.60	0.06019
579165.52	4141955.60	0.05719	579185.52		

4141955.60   0.05450
         578785.22   4141971.34   0.21394   578805.22
4141971.34   0.19709
         578825.22   4141971.34   0.18154   578845.22
4141971.34   0.16687
         578865.22   4141971.34   0.15318   578885.22
4141971.34   0.14051
         578905.22   4141971.34   0.12918   578925.22
4141971.34   0.11908
         578945.22   4141971.34   0.10997   578965.22
4141971.34   0.10173
         578985.22   4141971.34   0.09426   579005.22
4141971.34   0.08755
         579025.22   4141971.34   0.08157   579045.22
4141971.34   0.07631
         579065.22   4141971.34   0.07167   579085.22
4141971.34   0.06755
         579105.22   4141971.34   0.06383   579125.22
4141971.34   0.06044
         579145.22   4141971.34   0.05734   579165.22
4141971.34   0.05448
         579185.22   4141971.34   0.05191   578790.01
4141986.40   0.19288
         578810.01   4141986.40   0.17849   578830.01
4141986.40   0.16489
         578850.01   4141986.40   0.15201   578870.01
4141986.40   0.13988
         578890.01   4141986.40   0.12874   578910.01
4141986.40   0.11876
         578930.01   4141986.40   0.10981   578950.01
4141986.40   0.10170
         578970.01   4141986.40   0.09433   578990.01
4141986.40   0.08763
         579010.01   4141986.40   0.08160   579030.01
4141986.40   0.07621
         579050.01   4141986.40   0.07144   579070.01
4141986.40   0.06722
         579090.01   4141986.40   0.06346   579110.01
4141986.40   0.06007
         579130.01   4141986.40   0.05698   579150.01
4141986.40   0.05412
         579170.01   4141986.40   0.05148   579190.01
4141986.40   0.04909
         578810.54   4142001.46   0.16508   578830.54
4142001.46   0.15299

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.14143	578870.54	4142001.46	0.13049
578890.54	4142001.46	0.12044	578910.54	4142001.46	0.11136
578930.54	4142001.46	0.10320	578950.54	4142001.46	0.09581
578970.54	4142001.46	0.08908	578990.54	4142001.46	0.08294
579010.54	4142001.46	0.07736	579030.54	4142001.46	0.07236
579050.54	4142001.46	0.06791	579070.54	4142001.46	0.06396
579090.54	4142001.46	0.06044	579110.54	4142001.46	0.05728
579130.54	4142001.46	0.05440	579150.54	4142001.46	0.05172
579170.54	4142001.46	0.04924	579190.54	4142001.46	0.04696

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018

, HAUL0019   , HAUL0020   , HAUL0021   ,
                HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.04412	578405.01	4141176.41	0.04631
578425.01	4141176.41	0.04897	578445.01	4141176.41	0.05358
578465.01	4141176.41	0.05528	578485.01	4141176.41	0.05974
578505.01	4141176.41	0.06437	578525.01	4141176.41	0.06870
578545.01	4141176.41	0.07545	578565.01	4141176.41	0.07951
578585.01	4141176.41	0.08854	578605.01	4141176.41	0.09750
578625.01	4141176.41	0.10003	578645.01	4141176.41	0.10823
578665.01	4141176.41	0.11931	578685.01	4141176.41	0.13911
578705.01	4141176.41	0.15378	578725.01	4141176.41	0.17076
578745.01	4141176.41	0.19123	578765.01	4141176.41	0.21376
578785.01	4141176.41	0.24119	578805.01	4141176.41	0.27378
578825.01	4141176.41	0.31352	578845.01	4141176.41	0.36071
578865.01	4141176.41	0.41075	578885.01	4141176.41	0.46693
578905.01	4141176.41	0.52566	578925.01	4141176.41	0.58609
578945.01	4141176.41	0.64609	578965.01	4141176.41	0.70116
578985.01	4141176.41	0.75141	579005.01	4141176.41	0.79562
579025.01	4141176.41	0.83925	579045.01	4141176.41	0.88421
579065.01	4141176.41	0.92999	579085.01	4141176.41	0.97564

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         579105.01    4141176.41        1.02388                      579125.01
4141176.41        1.07537
         579145.01    4141176.41        1.12997                      579165.01
4141176.41        1.18604
         579185.01    4141176.41        1.24982                      579205.01
4141176.41        1.31490
         579225.01    4141176.41        1.38429                      578385.01
4141196.41        0.04501
         578405.01    4141196.41        0.04720                      578425.01
4141196.41        0.04991
         578445.01    4141196.41        0.05271                      578465.01
4141196.41        0.05737
         578485.01    4141196.41        0.06134                      578505.01
4141196.41        0.06540
         578525.01    4141196.41        0.07047                      578545.01
4141196.41        0.07610
         578565.01    4141196.41        0.08682                      578585.01
4141196.41        0.09332
         578605.01    4141196.41        0.09588                      578625.01
4141196.41        0.10231
         578645.01    4141196.41        0.11549                      578665.01
4141196.41        0.13104
         578685.01    4141196.41        0.14435                      578705.01
4141196.41        0.15959
         578725.01    4141196.41        0.17750                      578745.01
4141196.41        0.19909
         578765.01    4141196.41        0.22508                      578785.01
4141196.41        0.25473
         578805.01    4141196.41        0.29130                      578825.01
4141196.41        0.33439
         578845.01    4141196.41        0.38628                      578865.01
4141196.41        0.44515
         578885.01    4141196.41        0.50679                      578905.01
4141196.41        0.57206
         578925.01    4141196.41        0.63884                      578945.01
4141196.41        0.70314
         578965.01    4141196.41        0.76272                      578985.01
4141196.41        0.81236
         579005.01    4141196.41        0.85993                      579025.01
4141196.41        0.90755
         579045.01    4141196.41        0.95361                      579065.01
4141196.41        1.00244
         579085.01    4141196.41        1.04885                      579105.01
4141196.41        1.09864
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***

INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	1.15360	579145.01	4141196.41	1.21595
579165.01	4141196.41	1.28056	579185.01	4141196.41	1.34766
579205.01	4141196.41	1.42046	579225.01	4141196.41	1.49980
579245.01	4141196.41	1.58745	578385.01	4141216.41	0.04601
578405.01	4141216.41	0.04823	578425.01	4141216.41	0.05077
578445.01	4141216.41	0.05359	578465.01	4141216.41	0.05844
578485.01	4141216.41	0.06246	578505.01	4141216.41	0.06641
578525.01	4141216.41	0.07192	578545.01	4141216.41	0.08195
578565.01	4141216.41	0.08875	578585.01	4141216.41	0.09593
578605.01	4141216.41	0.10298	578625.01	4141216.41	0.11179
578645.01	4141216.41	0.12331	578665.01	4141216.41	0.13550
578685.01	4141216.41	0.15000	578705.01	4141216.41	0.16571
578725.01	4141216.41	0.18459	578745.01	4141216.41	0.20794
578765.01	4141216.41	0.23662	578785.01		

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4141216.41        0.27050
         578805.01    4141216.41        0.31035                   578825.01
4141216.41        0.35865
         578845.01    4141216.41        0.41604                   578925.01
4141216.41        0.69814
         578945.01    4141216.41        0.76603                   578965.01
4141216.41        0.83139
         578985.01    4141216.41        0.88619                   579005.01
4141216.41        0.93531
         579025.01    4141216.41        0.98097                   579045.01
4141216.41        1.02809
         579065.01    4141216.41        1.07875                   579085.01
4141216.41        1.12893
         579105.01    4141216.41        1.18247                   579125.01
4141216.41        1.24457
         579145.01    4141216.41        1.31231                   579165.01
4141216.41        1.38165
         579185.01    4141216.41        1.45740                   579205.01
4141216.41        1.54216
         579225.01    4141216.41        1.63775                   579245.01
4141216.41        1.73666
         578385.01    4141236.41        0.04658                   578405.01
4141236.41        0.05078
         578425.01    4141236.41        0.05287                   578445.01
4141236.41        0.05621
         578465.01    4141236.41        0.05983                   578485.01
4141236.41        0.06354
         578505.01    4141236.41        0.06867                   578525.01
4141236.41        0.07888
         578545.01    4141236.41        0.08361                   578565.01
4141236.41        0.09060
         578585.01    4141236.41        0.09840                   578605.01
4141236.41        0.10605
         578625.01    4141236.41        0.11500                   578645.01
4141236.41        0.12665
         578665.01    4141236.41        0.13984                   578685.01
4141236.41        0.15528
         578705.01    4141236.41        0.17253                   578725.01
4141236.41        0.19299
         578745.01    4141236.41        0.21750                   578765.01
4141236.41        0.24805
         578785.01    4141236.41        0.28721                   578805.01
4141236.41        0.33206
         578825.01    4141236.41        0.38689                   578945.01
4141236.41        0.84049
         578965.01    4141236.41        0.90575                   578985.01
4141236.41        0.96607
         579005.01    4141236.41        1.01539                   579025.01
4141236.41        1.06196
         579045.01    4141236.41        1.10937                   579065.01
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	1.34473	579145.01	4141236.41	1.41635
579165.01	4141236.41	1.49659	579185.01	4141236.41	1.58414
579205.01	4141236.41	1.68236	579225.01	4141236.41	1.79486
579245.01	4141236.41	1.90926	578385.01	4141256.41	0.04737
578405.01	4141256.41	0.05161	578425.01	4141256.41	0.05494
578445.01	4141256.41	0.05782	578465.01	4141256.41	0.06102
578485.01	4141256.41	0.06485	578505.01	4141256.41	0.07017
578525.01	4141256.41	0.07986	578545.01	4141256.41	0.08156
578565.01	4141256.41	0.09249	578585.01	4141256.41	0.10082

578605.01 4141256.41 0.10970 578625.01
4141256.41 0.11855
578645.01 4141256.41 0.12945 578665.01
4141256.41 0.14375
578685.01 4141256.41 0.15986 578705.01
4141256.41 0.17962
578725.01 4141256.41 0.20177 578745.01
4141256.41 0.22831
578765.01 4141256.41 0.26172 578785.01
4141256.41 0.30396
578805.01 4141256.41 0.35714 578965.01
4141256.41 0.99244
578985.01 4141256.41 1.05086 579005.01
4141256.41 1.10493
579025.01 4141256.41 1.15055 579045.01
4141256.41 1.19994
579065.01 4141256.41 1.25425 579085.01
4141256.41 1.31723
579105.01 4141256.41 1.38140 579125.01
4141256.41 1.45425
579145.01 4141256.41 1.53627 579165.01
4141256.41 1.62909
579185.01 4141256.41 1.73367 579205.01
4141256.41 1.84817
579225.01 4141256.41 1.97496 579245.01
4141256.41 2.11275
579265.01 4141256.41 2.25774 578385.01
4141276.41 0.05183
578405.01 4141276.41 0.05250 578425.01
4141276.41 0.05578
578445.01 4141276.41 0.05930 578465.01
4141276.41 0.06254
578485.01 4141276.41 0.06644 578505.01
4141276.41 0.07122
578525.01 4141276.41 0.07650 578545.01
4141276.41 0.08241
578565.01 4141276.41 0.09354 578585.01
4141276.41 0.10261
578605.01 4141276.41 0.11179 578625.01
4141276.41 0.12248
578645.01 4141276.41 0.13366 578665.01
4141276.41 0.14774
578685.01 4141276.41 0.16504 578705.01
4141276.41 0.18588
578725.01 4141276.41 0.21121 578745.01
4141276.41 0.24025
578765.01 4141276.41 0.27779 578785.01
4141276.41 0.32462
578985.01 4141276.41 1.14771 579005.01
4141276.41 1.20003

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         579025.01    4141276.41        1.25151                       579045.01
4141276.41        1.30236
         579065.01    4141276.41        1.36261                       579085.01
4141276.41        1.42455
         579105.01    4141276.41        1.49847                       579125.01
4141276.41        1.58196
         579145.01    4141276.41        1.67882                       579165.01
4141276.41        1.78565
         579185.01    4141276.41        1.90481                       579205.01
4141276.41        2.03801
         579225.01    4141276.41        2.18641                       579245.01
4141276.41        2.34804
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21  ***
                                   INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                   HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                   HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                   HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579265.01    4141276.41        2.53071                       578385.01
4141296.41        0.05078
         578405.01    4141296.41        0.05997                       578425.01
4141296.41        0.05691
         578445.01    4141296.41        0.06019                       578465.01
4141296.41        0.06448
         578485.01    4141296.41        0.06863                       578505.01
4141296.41        0.07299
         578525.01    4141296.41        0.07809                       578545.01
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4141296.41 0.08414
578565.01 4141296.41 0.09441 578585.01
4141296.41 0.10425
578605.01 4141296.41 0.11390 578625.01
4141296.41 0.12554
578645.01 4141296.41 0.13836 578665.01
4141296.41 0.15242
578685.01 4141296.41 0.17030 578705.01
4141296.41 0.19261
578725.01 4141296.41 0.21985 578745.01
4141296.41 0.25333
579005.01 4141296.41 1.30675 579025.01
4141296.41 1.36016
579045.01 4141296.41 1.41619 579065.01
4141296.41 1.47559
579085.01 4141296.41 1.54815 579105.01
4141296.41 1.63538
579125.01 4141296.41 1.73274 579145.01
4141296.41 1.83946
579165.01 4141296.41 1.96697 579185.01
4141296.41 2.10434
579205.01 4141296.41 2.26039 579225.01
4141296.41 2.43653
579245.01 4141296.41 2.62733 579265.01
4141296.41 2.85279
579285.01 4141296.41 3.09917 578385.01
4141316.41 0.05208
578405.01 4141316.41 0.05481 578425.01
4141316.41 0.06479
578445.01 4141316.41 0.06224 578465.01
4141316.41 0.06505
578485.01 4141316.41 0.06982 578505.01
4141316.41 0.07766
578525.01 4141316.41 0.08552 578545.01
4141316.41 0.09095
578565.01 4141316.41 0.09868 578585.01
4141316.41 0.10672
578605.01 4141316.41 0.11671 578625.01
4141316.41 0.12849
578645.01 4141316.41 0.14267 578665.01
4141316.41 0.15807
578685.01 4141316.41 0.17660 578705.01
4141316.41 0.19986
578725.01 4141316.41 0.22934 579025.01
4141316.41 1.47835
579045.01 4141316.41 1.53810 579065.01
4141316.41 1.60810
579085.01 4141316.41 1.69435 579105.01
4141316.41 1.79589
579125.01 4141316.41 1.90723 579145.01

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4141316.41        2.03170
         579165.01    4141316.41        2.17926                       579185.01
4141316.41        2.34437
         579205.01    4141316.41        2.52669                       579225.01
4141316.41        2.73724
         579245.01    4141316.41        2.98526                       579265.01
4141316.41        3.26954
         579285.01    4141316.41        3.58095                       578385.01
4141336.41        0.05314
         578405.01    4141336.41        0.05582                       578425.01
4141336.41        0.05893
         578445.01    4141336.41        0.06627                       578465.01
4141336.41        0.07438
         578485.01    4141336.41        0.07133                       578505.01
4141336.41        0.07600
         578525.01    4141336.41        0.08732                       578545.01
4141336.41        0.09419
         578565.01    4141336.41        0.10105                       578585.01
4141336.41        0.10931
         578605.01    4141336.41        0.11957                       578625.01
4141336.41        0.13209
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 493
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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578645.01 4141336.41 0.14569 578665.01
4141336.41 0.16348
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579025.01 4141336.41 1.61377 579045.01
4141336.41 1.68006
579065.01 4141336.41 1.76367 579085.01
4141336.41 1.86500
579105.01 4141336.41 1.98154 579125.01
4141336.41 2.11426
579145.01 4141336.41 2.26736 579165.01
4141336.41 2.43726
579185.01 4141336.41 2.63561 579205.01
4141336.41 2.85302
579225.01 4141336.41 3.13032 579245.01
4141336.41 3.44089
579265.01 4141336.41 3.79810 579285.01
4141336.41 4.20873
578385.01 4141356.41 0.05482 578405.01
4141356.41 0.05784
578425.01 4141356.41 0.06126 578445.01
4141356.41 0.06464
578465.01 4141356.41 0.06863 578485.01
4141356.41 0.08046
578505.01 4141356.41 0.08520 578525.01
4141356.41 0.08919
578545.01 4141356.41 0.09627 578565.01
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578585.01 4141356.41 0.11257 578605.01
4141356.41 0.12314
578625.01 4141356.41 0.13530 578645.01
4141356.41 0.14975
578665.01 4141356.41 0.16796 578685.01
4141356.41 0.18985
579025.01 4141356.41 1.77164 579045.01
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579065.01 4141356.41 1.94444 579085.01
4141356.41 2.06266
579105.01 4141356.41 2.20061 579125.01
4141356.41 2.36092
579145.01 4141356.41 2.54373 579165.01
4141356.41 2.74883
579185.01 4141356.41 2.99275 579205.01
4141356.41 3.27886
579225.01 4141356.41 3.62032 579245.01
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579265.01 4141356.41 4.49343 579285.01
4141356.41 5.03532
579305.01 4141356.41 5.67844 578385.01
4141376.41 0.05610

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         578405.01    4141376.41        0.06384                        578425.01
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         578445.01    4141376.41        0.07166                        578465.01
4141376.41        0.07570
         578485.01    4141376.41        0.07838                        578505.01
4141376.41        0.08582
         578525.01    4141376.41        0.09390                        578545.01
4141376.41        0.09841
         578565.01    4141376.41        0.10704                        578585.01
4141376.41        0.11655
         578605.01    4141376.41        0.12725                        578625.01
4141376.41        0.13961
         578645.01    4141376.41        0.15463                        578665.01
4141376.41        0.17324
         578685.01    4141376.41        0.19732                        579005.01
4141376.41        1.88915
         579025.01    4141376.41        1.94922                        579045.01
4141376.41        2.03640
         579065.01    4141376.41        2.15354                        579085.01
4141376.41        2.29714
         579105.01    4141376.41        2.46013                        579125.01
4141376.41        2.65122
         579145.01    4141376.41        2.87516                        579165.01
4141376.41        3.13918
         579185.01    4141376.41        3.44996                        579205.01
4141376.41        3.81826
         579225.01    4141376.41        4.26331                        579245.01
4141376.41        4.79815
         579265.01    4141376.41        5.41887                        579285.01
4141376.41        6.18351
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 494
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                   HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                   HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                   HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	7.13999	578385.01	4141396.41	0.06169
578405.01	4141396.41	0.06493	578425.01	4141396.41	0.06620
578445.01	4141396.41	0.07246	578465.01	4141396.41	0.07767
578485.01	4141396.41	0.08280	578505.01	4141396.41	0.08756
578525.01	4141396.41	0.09567	578545.01	4141396.41	0.10107
578565.01	4141396.41	0.10909	578585.01	4141396.41	0.11889
578605.01	4141396.41	0.13036	578625.01	4141396.41	0.14406
578645.01	4141396.41	0.15996	578665.01	4141396.41	0.17925
579005.01	4141396.41	2.08424	579025.01	4141396.41	2.15242
579045.01	4141396.41	2.25605	579065.01	4141396.41	2.39585
579085.01	4141396.41	2.56959	579105.01	4141396.41	2.77399
579125.01	4141396.41	3.01977	579145.01	4141396.41	3.30562
579165.01	4141396.41	3.63909	579185.01	4141396.41	4.04104
579205.01	4141396.41	4.53670	579225.01	4141396.41	5.13644
579245.01	4141396.41	5.86798	579265.01	4141396.41	6.75599
579285.01	4141396.41	7.87885	579305.01	4141396.41	9.33737
578385.01	4141416.41	0.06260	578405.01	4141416.41	0.06536
578425.01	4141416.41	0.06968	578445.01	4141416.41	0.07407
578465.01	4141416.41	0.07891	578485.01	4141416.41	0.08467
578505.01	4141416.41	0.08994	578525.01	4141416.41	0.09660
578545.01	4141416.41	0.10417	578565.01		

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4141416.41        0.11169
         578585.01    4141416.41        0.12163                        578605.01
4141416.41        0.13347
         578625.01    4141416.41        0.14757                        578645.01
4141416.41        0.16438
         578665.01    4141416.41        0.18564                        579025.01
4141416.41        2.39194
         579045.01    4141416.41        2.52131                        579065.01
4141416.41        2.69436
         579085.01    4141416.41        2.91726                        579105.01
4141416.41        3.17837
         579125.01    4141416.41        3.49217                        579145.01
4141416.41        3.85708
         579165.01    4141416.41        4.29465                        579185.01
4141416.41        4.83133
         579205.01    4141416.41        5.49866                        579225.01
4141416.41        6.35274
         579245.01    4141416.41        7.41595                        579265.01
4141416.41        8.77901
         579285.01    4141416.41       10.45020                        579305.01
4141416.41       12.90820
         578385.01    4141436.41        0.06355                        578405.01
4141436.41        0.06704
         578425.01    4141436.41        0.07108                        578445.01
4141436.41        0.07603
         578465.01    4141436.41        0.08120                        578485.01
4141436.41        0.08694
         578505.01    4141436.41        0.09205                        578525.01
4141436.41        0.09947
         578545.01    4141436.41        0.10682                        578565.01
4141436.41        0.11477
         578585.01    4141436.41        0.12543                        578605.01
4141436.41        0.13750
         578625.01    4141436.41        0.15209                        578645.01
4141436.41        0.16950
         579025.01    4141436.41        2.67900                        579045.01
4141436.41        2.85195
         579065.01    4141436.41        3.07900                        579085.01
4141436.41        3.36625
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 495
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
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, HAUL0003    , HAUL0004    , HAUL0005    ,
                HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141436.41        4.10825
         579145.01    4141436.41        4.59599                       579165.01
4141436.41        5.18796
         579185.01    4141436.41        5.93494                       579205.01
4141436.41        6.90378
         579225.01    4141436.41        8.18607                       579245.01
4141436.41        9.88031
         579265.01    4141436.41       12.04191                       579285.01
4141436.41       11.18933
         579305.01    4141436.41        7.20838                       579325.01
4141436.41        8.73706
         578385.01    4141456.41        0.06506                       578405.01
4141456.41        0.06848
         578425.01    4141456.41        0.07245                       578445.01
4141456.41        0.07730
         578465.01    4141456.41        0.08261                       578485.01
4141456.41        0.08878
         578505.01    4141456.41        0.09406                       578525.01
4141456.41        0.10256
         578545.01    4141456.41        0.10927                       578565.01
4141456.41        0.11891
         578585.01    4141456.41        0.13015                       578605.01
4141456.41        0.14236
         578625.01    4141456.41        0.15716                       578645.01
4141456.41        0.17561
         579045.01    4141456.41        3.26863                       579065.01
4141456.41        3.57723
         579085.01    4141456.41        3.94410                       579105.01
4141456.41        4.38857
         579125.01    4141456.41        4.93596                       579145.01
4141456.41        5.61587
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         579165.01    4141456.41        6.45974                    579185.01
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4141456.41       11.20683
         579245.01    4141456.41        9.71984                    579265.01
4141456.41       11.88449
         578385.01    4141476.41        0.06645                    578405.01
4141476.41        0.07018
         578425.01    4141476.41        0.07416                    578445.01
4141476.41        0.07850
         578465.01    4141476.41        0.08384                    578485.01
4141476.41        0.09059
         578505.01    4141476.41        0.09661                    578525.01
4141476.41        0.10606
         578545.01    4141476.41        0.11195                    578565.01
4141476.41        0.12180
         578585.01    4141476.41        0.13328                    578605.01
4141476.41        0.14689
         578625.01    4141476.41        0.16296                    578645.01
4141476.41        0.18294
         579065.01    4141476.41        4.21809                    579085.01
4141476.41        4.72840
         579105.01    4141476.41        5.33359                    579125.01
4141476.41        6.08482
         579145.01    4141476.41        7.07019                    579165.01
4141476.41        8.39832
         579185.01    4141476.41       10.12437                    579205.01
4141476.41       12.63702
         579225.01    4141476.41       10.23851                    578385.01
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         578405.01    4141496.41        0.07177                    578425.01
4141496.41        0.07587
         578445.01    4141496.41        0.08028                    578465.01
4141496.41        0.08573
         578485.01    4141496.41        0.09234                    578505.01
4141496.41        0.09862
         578525.01    4141496.41        0.10859                    578545.01
4141496.41        0.11493
         578565.01    4141496.41        0.12463                    578585.01
4141496.41        0.13651
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4141496.41        0.16699
         578645.01    4141496.41        0.18905                    579085.01
4141496.41        5.82518
         579105.01    4141496.41        6.71596                    579125.01
4141496.41        7.81375
         579145.01    4141496.41        9.31520                    579165.01
4141496.41       11.48551
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	12.43523	579205.01	4141496.41	8.83073
578385.01	4141516.41	0.06812	578405.01	4141516.41	0.07263
578425.01	4141516.41	0.07759	578445.01	4141516.41	0.08191
578465.01	4141516.41	0.08739	578485.01	4141516.41	0.09433
578505.01	4141516.41	0.10065	578525.01	4141516.41	0.11080
578545.01	4141516.41	0.11765	578565.01	4141516.41	0.12848
578585.01	4141516.41	0.14029	578605.01	4141516.41	0.15450
578625.01	4141516.41	0.17249	578645.01	4141516.41	0.19532
579085.01	4141516.41	7.42859	579105.01	4141516.41	8.83931
579125.01	4141516.41	10.61909	579145.01	4141516.41	13.09840
579165.01	4141516.41	7.32926	578385.01	4141536.41	0.06893
578405.01	4141536.41	0.07312	578425.01		

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4141536.41        0.07788
         578445.01    4141536.41        0.08365                    578465.01
4141536.41        0.08929
         578485.01    4141536.41        0.09598                    578505.01
4141536.41        0.10264
         578525.01    4141536.41        0.11301                    578545.01
4141536.41        0.12023
         578565.01    4141536.41        0.13186                    578585.01
4141536.41        0.14468
         578605.01    4141536.41        0.15938                    578625.01
4141536.41        0.17822
         578645.01    4141536.41        0.20104                    578665.01
4141536.41        0.22995
         579105.01    4141536.41       12.29417                    579125.01
4141536.41       11.55093
         579185.01    4141536.41        5.10338                    578385.01
4141556.41        0.06971
         578405.01    4141556.41        0.07383                    578425.01
4141556.41        0.07842
         578445.01    4141556.41        0.08391                    578465.01
4141556.41        0.09032
         578485.01    4141556.41        0.09697                    578505.01
4141556.41        0.10418
         578525.01    4141556.41        0.11424                    578545.01
4141556.41        0.12192
         578565.01    4141556.41        0.13368                    578585.01
4141556.41        0.14732
         578605.01    4141556.41        0.16357                    578625.01
4141556.41        0.18283
         578645.01    4141556.41        0.20652                    578665.01
4141556.41        0.23626
         578685.01    4141556.41        0.27488                    579165.01
4141556.41        4.62689
         579185.01    4141556.41        5.14094                    579205.01
4141556.41        4.80389
         578385.01    4141576.41        0.07104                    578405.01
4141576.41        0.07475
         578425.01    4141576.41        0.07930                    578445.01
4141576.41        0.08469
         578465.01    4141576.41        0.09037                    578485.01
4141576.41        0.09714
         578505.01    4141576.41        0.10538                    578525.01
4141576.41        0.11554
         578545.01    4141576.41        0.12449                    578565.01
4141576.41        0.13613
         578585.01    4141576.41        0.14984                    578605.01
4141576.41        0.16630
         578625.01    4141576.41        0.18659                    578645.01
4141576.41        0.21229
         578665.01    4141576.41        0.24353                    578685.01
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4141576.41 0.28374
 578705.01 4141576.41 0.33830 579145.01
4141576.41 5.61801
 579165.01 4141576.41 5.27214 579185.01
4141576.41 4.08808
 579205.01 4141576.41 3.32515 579225.01
4141576.41 2.83411

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	2.51729	579265.01	4141576.41	2.38564
578385.01	4141596.41	0.07183	578405.01	4141596.41	0.07618
578425.01	4141596.41	0.08063	578445.01	4141596.41	0.08598
578465.01	4141596.41	0.09179	578485.01	4141596.41	0.09840
578505.01	4141596.41	0.10706	578525.01	4141596.41	0.11678
578545.01	4141596.41	0.12638	578565.01	4141596.41	0.13891
578585.01	4141596.41	0.15308	578605.01	4141596.41	0.16962

578625.01 4141596.41 0.19031 578645.01
4141596.41 0.21659
578665.01 4141596.41 0.25027 578685.01
4141596.41 0.29399
578705.01 4141596.41 0.35120 578725.01
4141596.41 0.43587
578745.01 4141596.41 0.56795 579105.01
4141596.41 5.98581
579145.01 4141596.41 4.40017 579165.01
4141596.41 3.51011
579185.01 4141596.41 2.91758 579205.01
4141596.41 2.51707
579225.01 4141596.41 2.24982 579245.01
4141596.41 2.09174
579265.01 4141596.41 2.05122 579285.01
4141596.41 2.06123
579305.01 4141596.41 2.27078 579325.01
4141596.41 2.66522
579345.01 4141596.41 3.50300 578385.01
4141616.41 0.07214
578405.01 4141616.41 0.07682 578425.01
4141616.41 0.08175
578445.01 4141616.41 0.08716 578465.01
4141616.41 0.09311
578485.01 4141616.41 0.10000 578505.01
4141616.41 0.10820
578525.01 4141616.41 0.11843 578545.01
4141616.41 0.12822
578565.01 4141616.41 0.14096 578585.01
4141616.41 0.15561
578605.01 4141616.41 0.17325 578625.01
4141616.41 0.19491
578645.01 4141616.41 0.22146 578665.01
4141616.41 0.25627
578685.01 4141616.41 0.30323 578705.01
4141616.41 0.36758
578725.01 4141616.41 0.45737 578745.01
4141616.41 0.59332
579065.01 4141616.41 4.59366 579085.01
4141616.41 4.99566
579105.01 4141616.41 4.74904 579125.01
4141616.41 3.75138
579165.01 4141616.41 2.58828 579185.01
4141616.41 2.26095
579205.01 4141616.41 2.02609 579225.01
4141616.41 1.86865
579245.01 4141616.41 1.78987 579265.01
4141616.41 1.79045
579285.01 4141616.41 1.82370 579305.01
4141616.41 2.01898

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141616.41	2.38216	579345.01	4141616.41	3.10615
578385.01	4141636.41	0.07257	578405.01	4141636.41	0.07729
578425.01	4141636.41	0.08228	578445.01	4141636.41	0.08800
578465.01	4141636.41	0.09440	578485.01	4141636.41	0.10112
578505.01	4141636.41	0.10938	578525.01	4141636.41	0.11908
578545.01	4141636.41	0.12969	578565.01	4141636.41	0.14257
578585.01	4141636.41	0.15821	578605.01	4141636.41	0.17670
578625.01	4141636.41	0.19902	578645.01	4141636.41	0.22739
578665.01	4141636.41	0.26378	578685.01	4141636.41	0.31358
578705.01	4141636.41	0.38222	578725.01	4141636.41	0.47486
579045.01	4141636.41	5.41084	579065.01		

4141636.41 5.14307
579085.01 4141636.41 3.97965 579105.01
4141636.41 3.22069
579125.01 4141636.41 2.68182 579165.01
4141636.41 2.03625
579185.01 4141636.41 1.81861 579205.01
4141636.41 1.67752
579225.01 4141636.41 1.59122 579245.01
4141636.41 1.56353
579265.01 4141636.41 1.58363 579285.01
4141636.41 1.65998
579305.01 4141636.41 1.84259 579325.01
4141636.41 2.15202
579345.01 4141636.41 2.69513 578385.01
4141656.41 0.07328
578405.01 4141656.41 0.07783 578425.01
4141656.41 0.08265
578445.01 4141656.41 0.08840 578465.01
4141656.41 0.09523
578485.01 4141656.41 0.10240 578505.01
4141656.41 0.11110
578525.01 4141656.41 0.12035 578545.01
4141656.41 0.13135
578565.01 4141656.41 0.14455 578585.01
4141656.41 0.16042
578605.01 4141656.41 0.17975 578625.01
4141656.41 0.20412
578645.01 4141656.41 0.23386 578665.01
4141656.41 0.27220
578685.01 4141656.41 0.32569 578705.01
4141656.41 0.39311
578725.01 4141656.41 0.48656 579005.01
4141656.41 4.08709
579025.01 4141656.41 5.57925 579045.01
4141656.41 4.21592
579065.01 4141656.41 3.37035 579085.01
4141656.41 2.78654
579105.01 4141656.41 2.36869 579125.01
4141656.41 2.06217
579145.01 4141656.41 1.82724 579185.01
4141656.41 1.51730
579205.01 4141656.41 1.43470 579225.01
4141656.41 1.39260
579245.01 4141656.41 1.39820 579265.01
4141656.41 1.42331
579285.01 4141656.41 1.51668 579305.01
4141656.41 1.69730
579325.01 4141656.41 1.95728 579345.01
4141656.41 2.39732
578385.01 4141676.41 0.07378 578405.01

4141676.41 0.07828
  578425.01 4141676.41 0.08292 578445.01
4141676.41 0.08889
  578465.01 4141676.41 0.09600 578485.01
4141676.41 0.10337
  578505.01 4141676.41 0.11238 578525.01
4141676.41 0.12201
  578545.01 4141676.41 0.13344 578565.01
4141676.41 0.14706
  578585.01 4141676.41 0.16353 578605.01
4141676.41 0.18342
  578625.01 4141676.41 0.20853 578645.01
4141676.41 0.24073
  578665.01 4141676.41 0.28182 578685.01
4141676.41 0.33311
  578705.01 4141676.41 0.40099 578985.01
4141676.41 4.63260
  579005.01 4141676.41 4.44871 579025.01
4141676.41 3.50347
  579045.01 4141676.41 2.87542 579065.01
4141676.41 2.41700
  579085.01 4141676.41 2.08864 579105.01
4141676.41 1.83320
  579125.01 4141676.41 1.63488 579145.01
4141676.41 1.48686

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	1.38390	579185.01	4141676.41	1.30641
579205.01	4141676.41	1.25650	579225.01	4141676.41	1.23979
579245.01	4141676.41	1.26359	579265.01	4141676.41	1.31976
579285.01	4141676.41	1.40742	579305.01	4141676.41	1.54832
579325.01	4141676.41	1.80845	579345.01	4141676.41	2.24057
578385.01	4141696.41	0.07420	578405.01	4141696.41	0.07840
578425.01	4141696.41	0.08387	578445.01	4141696.41	0.09032
578465.01	4141696.41	0.09699	578485.01	4141696.41	0.10445
578505.01	4141696.41	0.11364	578525.01	4141696.41	0.12404
578565.01	4141696.41	0.15006	578585.01	4141696.41	0.16717
578605.01	4141696.41	0.18802	578625.01	4141696.41	0.21362
578645.01	4141696.41	0.24693	578665.01	4141696.41	0.28818
578685.01	4141696.41	0.33929	578945.01	4141696.41	3.69965
578965.01	4141696.41	4.36009	578985.01	4141696.41	3.50080
579005.01	4141696.41	2.88737	579025.01	4141696.41	2.43203
579045.01	4141696.41	2.09192	579065.01	4141696.41	1.83553
579085.01	4141696.41	1.63324	579105.01	4141696.41	1.47420
579125.01	4141696.41	1.34429	579145.01	4141696.41	1.25044
579165.01	4141696.41	1.18377	579185.01	4141696.41	1.14143
579205.01	4141696.41	1.11723	579225.01	4141696.41	1.11888
579245.01	4141696.41	1.14211	579265.01	4141696.41	1.21050
579285.01	4141696.41	1.31076	579305.01	4141696.41	1.44017
579325.01	4141696.41	1.68396	579345.01	4141696.41	2.06346

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         578385.01    4141716.41        0.07458                        578405.01
4141716.41        0.07932
         578425.01    4141716.41        0.08517                        578445.01
4141716.41        0.09135
         578465.01    4141716.41        0.09801                        578485.01
4141716.41        0.10574
         578505.01    4141716.41        0.11537                        578525.01
4141716.41        0.12660
         578605.01    4141716.41        0.19256                        578625.01
4141716.41        0.21945
         578645.01    4141716.41        0.25299                        578665.01
4141716.41        0.29305
         578685.01    4141716.41        0.34370                        578905.01
4141716.41        2.88223
         578925.01    4141716.41        3.18027                        578945.01
4141716.41        3.03788
         578965.01    4141716.41        2.68092                        578985.01
4141716.41        2.33041
         579005.01    4141716.41        2.03168                        579025.01
4141716.41        1.79490
         579045.01    4141716.41        1.60128                        579065.01
4141716.41        1.44227
         579085.01    4141716.41        1.31698                        579105.01
4141716.41        1.22137
         579125.01    4141716.41        1.13749                        579145.01
4141716.41        1.07344
         579165.01    4141716.41        1.03513                        579185.01
4141716.41        1.01213
         579205.01    4141716.41        1.00509                        579225.01
4141716.41        1.01783
         579245.01    4141716.41        1.03993                        579265.01
4141716.41        1.10897
         579285.01    4141716.41        1.20683                        579305.01
4141716.41        1.33171
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 500
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21  ***
                                   INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
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HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026
, HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	1.54286	579345.01	4141716.41	1.87469
578385.01	4141736.41	0.07517	578405.01	4141736.41	0.08057
578425.01	4141736.41	0.08620	578445.01	4141736.41	0.09229
578465.01	4141736.41	0.09905	578485.01	4141736.41	0.10731
578505.01	4141736.41	0.11848	578625.01	4141736.41	0.22478
578645.01	4141736.41	0.25693	578665.01	4141736.41	0.29644
578865.01	4141736.41	1.56596	578885.01	4141736.41	1.84300
578905.01	4141736.41	2.05080	578925.01	4141736.41	2.10200
578945.01	4141736.41	2.01602	578965.01	4141736.41	1.85468
578985.01	4141736.41	1.68676	579005.01	4141736.41	1.52846
579025.01	4141736.41	1.38939	579045.01	4141736.41	1.27051
579065.01	4141736.41	1.17378	579085.01	4141736.41	1.09541
579105.01	4141736.41	1.03328	579125.01	4141736.41	0.98048
579145.01	4141736.41	0.94086	579165.01	4141736.41	0.91787
579185.01	4141736.41	0.90929	579205.01	4141736.41	0.91318
579225.01	4141736.41	0.93271	579245.01	4141736.41	0.96927
579265.01	4141736.41	1.02571	579285.01	4141736.41	1.11827
579305.01	4141736.41	1.25978	579325.01	4141736.41	1.45368
579345.01	4141736.41	1.76201	578385.01		

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4141756.41        0.07645
         578405.01    4141756.41        0.08159                        578425.01
4141756.41        0.08727
         578445.01    4141756.41        0.09365                        578465.01
4141756.41        0.10085
         578485.01    4141756.41        0.11017                        578845.01
4141756.41        1.14715
         578865.01    4141756.41        1.31059                        578885.01
4141756.41        1.44835
         578905.01    4141756.41        1.52428                        578925.01
4141756.41        1.52462
         578945.01    4141756.41        1.47022                        578965.01
4141756.41        1.39068
         578985.01    4141756.41        1.29586                        579005.01
4141756.41        1.20309
         579025.01    4141756.41        1.11918                        579045.01
4141756.41        1.04682
         579065.01    4141756.41        0.98479                        579085.01
4141756.41        0.93337
         579105.01    4141756.41        0.89185                        579125.01
4141756.41        0.85832
         579145.01    4141756.41        0.83543                        579165.01
4141756.41        0.82412
         579185.01    4141756.41        0.82563                        579205.01
4141756.41        0.83677
         579225.01    4141756.41        0.86242                        579245.01
4141756.41        0.90575
         579265.01    4141756.41        0.96674                        579285.01
4141756.41        1.04785
         579305.01    4141756.41        1.16927                        579325.01
4141756.41        1.36450
         579345.01    4141756.41        1.63355                        578385.01
4141776.41        0.07738
         578405.01    4141776.41        0.08273                        578425.01
4141776.41        0.08837
         578445.01    4141776.41        0.09489                        578465.01
4141776.41        0.10271
         578485.01    4141776.41        0.11239                        578825.01
4141776.41        0.88051
         578845.01    4141776.41        0.99442                        578865.01
4141776.41        1.09690
         578885.01    4141776.41        1.15995                        578905.01
4141776.41        1.18744
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                  PAGE 501
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***

INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	1.17889	578945.01	4141776.41	1.14479
578965.01	4141776.41	1.09259	578985.01	4141776.41	1.03901
579005.01	4141776.41	0.98464	579025.01	4141776.41	0.93246
579045.01	4141776.41	0.88445	579065.01	4141776.41	0.84450
579085.01	4141776.41	0.80990	579105.01	4141776.41	0.78292
579125.01	4141776.41	0.76244	579145.01	4141776.41	0.75059
579165.01	4141776.41	0.74799	579185.01	4141776.41	0.75614
579205.01	4141776.41	0.77241	579225.01	4141776.41	0.80158
579245.01	4141776.41	0.84710	579265.01	4141776.41	0.90728
579285.01	4141776.41	0.99086	579305.01	4141776.41	1.09014
579325.01	4141776.41	1.27728	579345.01	4141776.41	1.51992
578405.01	4141796.41	0.08379	578425.01	4141796.41	0.08970
578445.01	4141796.41	0.09654	578465.01	4141796.41	0.10551
578805.01	4141796.41	0.70786	578825.01	4141796.41	0.78483

578845.01 4141796.41 0.85552 578865.01
4141796.41 0.92088
578885.01 4141796.41 0.95276 578905.01
4141796.41 0.95957
578925.01 4141796.41 0.95134 578945.01
4141796.41 0.92676
578965.01 4141796.41 0.89650 578985.01
4141796.41 0.86330
579005.01 4141796.41 0.82832 579025.01
4141796.41 0.79515
579045.01 4141796.41 0.76339 579065.01
4141796.41 0.73598
579085.01 4141796.41 0.71369 579105.01
4141796.41 0.69727
579125.01 4141796.41 0.68596 579145.01
4141796.41 0.68177
579165.01 4141796.41 0.68547 579185.01
4141796.41 0.69766
579205.01 4141796.41 0.71699 579225.01
4141796.41 0.74841
579245.01 4141796.41 0.78830 579265.01
4141796.41 0.85478
579285.01 4141796.41 0.92295 579305.01
4141796.41 1.02485
579325.01 4141796.41 1.17176 579345.01
4141796.41 1.37839
578445.01 4141816.41 0.09893 578585.01
4141816.41 0.18852
578605.01 4141816.41 0.21076 578665.01
4141816.41 0.29902
578685.01 4141816.41 0.33666 578785.01
4141816.41 0.58628
578805.01 4141816.41 0.64407 578825.01
4141816.41 0.69799
578845.01 4141816.41 0.74361 578865.01
4141816.41 0.78053
578885.01 4141816.41 0.79904 578905.01
4141816.41 0.79862
578925.01 4141816.41 0.79170 578945.01
4141816.41 0.77599
578965.01 4141816.41 0.75669 578985.01
4141816.41 0.73412
579005.01 4141816.41 0.71164 579025.01
4141816.41 0.68955
579045.01 4141816.41 0.66921 579065.01
4141816.41 0.65167
579085.01 4141816.41 0.63798 579105.01
4141816.41 0.62851
579125.01 4141816.41 0.62379 579145.01
4141816.41 0.62503

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.66970	579225.01	4141816.41	0.70184
579245.01	4141816.41	0.73939	579265.01	4141816.41	0.78955
579285.01	4141816.41	0.86681	579305.01	4141816.41	0.97618
579325.01	4141816.41	1.10493	579345.01	4141816.41	1.29330
578565.01	4141836.41	0.17230	578585.01	4141836.41	0.19081
578605.01	4141836.41	0.21308	578625.01	4141836.41	0.23761
578645.01	4141836.41	0.26496	578665.01	4141836.41	0.29624
578685.01	4141836.41	0.33046	578705.01	4141836.41	0.36783
578725.01	4141836.41	0.40889	578765.01	4141836.41	0.49654
578785.01	4141836.41	0.54104	578805.01		

4141836.41 0.58380
578825.01 4141836.41 0.62148 578845.01
4141836.41 0.65174
578865.01 4141836.41 0.67465 578885.01
4141836.41 0.68143
578905.01 4141836.41 0.68079 578925.01
4141836.41 0.67499
578945.01 4141836.41 0.66460 578965.01
4141836.41 0.65165
578985.01 4141836.41 0.63715 579005.01
4141836.41 0.62197
579025.01 4141836.41 0.60755 579045.01
4141836.41 0.59452
579065.01 4141836.41 0.58390 579085.01
4141836.41 0.57650
579105.01 4141836.41 0.57230 579125.01
4141836.41 0.57211
579145.01 4141836.41 0.57740 579165.01
4141836.41 0.58822
579185.01 4141836.41 0.60502 579205.01
4141836.41 0.62817
579225.01 4141836.41 0.66028 579245.01
4141836.41 0.70055
579265.01 4141836.41 0.74765 579285.01
4141836.41 0.81865
579305.01 4141836.41 0.91581 579325.01
4141836.41 1.03718
579345.01 4141836.41 1.24184 578565.01
4141856.41 0.17479
578585.01 4141856.41 0.19315 578605.01
4141856.41 0.21404
578625.01 4141856.41 0.23736 578645.01
4141856.41 0.26314
578665.01 4141856.41 0.29162 578685.01
4141856.41 0.32245
578705.01 4141856.41 0.35569 578725.01
4141856.41 0.39098
578745.01 4141856.41 0.42703 578765.01
4141856.41 0.46329
578785.01 4141856.41 0.49826 578805.01
4141856.41 0.52966
578825.01 4141856.41 0.55508 578845.01
4141856.41 0.57632
578865.01 4141856.41 0.58876 578885.01
4141856.41 0.59147
578905.01 4141856.41 0.59121 578925.01
4141856.41 0.58630
578945.01 4141856.41 0.57934 578965.01
4141856.41 0.57084
578985.01 4141856.41 0.56134 579005.01

4141856.41 0.55166
579025.01 4141856.41 0.54269 579045.01
4141856.41 0.53483
579065.01 4141856.41 0.52911 579085.01
4141856.41 0.52606
579105.01 4141856.41 0.52574 579125.01
4141856.41 0.52896
579145.01 4141856.41 0.53696 579165.01
4141856.41 0.54979
579185.01 4141856.41 0.56717 579205.01
4141856.41 0.59088

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.62358	579245.01	4141856.41	0.66229
579265.01	4141856.41	0.71032	579285.01	4141856.41	0.78689
579305.01	4141856.41	0.87811	579325.01	4141856.41	0.97688
579345.01	4141856.41	1.15437	578545.01	4141876.41	0.16035
578565.01	4141876.41	0.17645	578585.01	4141876.41	0.19418

578605.01 4141876.41 0.21401 578625.01
4141876.41 0.23588
578645.01 4141876.41 0.25984 578665.01
4141876.41 0.28576
578685.01 4141876.41 0.31338 578705.01
4141876.41 0.34253
578725.01 4141876.41 0.37225 578745.01
4141876.41 0.40201
578765.01 4141876.41 0.43088 578785.01
4141876.41 0.45765
578805.01 4141876.41 0.48080 578825.01
4141876.41 0.49907
578845.01 4141876.41 0.51185 578865.01
4141876.41 0.51848
578885.01 4141876.41 0.52091 578905.01
4141876.41 0.52054
578925.01 4141876.41 0.51666 578945.01
4141876.41 0.51231
578965.01 4141876.41 0.50689 578985.01
4141876.41 0.50112
579005.01 4141876.41 0.49533 579025.01
4141876.41 0.49010
579045.01 4141876.41 0.48605 579065.01
4141876.41 0.48381
579085.01 4141876.41 0.48392 579105.01
4141876.41 0.48619
579125.01 4141876.41 0.49181 579145.01
4141876.41 0.50163
579165.01 4141876.41 0.51598 579185.01
4141876.41 0.53390
579205.01 4141876.41 0.55798 579225.01
4141876.41 0.58959
579245.01 4141876.41 0.62760 579265.01
4141876.41 0.67419
579285.01 4141876.41 0.74538 579305.01
4141876.41 0.82985
579325.01 4141876.41 0.92516 579345.01
4141876.41 1.09126
578545.01 4141896.41 0.16180 578565.01
4141896.41 0.17725
578585.01 4141896.41 0.19433 578605.01
4141896.41 0.21321
578625.01 4141896.41 0.23352 578645.01
4141896.41 0.25540
578665.01 4141896.41 0.27885 578685.01
4141896.41 0.30329
578705.01 4141896.41 0.32806 578725.01
4141896.41 0.35315
578745.01 4141896.41 0.37763 578765.01
4141896.41 0.40042

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         578785.01    4141896.41        0.42086                       578805.01
4141896.41        0.43771
         578825.01    4141896.41        0.45054                       578845.01
4141896.41        0.45848
         578865.01    4141896.41        0.46283                       578885.01
4141896.41        0.46447
         578905.01    4141896.41        0.46342                       578925.01
4141896.41        0.46087
         578945.01    4141896.41        0.45827                       578965.01
4141896.41        0.45545
         578985.01    4141896.41        0.45206                       579005.01
4141896.41        0.44904
         579025.01    4141896.41        0.44681                       579045.01
4141896.41        0.44558
         579065.01    4141896.41        0.44579                       579085.01
4141896.41        0.44816
         579105.01    4141896.41        0.45232                       579125.01
4141896.41        0.45990
         579145.01    4141896.41        0.47091                       579165.01
4141896.41        0.48593
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 504
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                   HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                   HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                   HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         579185.01    4141896.41        0.50427                       579205.01
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4141896.41        0.52780
         579225.01    4141896.41        0.55829                   579245.01
4141896.41        0.59745
         579265.01    4141896.41        0.64328                   579285.01
4141896.41        0.70806
         579305.01    4141896.41        0.78427                   579325.01
4141896.41        0.88901
         579345.01    4141896.41        1.03843                   578565.01
4141916.41        0.17775
         578585.01    4141916.41        0.19357                   578605.01
4141916.41        0.21128
         578625.01    4141916.41        0.23000                   578645.01
4141916.41        0.24993
         578665.01    4141916.41        0.27079                   578685.01
4141916.41        0.29194
         578705.01    4141916.41        0.31320                   578725.01
4141916.41        0.33419
         578745.01    4141916.41        0.35365                   578765.01
4141916.41        0.37176
         578785.01    4141916.41        0.38735                   578805.01
4141916.41        0.40013
         578825.01    4141916.41        0.40874                   578845.01
4141916.41        0.41411
         578865.01    4141916.41        0.41701                   578885.01
4141916.41        0.41801
         578905.01    4141916.41        0.41771                   578925.01
4141916.41        0.41651
         578945.01    4141916.41        0.41451                   578965.01
4141916.41        0.41315
         578985.01    4141916.41        0.41164                   579005.01
4141916.41        0.41069
         579025.01    4141916.41        0.41032                   579045.01
4141916.41        0.41115
         579065.01    4141916.41        0.41351                   579085.01
4141916.41        0.41751
         579105.01    4141916.41        0.42319                   579125.01
4141916.41        0.43180
         579145.01    4141916.41        0.44359                   579165.01
4141916.41        0.45904
         579185.01    4141916.41        0.47735                   578386.27
4141125.26        0.04237
         578406.27    4141125.26        0.04482                   578426.27
4141125.26        0.04698
         578446.27    4141125.26        0.04947                   578466.27
4141125.26        0.05303
         578486.27    4141125.26        0.05808                   578506.27
4141125.26        0.06242
         578526.27    4141125.26        0.06588                   578546.27
4141125.26        0.07012
         578566.27    4141125.26        0.07484                   578586.27
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4141125.26        0.08057
         578606.27    4141125.26        0.08781                        578626.27
4141125.26        0.09437
         578646.27    4141125.26        0.10245                        578666.27
4141125.26        0.11264
         578686.27    4141125.26        0.12220                        578706.27
4141125.26        0.13352
         578726.27    4141125.26        0.14738                        578746.27
4141125.26        0.16534
         578766.27    4141125.26        0.19037                        578786.27
4141125.26        0.21306
         578806.27    4141125.26        0.24099                        578826.27
4141125.26        0.27104
         578846.27    4141125.26        0.30498                        578866.27
4141125.26        0.34417
         578886.27    4141125.26        0.38860                        578906.27
4141125.26        0.43641
         578926.27    4141125.26        0.48290                        578946.27
4141125.26        0.52975
         578966.27    4141125.26        0.57594                        578986.27
4141125.26        0.62091
         579006.27    4141125.26        0.66408                        579026.27
4141125.26        0.70675
         579046.27    4141125.26        0.74610                        579066.27
4141125.26        0.78187
         579086.27    4141125.26        0.81954                        579106.27
4141125.26        0.86063
         579126.27    4141125.26        0.90461                        579146.27
4141125.26        0.94871
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	0.99115	579186.27	4141125.26	1.03886
579206.27	4141125.26	1.09285	578386.27	4141145.26	0.04297
578406.27	4141145.26	0.04537	578426.27	4141145.26	0.04817
578446.27	4141145.26	0.05046	578466.27	4141145.26	0.05339
578486.27	4141145.26	0.05904	578506.27	4141145.26	0.06297
578526.27	4141145.26	0.06772	578546.27	4141145.26	0.07194
578566.27	4141145.26	0.07706	578586.27	4141145.26	0.08219
578606.27	4141145.26	0.08931	578626.27	4141145.26	0.09854
578646.27	4141145.26	0.10865	578666.27	4141145.26	0.11468
578686.27	4141145.26	0.12560	578706.27	4141145.26	0.13841
578726.27	4141145.26	0.16049	578746.27	4141145.26	0.17863
578766.27	4141145.26	0.19942	578786.27	4141145.26	0.22405
578806.27	4141145.26	0.25393	578826.27	4141145.26	0.28820
578846.27	4141145.26	0.32509	578866.27	4141145.26	0.36916
578886.27	4141145.26	0.41741	578906.27	4141145.26	0.46892
578926.27	4141145.26	0.52193	578946.27	4141145.26	0.57262
578966.27	4141145.26	0.62183	578986.27	4141145.26	0.66959
579006.27	4141145.26	0.71474	579026.27	4141145.26	0.75641
579046.27	4141145.26	0.79480	579066.27	4141145.26	0.83478
579086.27	4141145.26	0.87890	579106.27	4141145.26	0.92119
579126.27	4141145.26	0.96871	579146.27	4141145.26	1.01494

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         579166.27    4141145.26        1.06337                        579186.27
4141145.26        1.11412
         579206.27    4141145.26        1.17241                        578723.62
4141929.59        0.32054
         578743.62    4141929.59        0.33770                        578763.62
4141929.59        0.35315
         578783.62    4141929.59        0.36636                        578803.62
4141929.59        0.37688
         578823.62    4141929.59        0.38402                        578843.62
4141929.59        0.38873
         578863.62    4141929.59        0.39120                        578883.62
4141929.59        0.39236
         578903.62    4141929.59        0.39214                        578923.62
4141929.59        0.39148
         578943.62    4141929.59        0.39055                        578963.62
4141929.59        0.38958
         578983.62    4141929.59        0.38881                        579003.62
4141929.59        0.38875
         579023.62    4141929.59        0.38942                        579043.62
4141929.59        0.39111
         579063.62    4141929.59        0.39425                        579083.62
4141929.59        0.39911
         579103.62    4141929.59        0.40581                        579123.62
4141929.59        0.41460
         579143.62    4141929.59        0.42637                        579163.62
4141929.59        0.44161
         579183.62    4141929.59        0.45965                        578725.67
4141942.60        0.31015
         578745.67    4141942.60        0.32525                        578765.67
4141942.60        0.33823
         578785.67    4141942.60        0.34903                        578805.67
4141942.60        0.35708
         578825.67    4141942.60        0.36285                        578845.67
4141942.60        0.36675
         578865.67    4141942.60        0.36871                        578885.67
4141942.60        0.36957
         578905.67    4141942.60        0.36953                        578925.67
4141942.60        0.36924
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                        ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                        ***       15:03:32

                                   PAGE 506
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21  ***
                                   INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
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                HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         578945.67    4141942.60        0.36893                       578965.67
4141942.60        0.36873
         578985.67    4141942.60        0.36877                       579005.67
4141942.60        0.36940
         579025.67    4141942.60        0.37097                       579045.67
4141942.60        0.37367
         579065.67    4141942.60        0.37768                       579085.67
4141942.60        0.38328
         579105.67    4141942.60        0.39087                       579125.67
4141942.60        0.40064
         579145.67    4141942.60        0.41282                       579165.67
4141942.60        0.42813
         579185.67    4141942.60        0.44631                       578745.52
4141955.60        0.31127
         578765.52    4141955.60        0.32267                       578785.52
4141955.60        0.33163
         578805.52    4141955.60        0.33824                       578825.52
4141955.60        0.34308
         578845.52    4141955.60        0.34640                       578865.52
4141955.60        0.34825
         578885.52    4141955.60        0.34908                       578905.52
4141955.60        0.34934
         578925.52    4141955.60        0.34949                       578945.52
4141955.60        0.34963
         578965.52    4141955.60        0.35005                       578985.52
4141955.60        0.35085
         579005.52    4141955.60        0.35215                       579025.52
4141955.60        0.35422
         579045.52    4141955.60        0.35744                       579065.52
4141955.60        0.36201
         579085.52    4141955.60        0.36818                       579105.52
4141955.60        0.37608
         579125.52    4141955.60        0.38618                       579145.52
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4141955.60        0.39861
         579165.52    4141955.60        0.41362                      579185.52
4141955.60        0.43141
         578785.22    4141971.34        0.31226                      578805.22
4141971.34        0.31786
         578825.22    4141971.34        0.32179                      578845.22
4141971.34        0.32438
         578865.22    4141971.34        0.32613                      578885.22
4141971.34        0.32695
         578905.22    4141971.34        0.32756                      578925.22
4141971.34        0.32819
         578945.22    4141971.34        0.32879                      578965.22
4141971.34        0.32974
         578985.22    4141971.34        0.33125                      579005.22
4141971.34        0.33331
         579025.22    4141971.34        0.33610                      579045.22
4141971.34        0.33977
         579065.22    4141971.34        0.34473                      579085.22
4141971.34        0.35131
         579105.22    4141971.34        0.35964                      579125.22
4141971.34        0.36974
         579145.22    4141971.34        0.38233                      579165.22
4141971.34        0.39668
         579185.22    4141971.34        0.41444                      578790.01
4141986.40        0.29624
         578810.01    4141986.40        0.30099                      578830.01
4141986.40        0.30404
         578850.01    4141986.40        0.30617                      578870.01
4141986.40        0.30755
         578890.01    4141986.40        0.30844                      578910.01
4141986.40        0.30933
         578930.01    4141986.40        0.31035                      578950.01
4141986.40        0.31135
         578970.01    4141986.40        0.31265                      578990.01
4141986.40        0.31493
         579010.01    4141986.40        0.31782                      579030.01
4141986.40        0.32135
         579050.01    4141986.40        0.32590                      579070.01
4141986.40        0.33145
         579090.01    4141986.40        0.33847                      579110.01
4141986.40        0.34741
         579130.01    4141986.40        0.35834                      579150.01
4141986.40        0.37112
         579170.01    4141986.40        0.38570                      579190.01
4141986.40        0.40437
         578810.54    4142001.46        0.28484                      578830.54
4142001.46        0.28747
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***

INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.28941	578870.54	4142001.46	0.29077
578890.54	4142001.46	0.29187	578910.54	4142001.46	0.29297
578930.54	4142001.46	0.29422	578950.54	4142001.46	0.29570
578970.54	4142001.46	0.29748	578990.54	4142001.46	0.29989
579010.54	4142001.46	0.30310	579030.54	4142001.46	0.30727
579050.54	4142001.46	0.31222	579070.54	4142001.46	0.31829
579090.54	4142001.46	0.32549	579110.54	4142001.46	0.33441
579130.54	4142001.46	0.34541	579150.54	4142001.46	0.35766
579170.54	4142001.46	0.37228	579190.54	4142001.46	0.39022

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***

INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 , HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 , HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 , HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.04865	578405.01	4141176.41	0.05093
578425.01	4141176.41	0.05383	578445.01	4141176.41	0.05756
578465.01	4141176.41	0.06011	578485.01	4141176.41	0.06347
578505.01	4141176.41	0.06809	578525.01	4141176.41	0.07232
578545.01	4141176.41	0.07788	578565.01	4141176.41	0.08259
578585.01	4141176.41	0.08858	578605.01	4141176.41	0.09515
578625.01	4141176.41	0.10173	578645.01	4141176.41	0.10940
578665.01	4141176.41	0.11979	578685.01	4141176.41	0.13221
578705.01	4141176.41	0.14496	578725.01	4141176.41	0.15938
578745.01	4141176.41	0.17644	578765.01	4141176.41	0.19576
578785.01	4141176.41	0.21942	578805.01	4141176.41	0.24841
578825.01	4141176.41	0.28508	578845.01	4141176.41	0.33108
578865.01	4141176.41	0.38474	578885.01	4141176.41	0.44771
578905.01	4141176.41	0.51653	578925.01		

4141176.41 0.58767
578945.01 4141176.41 0.65711 578965.01
4141176.41 0.71904
578985.01 4141176.41 0.77279 579005.01
4141176.41 0.81775
579025.01 4141176.41 0.85915 579045.01
4141176.41 0.89977
579065.01 4141176.41 0.94131 579085.01
4141176.41 0.98391
579105.01 4141176.41 1.03031 579125.01
4141176.41 1.08108
579145.01 4141176.41 1.13575 579165.01
4141176.41 1.19232
579185.01 4141176.41 1.25614 579205.01
4141176.41 1.32103
579225.01 4141176.41 1.38950 578385.01
4141196.41 0.04988
578405.01 4141196.41 0.05215 578425.01
4141196.41 0.05515
578445.01 4141196.41 0.05809 578465.01
4141196.41 0.06144
578485.01 4141196.41 0.06522 578505.01
4141196.41 0.06932
578525.01 4141196.41 0.07424 578545.01
4141196.41 0.07952
578565.01 4141196.41 0.08503 578585.01
4141196.41 0.09094
578605.01 4141196.41 0.09724 578625.01
4141196.41 0.10411
578645.01 4141196.41 0.11387 578665.01
4141196.41 0.12507
578685.01 4141196.41 0.13692 578705.01
4141196.41 0.15037
578725.01 4141196.41 0.16580 578745.01
4141196.41 0.18393
578765.01 4141196.41 0.20572 578785.01
4141196.41 0.23137
578805.01 4141196.41 0.26361 578825.01
4141196.41 0.30390
578845.01 4141196.41 0.35503 578865.01
4141196.41 0.41743
578885.01 4141196.41 0.48787 578905.01
4141196.41 0.56496
578925.01 4141196.41 0.64364 578945.01
4141196.41 0.71798
578965.01 4141196.41 0.78361 578985.01
4141196.41 0.83676
579005.01 4141196.41 0.88310 579025.01
4141196.41 0.92668
579045.01 4141196.41 0.96776 579065.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	1.15975	579145.01	4141196.41	1.22189
579165.01	4141196.41	1.28661	579185.01	4141196.41	1.35377
579205.01	4141196.41	1.42623	579225.01	4141196.41	1.50463
579245.01	4141196.41	1.59017	578385.01	4141216.41	0.05125
578405.01	4141216.41	0.05359	578425.01	4141216.41	0.05628
578445.01	4141216.41	0.05924	578465.01	4141216.41	0.06281
578485.01	4141216.41	0.06662	578505.01	4141216.41	0.07050
578525.01	4141216.41	0.07607	578545.01	4141216.41	0.08155
578565.01	4141216.41	0.08717	578585.01	4141216.41	0.09339

578605.01 4141216.41 0.10000 578625.01
4141216.41 0.10803
578645.01 4141216.41 0.11803 578665.01
4141216.41 0.12902
578685.01 4141216.41 0.14184 578705.01
4141216.41 0.15607
578725.01 4141216.41 0.17256 578745.01
4141216.41 0.19221
578765.01 4141216.41 0.21608 578785.01
4141216.41 0.24495
578805.01 4141216.41 0.28039 578825.01
4141216.41 0.32560
578845.01 4141216.41 0.38305 578925.01
4141216.41 0.70735
578945.01 4141216.41 0.78601 578965.01
4141216.41 0.85598
578985.01 4141216.41 0.91160 579005.01
4141216.41 0.95786
579025.01 4141216.41 0.99905 579045.01
4141216.41 1.04117
579065.01 4141216.41 1.08791 579085.01
4141216.41 1.13609
579105.01 4141216.41 1.18901 579125.01
4141216.41 1.25082
579145.01 4141216.41 1.31849 579165.01
4141216.41 1.38779
579185.01 4141216.41 1.46322 579205.01
4141216.41 1.54723
579225.01 4141216.41 1.64140 579245.01
4141216.41 1.73841
578385.01 4141236.41 0.05185 578405.01
4141236.41 0.05511
578425.01 4141236.41 0.05765 578445.01
4141236.41 0.06067
578465.01 4141236.41 0.06409 578485.01
4141236.41 0.06789
578505.01 4141236.41 0.07319 578525.01
4141236.41 0.07859
578545.01 4141236.41 0.08340 578565.01
4141236.41 0.08920
578585.01 4141236.41 0.09590 578605.01
4141236.41 0.10289
578625.01 4141236.41 0.11113 578645.01
4141236.41 0.12130
578665.01 4141236.41 0.13302 578685.01
4141236.41 0.14673
578705.01 4141236.41 0.16224 578725.01
4141236.41 0.18018
578745.01 4141236.41 0.20117 578765.01
4141236.41 0.22693

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	1.35148	579145.01	4141236.41	1.42308
579165.01	4141236.41	1.50281	579185.01	4141236.41	1.58949
579205.01	4141236.41	1.68652	579225.01	4141236.41	1.79728
579245.01	4141236.41	1.90995	578385.01	4141256.41	0.05282
578405.01	4141256.41	0.05600	578425.01		

578785.01	4141236.41	0.25957	578805.01	4141236.41	0.29935
578825.01	4141236.41	0.35071	578945.01	4141236.41	0.86539
578965.01	4141236.41	0.93481	578985.01	4141236.41	0.99334
579005.01	4141236.41	1.03809	579025.01	4141236.41	1.07902
579045.01	4141236.41	1.12150	579065.01	4141236.41	1.16893
579085.01	4141236.41	1.22500	579105.01	4141236.41	1.28511

4141256.41 0.05936
578445.01 4141256.41 0.06228 578465.01
4141256.41 0.06549
578485.01 4141256.41 0.06949 578505.01
4141256.41 0.07505
578525.01 4141256.41 0.08024 578545.01
4141256.41 0.08520
578565.01 4141256.41 0.09129 578585.01
4141256.41 0.09837
578605.01 4141256.41 0.10610 578625.01
4141256.41 0.11444
578645.01 4141256.41 0.12442 578665.01
4141256.41 0.13698
578685.01 4141256.41 0.15143 578705.01
4141256.41 0.16864
578725.01 4141256.41 0.18814 578745.01
4141256.41 0.21111
578765.01 4141256.41 0.23926 578785.01
4141256.41 0.27496
578805.01 4141256.41 0.32111 578965.01
4141256.41 1.02518
578985.01 4141256.41 1.07997 579005.01
4141256.41 1.12731
579025.01 4141256.41 1.16649 579045.01
4141256.41 1.21096
579065.01 4141256.41 1.26240 579085.01
4141256.41 1.32431
579105.01 4141256.41 1.38863 579125.01
4141256.41 1.46175
579145.01 4141256.41 1.54354 579165.01
4141256.41 1.63536
579185.01 4141256.41 1.73835 579205.01
4141256.41 1.85119
579225.01 4141256.41 1.97636 579245.01
4141256.41 2.11232
579265.01 4141256.41 2.25477 578385.01
4141276.41 0.05624
578405.01 4141276.41 0.05696 578425.01
4141276.41 0.06017
578445.01 4141276.41 0.06415 578465.01
4141276.41 0.06740
578485.01 4141276.41 0.07147 578505.01
4141276.41 0.07608
578525.01 4141276.41 0.08166 578545.01
4141276.41 0.08711
578565.01 4141276.41 0.09325 578585.01
4141276.41 0.10069
578605.01 4141276.41 0.10871 578625.01
4141276.41 0.11804
578645.01 4141276.41 0.12831 578665.01

4141276.41 0.14103
  578685.01 4141276.41 0.15633 578705.01
4141276.41 0.17472
  578725.01 4141276.41 0.19671 578745.01
4141276.41 0.22190
  578765.01 4141276.41 0.25341 578785.01
4141276.41 0.29310
  578985.01 4141276.41 1.17769 579005.01
4141276.41 1.22165
  579025.01 4141276.41 1.26598 579045.01
4141276.41 1.31220
  579065.01 4141276.41 1.37021 579085.01
4141276.41 1.43197
  579105.01 4141276.41 1.50631 579125.01
4141276.41 1.59008
  579145.01 4141276.41 1.68633 579165.01
4141276.41 1.79184
  579185.01 4141276.41 1.90918 579205.01
4141276.41 2.04051
  579225.01 4141276.41 2.18727 579245.01
4141276.41 2.34743

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

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         579265.01    4141276.41        2.52683                    578385.01
4141296.41        0.05517
         578405.01    4141296.41        0.06045                    578425.01
4141296.41        0.06145
         578445.01    4141296.41        0.06495                    578465.01
4141296.41        0.06936
         578485.01    4141296.41        0.07378                    578505.01
4141296.41        0.07822
         578525.01    4141296.41        0.08346                    578545.01
4141296.41        0.08912
         578565.01    4141296.41        0.09550                    578585.01
4141296.41        0.10282
         578605.01    4141296.41        0.11137                    578625.01
4141296.41        0.12129
         578645.01    4141296.41        0.13262                    578665.01
4141296.41        0.14546
         578685.01    4141296.41        0.16155                    578705.01
4141296.41        0.18124
         578725.01    4141296.41        0.20498                    578745.01
4141296.41        0.23372
         579005.01    4141296.41        1.32726                    579025.01
4141296.41        1.37319
         579045.01    4141296.41        1.42504                    579065.01
4141296.41        1.48316
         579085.01    4141296.41        1.55596                    579105.01
4141296.41        1.64370
         579125.01    4141296.41        1.74126                    579145.01
4141296.41        1.84759
         579165.01    4141296.41        1.97340                    579185.01
4141296.41        2.10907
         579205.01    4141296.41        2.26338                    579225.01
4141296.41        2.43808
         579245.01    4141296.41        2.62813                    579265.01
4141296.41        2.85013
         579285.01    4141296.41        3.09021                    578385.01
4141316.41        0.05631
         578405.01    4141316.41        0.05918                    578425.01
4141316.41        0.06491
         578445.01    4141316.41        0.06714                    578465.01
4141316.41        0.07012
         578485.01    4141316.41        0.07492                    578505.01
4141316.41        0.08032
         578525.01    4141316.41        0.08565                    578545.01
4141316.41        0.09139
         578565.01    4141316.41        0.09801                    578585.01
4141316.41        0.10552
         578605.01    4141316.41        0.11444                    578625.01
4141316.41        0.12465
         578645.01    4141316.41        0.13676                    578665.01
4141316.41        0.15061
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         578685.01    4141316.41        0.16728                        578705.01
4141316.41        0.18807
         578725.01    4141316.41        0.21384                        579025.01
4141316.41        1.48999
         579045.01    4141316.41        1.54632                        579065.01
4141316.41        1.61567
         579085.01    4141316.41        1.70249                        579105.01
4141316.41        1.80468
         579125.01    4141316.41        1.91642                        579145.01
4141316.41        2.04059
         579165.01    4141316.41        2.18667                        579185.01
4141316.41        2.35022
         579205.01    4141316.41        2.53172                        579225.01
4141316.41        2.74177
         579245.01    4141316.41        2.98826                        579265.01
4141316.41        3.26843
         579285.01    4141316.41        3.57281                        578385.01
4141336.41        0.05763
         578405.01    4141336.41        0.06034                        578425.01
4141336.41        0.06361
         578445.01    4141336.41        0.06890                        578465.01
4141336.41        0.07388
         578485.01    4141336.41        0.07657                        578505.01
4141336.41        0.08138
         578525.01    4141336.41        0.08744                        578545.01
4141336.41        0.09385
         578565.01    4141336.41        0.10051                        578585.01
4141336.41        0.10830
         578605.01    4141336.41        0.11753                        578625.01
4141336.41        0.12836
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 512
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                  HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                  HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                  HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.14054	578665.01	4141336.41	0.15582
578685.01	4141336.41	0.17336	578705.01	4141336.41	0.19561
579025.01	4141336.41	1.62388	579045.01	4141336.41	1.68762
579065.01	4141336.41	1.77123	579085.01	4141336.41	1.87363
579105.01	4141336.41	1.99136	579125.01	4141336.41	2.12464
579145.01	4141336.41	2.27726	579165.01	4141336.41	2.44654
579185.01	4141336.41	2.64411	579205.01	4141336.41	2.86260
579225.01	4141336.41	3.13903	579245.01	4141336.41	3.44903
579265.01	4141336.41	3.80309	579285.01	4141336.41	4.20552
578385.01	4141356.41	0.05947	578405.01	4141356.41	0.06268
578425.01	4141356.41	0.06638	578445.01	4141356.41	0.06977
578465.01	4141356.41	0.07396	578485.01	4141356.41	0.07984
578505.01	4141356.41	0.08463	578525.01	4141356.41	0.08930
578545.01	4141356.41	0.09592	578565.01	4141356.41	0.10344
578585.01	4141356.41	0.11137	578605.01	4141356.41	0.12099
578625.01	4141356.41	0.13204	578645.01	4141356.41	0.14494
578665.01	4141356.41	0.16074	578685.01	4141356.41	0.17998
579025.01	4141356.41	1.77975	579045.01	4141356.41	1.85436
579065.01	4141356.41	1.95221	579085.01	4141356.41	2.07251
579105.01	4141356.41	2.21235	579125.01	4141356.41	2.37364
579145.01	4141356.41	2.55669	579165.01		

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4141356.41        2.76233
         579185.01    4141356.41        3.00703                        579205.01
4141356.41        3.29529
         579225.01    4141356.41        3.63938                        579245.01
4141356.41        4.04115
         579265.01    4141356.41        4.51419                        579285.01
4141356.41        5.05425
         579305.01    4141356.41        5.69720                        578385.01
4141376.41        0.06121
         578405.01    4141376.41        0.06476                        578425.01
4141376.41        0.06822
         578445.01    4141376.41        0.07212                        578465.01
4141376.41        0.07612
         578485.01    4141376.41        0.08033                        578505.01
4141376.41        0.08593
         578525.01    4141376.41        0.09267                        578545.01
4141376.41        0.09807
         578565.01    4141376.41        0.10602                        578585.01
4141376.41        0.11484
         578605.01    4141376.41        0.12481                        578625.01
4141376.41        0.13629
         578645.01    4141376.41        0.14985                        578665.01
4141376.41        0.16644
         578685.01    4141376.41        0.18687                        579005.01
4141376.41        1.89945
         579025.01    4141376.41        1.95522                        579045.01
4141376.41        2.04268
         579065.01    4141376.41        2.16240                        579085.01
4141376.41        2.30920
         579105.01    4141376.41        2.47548                        579125.01
4141376.41        2.66896
         579145.01    4141376.41        2.89456                        579165.01
4141376.41        3.16027
         579185.01    4141376.41        3.47438                        579205.01
4141376.41        3.84895
         579225.01    4141376.41        4.30262                        579245.01
4141376.41        4.84826
         579265.01    4141376.41        5.48615                        579285.01
4141376.41        6.26858
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 513
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
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, HAUL0050    , HAUL0051    , HAUL0052    ,
                HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579305.01    4141376.41        7.25502                       578385.01
4141396.41        0.06293
         578405.01    4141396.41        0.06607                       578425.01
4141396.41        0.06935
         578445.01    4141396.41        0.07333                       578465.01
4141396.41        0.07810
         578485.01    4141396.41        0.08291                       578505.01
4141396.41        0.08780
         578525.01    4141396.41        0.09469                       578545.01
4141396.41        0.10072
         578565.01    4141396.41        0.10844                       578585.01
4141396.41        0.11756
         578605.01    4141396.41        0.12820                       578625.01
4141396.41        0.14065
         578645.01    4141396.41        0.15524                       578665.01
4141396.41        0.17260
         579005.01    4141396.41        2.09070                       579025.01
4141396.41        2.15672
         579045.01    4141396.41        2.26314                       579065.01
4141396.41        2.40785
         579085.01    4141396.41        2.58661                       579105.01
4141396.41        2.79560
         579125.01    4141396.41        3.04484                       579145.01
4141396.41        3.33419
         579165.01    4141396.41        3.67315                       579185.01
4141396.41        4.08432
         579205.01    4141396.41        4.59405                       579225.01
4141396.41        5.21761
         579245.01    4141396.41        5.98731                       579265.01
4141396.41        6.93558
         579285.01    4141396.41        8.14765                       579305.01
4141396.41        9.77189
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         578385.01    4141416.41        0.06401                    578405.01
4141416.41        0.06722
         578425.01    4141416.41        0.07092                    578445.01
4141416.41        0.07512
         578465.01    4141416.41        0.07972                    578485.01
4141416.41        0.08494
         578505.01    4141416.41        0.09023                    578525.01
4141416.41        0.09650
         578545.01    4141416.41        0.10362                    578565.01
4141416.41        0.11121
         578585.01    4141416.41        0.12059                    578605.01
4141416.41        0.13161
         578625.01    4141416.41        0.14471                    578645.01
4141416.41        0.16017
         578665.01    4141416.41        0.17901                    579025.01
4141416.41        2.39583
         579045.01    4141416.41        2.53115                    579065.01
4141416.41        2.71186
         579085.01    4141416.41        2.94132                    579105.01
4141416.41        3.20899
         579125.01    4141416.41        3.52886                    579145.01
4141416.41        3.90183
         579165.01    4141416.41        4.35220                    579185.01
4141416.41        4.91135
         579205.01    4141416.41        5.61809                    579225.01
4141416.41        6.53538
         579245.01    4141416.41        7.71257                    579265.01
4141416.41        9.25736
         579285.01    4141416.41       11.28530                    579305.01
4141416.41       14.39858
         578385.01    4141436.41        0.06512                    578405.01
4141436.41        0.06858
         578425.01    4141436.41        0.07246                    578445.01
4141436.41        0.07702
         578465.01    4141436.41        0.08185                    578485.01
4141436.41        0.08718
         578505.01    4141436.41        0.09256                    578525.01
4141436.41        0.09935
         578545.01    4141436.41        0.10649                    578565.01
4141436.41        0.11450
         578585.01    4141436.41        0.12442                    578605.01
4141436.41        0.13579
         578625.01    4141436.41        0.14935                    578645.01
4141436.41        0.16566
         579025.01    4141436.41        2.68547                    579045.01
4141436.41        2.86751
         579065.01    4141436.41        3.10469                    579085.01
4141436.41        3.40085
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	3.74756	579125.01	4141436.41	4.16518
579145.01	4141436.41	4.66955	579165.01	4141436.41	5.29158
579185.01	4141436.41	6.09429	579205.01	4141436.41	7.16173
579225.01	4141436.41	8.61636	579245.01	4141436.41	10.63290
579265.01	4141436.41	13.40722	579285.01	4141436.41	12.61008
579305.01	4141436.41	7.62974	579325.01	4141436.41	9.65799
578385.01	4141456.41	0.06643	578405.01	4141456.41	0.06995
578425.01	4141456.41	0.07390	578445.01	4141456.41	0.07850
578465.01	4141456.41	0.08351	578485.01	4141456.41	0.08923
578505.01	4141456.41	0.09479	578525.01	4141456.41	0.10236
578545.01	4141456.41	0.10939	578565.01	4141456.41	0.11841
578585.01	4141456.41	0.12893	578605.01		

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4141456.41        0.14071
         578625.01    4141456.41        0.15479                    578645.01
4141456.41        0.17199
         579045.01    4141456.41        3.29484                    579065.01
4141456.41        3.61567
         579085.01    4141456.41        3.99746                    579105.01
4141456.41        4.46077
         579125.01    4141456.41        5.03266                    579145.01
4141456.41        5.74966
         579165.01    4141456.41        6.66702                    579185.01
4141456.41        7.92052
         579205.01    4141456.41        9.68868                    579225.01
4141456.41       12.31824
         579245.01    4141456.41       10.75559                    579265.01
4141456.41       13.77615
         578385.01    4141476.41        0.06755                    578405.01
4141476.41        0.07128
         578425.01    4141476.41        0.07539                    578445.01
4141476.41        0.07982
         578465.01    4141476.41        0.08504                    578485.01
4141476.41        0.09114
         578505.01    4141476.41        0.09729                    578525.01
4141476.41        0.10533
         578545.01    4141476.41        0.11238                    578565.01
4141476.41        0.12182
         578585.01    4141476.41        0.13278                    578605.01
4141476.41        0.14559
         578625.01    4141476.41        0.16067                    578645.01
4141476.41        0.17912
         579065.01    4141476.41        4.28136                    579085.01
4141476.41        4.81493
         579105.01    4141476.41        5.45973                    579125.01
4141476.41        6.27321
         579145.01    4141476.41        7.35460                    579165.01
4141476.41        8.85916
         579185.01    4141476.41       10.98698                    579205.01
4141476.41       14.29695
         579225.01    4141476.41       11.55431                    578385.01
4141496.41        0.06851
         578405.01    4141496.41        0.07243                    578425.01
4141496.41        0.07664
         578445.01    4141496.41        0.08128                    578465.01
4141496.41        0.08662
         578485.01    4141496.41        0.09288                    578505.01
4141496.41        0.09934
         578525.01    4141496.41        0.10784                    578545.01
4141496.41        0.11543
         578565.01    4141496.41        0.12505                    578585.01
4141496.41        0.13651
         578605.01    4141496.41        0.14994                    578625.01
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4141496.41 0.16592
 578645.01 4141496.41 0.18614 579085.01
4141496.41 5.98221
 579105.01 4141496.41 6.95886 579125.01
4141496.41 8.21821
 579145.01 4141496.41 9.99332 579165.01
4141496.41 12.71865

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	14.28498	579205.01	4141496.41	9.86567
578385.01	4141516.41	0.06896	578405.01	4141516.41	0.07321
578425.01	4141516.41	0.07774	578445.01	4141516.41	0.08253
578465.01	4141516.41	0.08802	578485.01	4141516.41	0.09435
578505.01	4141516.41	0.10114	578525.01	4141516.41	0.11012
578545.01	4141516.41	0.11802	578565.01	4141516.41	0.12844
578585.01	4141516.41	0.14034	578605.01	4141516.41	0.15442

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         578625.01    4141516.41        0.17155                    578645.01
4141516.41        0.19306
         579085.01    4141516.41        7.76296                    579105.01
4141516.41        9.38554
         579125.01    4141516.41       11.60753                    579145.01
4141516.41       14.96244
         579165.01    4141516.41        7.89679                    578385.01
4141536.41        0.06957
         578405.01    4141536.41        0.07367                    578425.01
4141536.41        0.07837
         578445.01    4141536.41        0.08359                    578465.01
4141536.41        0.08922
         578485.01    4141536.41        0.09565                    578505.01
4141536.41        0.10266
         578525.01    4141536.41        0.11226                    578545.01
4141536.41        0.12017
         578565.01    4141536.41        0.13130                    578585.01
4141536.41        0.14399
         578605.01    4141536.41        0.15877                    578625.01
4141536.41        0.17702
         578645.01    4141536.41        0.19930                    578665.01
4141536.41        0.22737
         579105.01    4141536.41       13.81543                    579125.01
4141536.41       13.24115
         579185.01    4141536.41        5.62366                    578385.01
4141556.41        0.07018
         578405.01    4141556.41        0.07430                    578425.01
4141556.41        0.07890
         578445.01    4141556.41        0.08417                    578465.01
4141556.41        0.09011
         578485.01    4141556.41        0.09663                    578505.01
4141556.41        0.10392
         578525.01    4141556.41        0.11334                    578545.01
4141556.41        0.12185
         578565.01    4141556.41        0.13328                    578585.01
4141556.41        0.14654
         578605.01    4141556.41        0.16250                    578625.01
4141556.41        0.18155
         578645.01    4141556.41        0.20495                    578665.01
4141556.41        0.23416
         578685.01    4141556.41        0.27217                    579165.01
4141556.41        5.10230
         579185.01    4141556.41        5.80522                    579205.01
4141556.41        5.30450
         578385.01    4141576.41        0.07082                    578405.01
4141576.41        0.07493
         578425.01    4141576.41        0.07958                    578445.01
4141576.41        0.08484
         578465.01    4141576.41        0.09061                    578485.01
4141576.41        0.09723
```

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	2.57867	579265.01	4141576.41	2.42598
578385.01	4141596.41	0.07136	578405.01	4141596.41	0.07565
578425.01	4141596.41	0.08026	578445.01		

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4141596.41        0.08556
         578465.01    4141596.41        0.09142                    578485.01
4141596.41        0.09809
         578505.01    4141596.41        0.10605                    578525.01
4141596.41        0.11541
         578545.01    4141596.41        0.12513                    578565.01
4141596.41        0.13721
         578585.01    4141596.41        0.15116                    578605.01
4141596.41        0.16772
         578625.01    4141596.41        0.18807                    578645.01
4141596.41        0.21358
         578665.01    4141596.41        0.24667                    578685.01
4141596.41        0.28968
         578705.01    4141596.41        0.34623                    578725.01
4141596.41        0.43108
         578745.01    4141596.41        0.56645                    579105.01
4141596.41        6.92331
         579145.01    4141596.41        4.82814                    579165.01
4141596.41        3.74133
         579185.01    4141596.41        3.04867                    579205.01
4141596.41        2.59285
         579225.01    4141596.41        2.29449                    579245.01
4141596.41        2.11967
         579265.01    4141596.41        2.07216                    579285.01
4141596.41        2.08627
         579305.01    4141596.41        2.30863                    579325.01
4141596.41        2.73928
         579345.01    4141596.41        3.66182                    578385.01
4141616.41        0.07171
         578405.01    4141616.41        0.07613                    578425.01
4141616.41        0.08098
         578445.01    4141616.41        0.08630                    578465.01
4141616.41        0.09227
         578485.01    4141616.41        0.09903                    578505.01
4141616.41        0.10697
         578525.01    4141616.41        0.11677                    578545.01
4141616.41        0.12634
         578565.01    4141616.41        0.13880                    578585.01
4141616.41        0.15311
         578605.01    4141616.41        0.17031                    578625.01
4141616.41        0.19140
         578645.01    4141616.41        0.21723                    578665.01
4141616.41        0.25120
         578685.01    4141616.41        0.29731                    578705.01
4141616.41        0.36129
         578725.01    4141616.41        0.45255                    578745.01
4141616.41        0.59493
         579065.01    4141616.41        5.08058                    579085.01
4141616.41        5.63907
         579105.01    4141616.41        5.28389                    579125.01
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4141616.41        4.03141
         579165.01    4141616.41        2.68402                        579185.01
4141616.41        2.31741
         579205.01    4141616.41        2.05974                        579225.01
4141616.41        1.88903
         579245.01    4141616.41        1.80331                        579265.01
4141616.41        1.80251
         579285.01    4141616.41        1.84139                        579305.01
4141616.41        2.04839
         579325.01    4141616.41        2.43909                        579345.01
4141616.41        3.22103
         578385.01    4141636.41        0.07208                        578405.01
4141636.41        0.07651
         578425.01    4141636.41        0.08140                        578445.01
4141636.41        0.08690
         578465.01    4141636.41        0.09304                        578485.01
4141636.41        0.09983
         578505.01    4141636.41        0.10777                        578525.01
4141636.41        0.11710
         578545.01    4141636.41        0.12740                        578565.01
4141636.41        0.13988
         578585.01    4141636.41        0.15502                        578605.01
4141636.41        0.17288
         578625.01    4141636.41        0.19445                        578645.01
4141636.41        0.22197
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 517
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22  ***
                                   INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                  HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                  HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                  HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	0.25754	578685.01	4141636.41	0.30687
578705.01	4141636.41	0.37611	578725.01	4141636.41	0.47200
579045.01	4141636.41	6.24471	579065.01	4141636.41	5.83041
579085.01	4141636.41	4.32813	579105.01	4141636.41	3.41609
579125.01	4141636.41	2.79989	579165.01	4141636.41	2.07927
579185.01	4141636.41	1.84506	579205.01	4141636.41	1.69304
579225.01	4141636.41	1.60051	579245.01	4141636.41	1.57028
579265.01	4141636.41	1.59113	579285.01	4141636.41	1.67205
579305.01	4141636.41	1.86422	579325.01	4141636.41	2.19596
579345.01	4141636.41	2.79268	578385.01	4141656.41	0.07247
578405.01	4141656.41	0.07692	578425.01	4141656.41	0.08173
578445.01	4141656.41	0.08722	578465.01	4141656.41	0.09364
578485.01	4141656.41	0.10059	578505.01	4141656.41	0.10902
578525.01	4141656.41	0.11794	578545.01	4141656.41	0.12853
578565.01	4141656.41	0.14124	578585.01	4141656.41	0.15649
578605.01	4141656.41	0.17509	578625.01	4141656.41	0.19868
578645.01	4141656.41	0.22771	578665.01	4141656.41	0.26563
578685.01	4141656.41	0.31939	578705.01	4141656.41	0.38858
578725.01	4141656.41	0.48647	579005.01	4141656.41	4.55459
579025.01	4141656.41	6.45920	579045.01	4141656.41	4.65664
579065.01	4141656.41	3.60888	579085.01	4141656.41	2.92744
579105.01	4141656.41	2.45592	579125.01	4141656.41	2.11668
579145.01	4141656.41	1.86124	579185.01	4141656.41	1.52924

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         579205.01    4141656.41        1.44135                        579225.01
4141656.41        1.39671
         579245.01    4141656.41        1.40193                        579265.01
4141656.41        1.42833
         579285.01    4141656.41        1.52554                        579305.01
4141656.41        1.71342
         579325.01    4141656.41        1.99161                        579345.01
4141656.41        2.47484
         578385.01    4141676.41        0.07281                        578405.01
4141676.41        0.07717
         578425.01    4141676.41        0.08199                        578445.01
4141676.41        0.08756
         578465.01    4141676.41        0.09409                        578485.01
4141676.41        0.10118
         578505.01    4141676.41        0.10983                        578525.01
4141676.41        0.11906
         578545.01    4141676.41        0.13001                        578565.01
4141676.41        0.14306
         578585.01    4141676.41        0.15888                        578605.01
4141676.41        0.17811
         578625.01    4141676.41        0.20260                        578645.01
4141676.41        0.23443
         578665.01    4141676.41        0.27565                        578685.01
4141676.41        0.32800
         578705.01    4141676.41        0.39844                        578985.01
4141676.41        5.34688
         579005.01    4141676.41        4.99922                        579025.01
4141676.41        3.79470
         579045.01    4141676.41        3.04273                        579065.01
4141676.41        2.52114
         579085.01    4141676.41        2.15492                        579105.01
4141676.41        1.87629
         579125.01    4141676.41        1.66230                        579145.01
4141676.41        1.50340
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22  ***
                                   INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                  HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                  HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
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HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073
, HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	1.39325	579185.01	4141676.41	1.31137
579205.01	4141676.41	1.25909	579225.01	4141676.41	1.24162
579245.01	4141676.41	1.26606	579265.01	4141676.41	1.32375
579285.01	4141676.41	1.41410	579305.01	4141676.41	1.56149
579325.01	4141676.41	1.83433	579345.01	4141676.41	2.29303
578385.01	4141696.41	0.07298	578405.01	4141696.41	0.07734
578425.01	4141696.41	0.08241	578445.01	4141696.41	0.08828
578465.01	4141696.41	0.09466	578485.01	4141696.41	0.10178
578505.01	4141696.41	0.11055	578525.01	4141696.41	0.12047
578565.01	4141696.41	0.14541	578585.01	4141696.41	0.16196
578605.01	4141696.41	0.18231	578625.01	4141696.41	0.20759
578645.01	4141696.41	0.24091	578665.01	4141696.41	0.28278
578685.01	4141696.41	0.33546	578945.01	4141696.41	4.25097
578965.01	4141696.41	5.03040	578985.01	4141696.41	3.85506
579005.01	4141696.41	3.08862	579025.01	4141696.41	2.55537
579045.01	4141696.41	2.17102	579065.01	4141696.41	1.88731
579085.01	4141696.41	1.66742	579105.01	4141696.41	1.49617
579125.01	4141696.41	1.35760	579145.01	4141696.41	1.25783
579165.01	4141696.41	1.18741	579185.01		

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4141696.41        1.14308
         579205.01    4141696.41        1.11804                        579225.01
4141696.41        1.11990
         579245.01    4141696.41        1.14388                        579265.01
4141696.41        1.21384
         579285.01    4141696.41        1.31631                        579305.01
4141696.41        1.45048
         579325.01    4141696.41        1.70341                        579345.01
4141696.41        2.10235
         578385.01    4141716.41        0.07318                        578405.01
4141716.41        0.07773
         578425.01    4141716.41        0.08300                        578445.01
4141716.41        0.08888
         578465.01    4141716.41        0.09521                        578485.01
4141716.41        0.10255
         578505.01    4141716.41        0.11172                        578525.01
4141716.41        0.12244
         578605.01    4141716.41        0.18674                        578625.01
4141716.41        0.21356
         578645.01    4141716.41        0.24744                        578665.01
4141716.41        0.28847
         578685.01    4141716.41        0.34088                        578905.01
4141716.41        3.18918
         578925.01    4141716.41        3.56149                        578945.01
4141716.41        3.36012
         578965.01    4141716.41        2.89866                        578985.01
4141716.41        2.47235
         579005.01    4141716.41        2.12549                        579025.01
4141716.41        1.85732
         579045.01    4141716.41        1.64333                        579065.01
4141716.41        1.47038
         579085.01    4141716.41        1.33514                        579105.01
4141716.41        1.23249
         579125.01    4141716.41        1.14355                        579145.01
4141716.41        1.07611
         579165.01    4141716.41        1.03599                        579185.01
4141716.41        1.01226
         579205.01    4141716.41        1.00524                        579225.01
4141716.41        1.01863
         579245.01    4141716.41        1.04149                        579265.01
4141716.41        1.11185
         579285.01    4141716.41        1.21157                        579305.01
4141716.41        1.34041
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                  PAGE 519
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***

INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 , HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 , HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 , HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	1.55928	579345.01	4141716.41	1.90659
578385.01	4141736.41	0.07345	578405.01	4141736.41	0.07828
578425.01	4141736.41	0.08362	578445.01	4141736.41	0.08938
578465.01	4141736.41	0.09590	578485.01	4141736.41	0.10364
578505.01	4141736.41	0.11430	578625.01	4141736.41	0.21920
578645.01	4141736.41	0.25195	578665.01	4141736.41	0.29258
578865.01	4141736.41	1.64880	578885.01	4141736.41	1.96746
578905.01	4141736.41	2.20209	578925.01	4141736.41	2.24698
578945.01	4141736.41	2.13659	578965.01	4141736.41	1.94865
578985.01	4141736.41	1.75634	579005.01	4141736.41	1.57863
579025.01	4141736.41	1.42471	579045.01	4141736.41	1.29466
579065.01	4141736.41	1.18962	579085.01	4141736.41	1.10518
579105.01	4141736.41	1.03870	579125.01	4141736.41	0.98282
579145.01	4141736.41	0.94130	579165.01	4141736.41	0.91747

579185.01 4141736.41 0.90886 579205.01
4141736.41 0.91320
579225.01 4141736.41 0.93353 579245.01
4141736.41 0.97104
579265.01 4141736.41 1.02852 579285.01
4141736.41 1.12262
579305.01 4141736.41 1.26697 579325.01
4141736.41 1.46643
579345.01 4141736.41 1.78514 578385.01
4141756.41 0.07409
578405.01 4141756.41 0.07895 578425.01
4141756.41 0.08431
578445.01 4141756.41 0.09034 578465.01
4141756.41 0.09717
578485.01 4141756.41 0.10606 578845.01
4141756.41 1.19636
578865.01 4141756.41 1.37982 578885.01
4141756.41 1.53095
578905.01 4141756.41 1.60526 578925.01
4141756.41 1.59444
578945.01 4141756.41 1.52926 578965.01
4141756.41 1.43915
578985.01 4141756.41 1.33440 579005.01
4141756.41 1.23246
579025.01 4141756.41 1.14054 579045.01
4141756.41 1.06157
579065.01 4141756.41 0.99432 579085.01
4141756.41 0.93888
579105.01 4141756.41 0.89446 579125.01
4141756.41 0.85893
579145.01 4141756.41 0.83498 579165.01
4141756.41 0.82336
579185.01 4141756.41 0.82521 579205.01
4141756.41 0.83695
579225.01 4141756.41 0.86348 579245.01
4141756.41 0.90783
579265.01 4141756.41 0.96978 579285.01
4141756.41 1.05207
579305.01 4141756.41 1.17584 579325.01
4141756.41 1.37523
579345.01 4141756.41 1.65248 578385.01
4141776.41 0.07470
578405.01 4141776.41 0.07975 578425.01
4141776.41 0.08507
578445.01 4141776.41 0.09126 578465.01
4141776.41 0.09873
578485.01 4141776.41 0.10801 578825.01
4141776.41 0.91439
578845.01 4141776.41 1.04020 578865.01
4141776.41 1.15237

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22 ***
                                   INCLUDING SOURCE(S):   HAUL0048   , HAUL0049
, HAUL0050   , HAUL0051   , HAUL0052   ,
                   HAUL0053   , HAUL0054   , HAUL0055   , HAUL0056   , HAUL0057
, HAUL0058   , HAUL0059   , HAUL0060   ,
                   HAUL0061   , HAUL0062   , HAUL0063   , HAUL0064   , HAUL0065
, HAUL0066   , HAUL0067   , HAUL0068   ,
                   HAUL0069   , HAUL0070   , HAUL0071   , HAUL0072   , HAUL0073
, HAUL0074   , HAUL0075   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         578925.01   4141776.41   1.21840   578945.01
4141776.41   1.17823
         578965.01   4141776.41   1.12055   578985.01
4141776.41   1.06186
         579005.01   4141776.41   1.00264   579025.01
4141776.41   0.94597
         579045.01   4141776.41   0.89392   579065.01
4141776.41   0.85059
         579085.01   4141776.41   0.81325   579105.01
4141776.41   0.78431
         579125.01   4141776.41   0.76250   579145.01
4141776.41   0.75004
         579165.01   4141776.41   0.74740   579185.01
4141776.41   0.75604
         579205.01   4141776.41   0.77293   579225.01
4141776.41   0.80297
         579245.01   4141776.41   0.84947   579265.01
4141776.41   0.91054
         579285.01   4141776.41   0.99523   579305.01

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4141776.41        1.09644
         579325.01    4141776.41        1.28700                    579345.01
4141776.41        1.53611
         578405.01    4141796.41        0.08053                    578425.01
4141796.41        0.08614
         578445.01    4141796.41        0.09267                    578465.01
4141796.41        0.10127
         578805.01    4141796.41        0.73373                    578825.01
4141796.41        0.81792
         578845.01    4141796.41        0.89436                    578865.01
4141796.41        0.96198
         578885.01    4141796.41        0.98943                    578905.01
4141796.41        0.98948
         578925.01    4141796.41        0.97597                    578945.01
4141796.41        0.94745
         578965.01    4141796.41        0.91377                    578985.01
4141796.41        0.87751
         579005.01    4141796.41        0.83967                    579025.01
4141796.41        0.80387
         579045.01    4141796.41        0.76959                    579065.01
4141796.41        0.74000
         579085.01    4141796.41        0.71594                    579105.01
4141796.41        0.69823
         579125.01    4141796.41        0.68607                    579145.01
4141796.41        0.68157
         579165.01    4141796.41        0.68538                    579185.01
4141796.41        0.69806
         579205.01    4141796.41        0.71797                    579225.01
4141796.41        0.75018
         579245.01    4141796.41        0.79079                    579265.01
4141796.41        0.85841
         579285.01    4141796.41        0.92740                    579305.01
4141796.41        1.03108
         579325.01    4141796.41        1.18132                    579345.01
4141796.41        1.39445
         578445.01    4141816.41        0.09487                    578585.01
4141816.41        0.18412
         578605.01    4141816.41        0.20704                    578665.01
4141816.41        0.29977
         578685.01    4141816.41        0.33989                    578785.01
4141816.41        0.60739
         578805.01    4141816.41        0.66982                    578825.01
4141816.41        0.72773
         578845.01    4141816.41        0.77505                    578865.01
4141816.41        0.81027
         578885.01    4141816.41        0.82423                    578905.01
4141816.41        0.81858
         578925.01    4141816.41        0.80805                    578945.01
4141816.41        0.78957
         578965.01    4141816.41        0.76788                    578985.01
```

4141816.41 0.74319
  579005.01 4141816.41 0.71883 579025.01
4141816.41 0.69508
  579045.01 4141816.41 0.67326 579065.01
4141816.41 0.65439
  579085.01 4141816.41 0.63962 579105.01
4141816.41 0.62935
  579125.01 4141816.41 0.62418 579145.01
4141816.41 0.62533
  579165.01 4141816.41 0.63334 579185.01
4141816.41 0.64911

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.67123	579225.01	4141816.41	0.70405
579245.01	4141816.41	0.74217	579265.01	4141816.41	0.79314
579285.01	4141816.41	0.87149	579305.01	4141816.41	0.98250
579325.01	4141816.41	1.11417	579345.01	4141816.41	1.30817
578565.01	4141836.41	0.16817	578585.01	4141836.41	0.18735

578605.01 4141836.41 0.21061 578625.01
4141836.41 0.23656
578645.01 4141836.41 0.26577 578665.01
4141836.41 0.29938
578685.01 4141836.41 0.33634 578705.01
4141836.41 0.37671
578725.01 4141836.41 0.42083 578765.01
4141836.41 0.51449
578785.01 4141836.41 0.56203 578805.01
4141836.41 0.60755
578825.01 4141836.41 0.64677 578845.01
4141836.41 0.67642
578865.01 4141836.41 0.69677 578885.01
4141836.41 0.69906
578905.01 4141836.41 0.69469 578925.01
4141836.41 0.68630
578945.01 4141836.41 0.67387 578965.01
4141836.41 0.65912
578985.01 4141836.41 0.64306 579005.01
4141836.41 0.62651
579025.01 4141836.41 0.61097 579045.01
4141836.41 0.59702
579065.01 4141836.41 0.58566 579085.01
4141836.41 0.57772
579105.01 4141836.41 0.57314 579125.01
4141836.41 0.57280
579145.01 4141836.41 0.57820 579165.01
4141836.41 0.58937
579185.01 4141836.41 0.60664 579205.01
4141836.41 0.63025
579225.01 4141836.41 0.66293 579245.01
4141836.41 0.70376
579265.01 4141836.41 0.75154 579285.01
4141836.41 0.82360
579305.01 4141836.41 0.92237 579325.01
4141836.41 1.04657
579345.01 4141836.41 1.25568 578565.01
4141856.41 0.17166
578585.01 4141856.41 0.19100 578605.01
4141856.41 0.21324
578625.01 4141856.41 0.23829 578645.01
4141856.41 0.26620
578665.01 4141856.41 0.29714 578685.01
4141856.41 0.33062
578705.01 4141856.41 0.36652 578725.01
4141856.41 0.40430
578745.01 4141856.41 0.44264 578765.01
4141856.41 0.48104
578785.01 4141856.41 0.51792 578805.01
4141856.41 0.55053

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         578825.01    4141856.41        0.57582                       578845.01
4141856.41        0.59551
         578865.01    4141856.41        0.60502                       578885.01
4141856.41        0.60415
         578905.01    4141856.41        0.60118                       578925.01
4141856.41        0.59426
         578945.01    4141856.41        0.58575                       578965.01
4141856.41        0.57589
         578985.01    4141856.41        0.56516                       579005.01
4141856.41        0.55448
         579025.01    4141856.41        0.54474                       579045.01
4141856.41        0.53630
         579065.01    4141856.41        0.53020                       579085.01
4141856.41        0.52702
         579105.01    4141856.41        0.52658                       579125.01
4141856.41        0.52988
         579145.01    4141856.41        0.53820                       579165.01
4141856.41        0.55148
         579185.01    4141856.41        0.56924                       579205.01
4141856.41        0.59339
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 522
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                   HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                   HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                   HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         579225.01    4141856.41        0.62668                       579245.01
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4141856.41 0.66584
579265.01 4141856.41 0.71455 579285.01
4141856.41 0.79236
579305.01 4141856.41 0.88520 579325.01
4141856.41 0.98657
579345.01 4141856.41 1.16880 578545.01
4141876.41 0.15761
578565.01 4141876.41 0.17465 578585.01
4141876.41 0.19366
578605.01 4141876.41 0.21508 578625.01
4141876.41 0.23886
578645.01 4141876.41 0.26498 578665.01
4141876.41 0.29321
578685.01 4141876.41 0.32313 578705.01
4141876.41 0.35441
578725.01 4141876.41 0.38601 578745.01
4141876.41 0.41738
578765.01 4141876.41 0.44759 578785.01
4141876.41 0.47525
578805.01 4141876.41 0.49852 578825.01
4141876.41 0.51583
578845.01 4141876.41 0.52655 578865.01
4141876.41 0.53041
578885.01 4141876.41 0.53021 578905.01
4141876.41 0.52779
578925.01 4141876.41 0.52233 578945.01
4141876.41 0.51668
578965.01 4141876.41 0.51019 578985.01
4141876.41 0.50360
579005.01 4141876.41 0.49713 579025.01
4141876.41 0.49128
579045.01 4141876.41 0.48684 579065.01
4141876.41 0.48446
579085.01 4141876.41 0.48468 579105.01
4141876.41 0.48698
579125.01 4141876.41 0.49287 579145.01
4141876.41 0.50311
579165.01 4141876.41 0.51802 579185.01
4141876.41 0.53629
579205.01 4141876.41 0.56084 579225.01
4141876.41 0.59298
579245.01 4141876.41 0.63145 579265.01
4141876.41 0.67871
579285.01 4141876.41 0.75113 579305.01
4141876.41 0.83718
579325.01 4141876.41 0.93521 579345.01
4141876.41 1.10615
578545.01 4141896.41 0.16036 578565.01
4141896.41 0.17700
578585.01 4141896.41 0.19553 578605.01

4141896.41   0.21609
         578625.01   4141896.41   0.23828   578645.01
4141896.41   0.26213
         578665.01   4141896.41   0.28755   578685.01
4141896.41   0.31385
         578705.01   4141896.41   0.34023   578725.01
4141896.41   0.36666
         578745.01   4141896.41   0.39218   578765.01
4141896.41   0.41562
         578785.01   4141896.41   0.43620   578805.01
4141896.41   0.45248
         578825.01   4141896.41   0.46396   578845.01
4141896.41   0.46977
         578865.01   4141896.41   0.47179   578885.01
4141896.41   0.47137
         578905.01   4141896.41   0.46871   578925.01
4141896.41   0.46490
         578945.01   4141896.41   0.46124   578965.01
4141896.41   0.45756
         578985.01   4141896.41   0.45349   579005.01
4141896.41   0.44994
         579025.01   4141896.41   0.44746   579045.01
4141896.41   0.44603
         579065.01   4141896.41   0.44616   579085.01
4141896.41   0.44872
         579105.01   4141896.41   0.45304   579125.01
4141896.41   0.46104
         579145.01   4141896.41   0.47254   579165.01
4141896.41   0.48812

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22 ***
                                    INCLUDING SOURCE(S):   HAUL0048   , HAUL0049
, HAUL0050   , HAUL0051   , HAUL0052   ,
                  HAUL0053   , HAUL0054   , HAUL0055   , HAUL0056   , HAUL0057
, HAUL0058   , HAUL0059   , HAUL0060   ,
                  HAUL0061   , HAUL0062   , HAUL0063   , HAUL0064   , HAUL0065
, HAUL0066   , HAUL0067   , HAUL0068   ,
                  HAUL0069   , HAUL0070   , HAUL0071   , HAUL0072   , HAUL0073
, HAUL0074   , HAUL0075   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.50686	579205.01	4141896.41	0.53081
579225.01	4141896.41	0.56180	579245.01	4141896.41	0.60159
579265.01	4141896.41	0.64805	579285.01	4141896.41	0.71410
579305.01	4141896.41	0.79184	579325.01	4141896.41	0.89944
579345.01	4141896.41	1.05398	578565.01	4141916.41	0.17905
578585.01	4141916.41	0.19634	578605.01	4141916.41	0.21567
578625.01	4141916.41	0.23607	578645.01	4141916.41	0.25768
578665.01	4141916.41	0.28015	578685.01	4141916.41	0.30272
578705.01	4141916.41	0.32516	578725.01	4141916.41	0.34706
578745.01	4141916.41	0.36700	578765.01	4141916.41	0.38523
578785.01	4141916.41	0.40046	578805.01	4141916.41	0.41237
578825.01	4141916.41	0.41940	578845.01	4141916.41	0.42283
578865.01	4141916.41	0.42380	578885.01	4141916.41	0.42317
578905.01	4141916.41	0.42160	578925.01	4141916.41	0.41937
578945.01	4141916.41	0.41651	578965.01	4141916.41	0.41445
578985.01	4141916.41	0.41242	579005.01	4141916.41	0.41111
579025.01	4141916.41	0.41048	579045.01	4141916.41	0.41126
579065.01	4141916.41	0.41374	579085.01	4141916.41	0.41797
579105.01	4141916.41	0.42388	579125.01	4141916.41	0.43293
579145.01	4141916.41	0.44526	579165.01	4141916.41	0.46127
579185.01	4141916.41	0.47997	578386.27	4141125.26	0.04617

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         578406.27    4141125.26        0.04888                       578426.27
4141125.26        0.05091
         578446.27    4141125.26        0.05334                       578466.27
4141125.26        0.05735
         578486.27    4141125.26        0.06108                       578506.27
4141125.26        0.06541
         578526.27    4141125.26        0.06872                       578546.27
4141125.26        0.07260
         578566.27    4141125.26        0.07691                       578586.27
4141125.26        0.08247
         578606.27    4141125.26        0.08966                       578626.27
4141125.26        0.09555
         578646.27    4141125.26        0.10318                       578666.27
4141125.26        0.11250
         578686.27    4141125.26        0.12126                       578706.27
4141125.26        0.13105
         578726.27    4141125.26        0.14300                       578746.27
4141125.26        0.15829
         578766.27    4141125.26        0.17519                       578786.27
4141125.26        0.19482
         578806.27    4141125.26        0.21907                       578826.27
4141125.26        0.24714
         578846.27    4141125.26        0.28098                       578866.27
4141125.26        0.32192
         578886.27    4141125.26        0.37030                       578906.27
4141125.26        0.42399
         578926.27    4141125.26        0.47881                       578946.27
4141125.26        0.53397
         578966.27    4141125.26        0.58687                       578986.27
4141125.26        0.63609
         579006.27    4141125.26        0.68108                       579026.27
4141125.26        0.72279
         579046.27    4141125.26        0.76047                       579066.27
4141125.26        0.79468
         579086.27    4141125.26        0.83033                       579106.27
4141125.26        0.86929
         579126.27    4141125.26        0.91152                       579146.27
4141125.26        0.95510
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 524
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
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                  HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                  HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                  HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579166.27    4141125.26        0.99863                       579186.27
4141125.26        1.04655
         579206.27    4141125.26        1.09933                       578386.27
4141145.26        0.04699
         578406.27    4141145.26        0.04960                       578426.27
4141145.26        0.05273
         578446.27    4141145.26        0.05479                       578466.27
4141145.26        0.05771
         578486.27    4141145.26        0.06230                       578506.27
4141145.26        0.06629
         578526.27    4141145.26        0.07087                       578546.27
4141145.26        0.07461
         578566.27    4141145.26        0.07945                       578586.27
4141145.26        0.08427
         578606.27    4141145.26        0.09103                       578626.27
4141145.26        0.09903
         578646.27    4141145.26        0.10700                       578666.27
4141145.26        0.11480
         578686.27    4141145.26        0.12461                       578706.27
4141145.26        0.13595
         578726.27    4141145.26        0.15028                       578746.27
4141145.26        0.16555
         578766.27    4141145.26        0.18321                       578786.27
4141145.26        0.20446
         578806.27    4141145.26        0.23059                       578826.27
4141145.26        0.26222
         578846.27    4141145.26        0.29937                       578866.27
4141145.26        0.34544
         578886.27    4141145.26        0.39885                       578906.27
4141145.26        0.45788
         578926.27    4141145.26        0.51948                       578946.27
4141145.26        0.57917
         578966.27    4141145.26        0.63526                       578986.27
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4141145.26        0.68698
         579006.27    4141145.26        0.73323                    579026.27
4141145.26        0.77382
         579046.27    4141145.26        0.81040                    579066.27
4141145.26        0.84753
         579086.27    4141145.26        0.88834                    579106.27
4141145.26        0.92881
         579126.27    4141145.26        0.97468                    579146.27
4141145.26        1.02103
         579166.27    4141145.26        1.07008                    579186.27
4141145.26        1.12156
         579206.27    4141145.26        1.17905                    578723.62
4141929.59        0.33278
         578743.62    4141929.59        0.35019                    578763.62
4141929.59        0.36549
         578783.62    4141929.59        0.37815                    578803.62
4141929.59        0.38766
         578823.62    4141929.59        0.39327                    578843.62
4141929.59        0.39624
         578863.62    4141929.59        0.39699                    578883.62
4141929.59        0.39673
         578903.62    4141929.59        0.39538                    578923.62
4141929.59        0.39381
         578943.62    4141929.59        0.39213                    578963.62
4141929.59        0.39054
         578983.62    4141929.59        0.38932                    579003.62
4141929.59        0.38897
         579023.62    4141929.59        0.38945                    579043.62
4141929.59        0.39107
         579063.62    4141929.59        0.39433                    579083.62
4141929.59        0.39949
         579103.62    4141929.59        0.40654                    579123.62
4141929.59        0.41574
         579143.62    4141929.59        0.42800                    579163.62
4141929.59        0.44379
         579183.62    4141929.59        0.46222                    578725.67
4141942.60        0.32174
         578745.67    4141942.60        0.33687                    578765.67
4141942.60        0.34944
         578785.67    4141942.60        0.35948                    578805.67
4141942.60        0.36634
         578825.67    4141942.60        0.37064                    578845.67
4141942.60        0.37297
         578865.67    4141942.60        0.37344                    578885.67
4141942.60        0.37311
         578905.67    4141942.60        0.37210                    578925.67
4141942.60        0.37104
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***

INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 , HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 , HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 , HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.37008	578965.67	4141942.60	0.36938
578985.67	4141942.60	0.36905	579005.67	4141942.60	0.36945
579025.67	4141942.60	0.37090	579045.67	4141942.60	0.37358
579065.67	4141942.60	0.37773	579085.67	4141942.60	0.38361
579105.67	4141942.60	0.39161	579125.67	4141942.60	0.40186
579145.67	4141942.60	0.41451	579165.67	4141942.60	0.43030
579185.67	4141942.60	0.44886	578745.52	4141955.60	0.32192
578765.52	4141955.60	0.33283	578785.52	4141955.60	0.34091
578805.52	4141955.60	0.34632	578825.52	4141955.60	0.34977
578845.52	4141955.60	0.35167	578865.52	4141955.60	0.35225
578885.52	4141955.60	0.35203	578905.52	4141955.60	0.35146
578925.52	4141955.60	0.35092	578945.52	4141955.60	0.35050

578965.52 4141955.60 0.35049 578985.52
4141955.60 0.35100
579005.52 4141955.60 0.35213 579025.52
4141955.60 0.35411
579045.52 4141955.60 0.35733 579065.52
4141955.60 0.36203
579085.52 4141955.60 0.36849 579105.52
4141955.60 0.37677
579125.52 4141955.60 0.38735 579145.52
4141955.60 0.40028
579165.52 4141955.60 0.41573 579185.52
4141955.60 0.43388
578785.22 4141971.34 0.32028 578805.22
4141971.34 0.32473
578825.22 4141971.34 0.32737 578845.22
4141971.34 0.32870
578865.22 4141971.34 0.32946 578885.22
4141971.34 0.32930
578905.22 4141971.34 0.32921 578925.22
4141971.34 0.32927
578945.22 4141971.34 0.32939 578965.22
4141971.34 0.32999
578985.22 4141971.34 0.33129 579005.22
4141971.34 0.33323
579025.22 4141971.34 0.33598 579045.22
4141971.34 0.33969
579065.22 4141971.34 0.34477 579085.22
4141971.34 0.35161
579105.22 4141971.34 0.36032 579125.22
4141971.34 0.37086
579145.22 4141971.34 0.38395 579165.22
4141971.34 0.39868
579185.22 4141971.34 0.41685 578790.01
4141986.40 0.30286
578810.01 4141986.40 0.30654 578830.01
4141986.40 0.30842
578850.01 4141986.40 0.30954 578870.01
4141986.40 0.31004
578890.01 4141986.40 0.31017 578910.01
4141986.40 0.31050
578930.01 4141986.40 0.31106 578950.01
4141986.40 0.31167
578970.01 4141986.40 0.31271 578990.01
4141986.40 0.31486
579010.01 4141986.40 0.31770 579030.01
4141986.40 0.32127
579050.01 4141986.40 0.32591 579070.01
4141986.40 0.33160
579090.01 4141986.40 0.33887 579110.01
4141986.40 0.34818

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***

INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.29222	578870.54	4142001.46	0.29279
578890.54	4142001.46	0.29324	578910.54	4142001.46	0.29386
578930.54	4142001.46	0.29471	578950.54	4142001.46	0.29589
578970.54	4142001.46	0.29746	578990.54	4142001.46	0.29976
579010.54	4142001.46	0.30297	579030.54	4142001.46	0.30720
579050.54	4142001.46	0.31228	579070.54	4142001.46	0.31853
579090.54	4142001.46	0.32596	579110.54	4142001.46	0.33522
579130.54	4142001.46	0.34666	579150.54	4141986.40	0.35957
579170.01	4141986.40	0.37280	579190.01	4141986.40	0.38774
578810.54	4142001.46	0.40685	578830.54	4142001.46	0.28949

4142001.46 0.35929
579170.54 4142001.46 0.37429 579190.54
4142001.46 0.39267

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578385.01	4141176.41	0.08655	578405.01	4141176.41	0.09922
578425.01	4141176.41	0.11482	578445.01	4141176.41	0.13673
578465.01	4141176.41	0.15972	578485.01	4141176.41	0.18805
578505.01	4141176.41	0.22345	578525.01	4141176.41	0.26595
578545.01	4141176.41	0.31884	578565.01	4141176.41	0.38172
578585.01	4141176.41	0.45962	578605.01	4141176.41	0.55490
578625.01	4141176.41	0.66955	578645.01	4141176.41	0.81069
578665.01	4141176.41	0.98899	578685.01	4141176.41	1.21349
578705.01	4141176.41	1.48004	578725.01	4141176.41	1.79532
578745.01	4141176.41	2.16272	578765.01	4141176.41	2.55891
578785.01	4141176.41	2.97764	578805.01	4141176.41	3.38529
578825.01	4141176.41	3.75146	578845.01	4141176.41	4.03587
578865.01	4141176.41	4.18936	578885.01		

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4141176.41        4.21641
         578905.01    4141176.41        4.11691                   578925.01
4141176.41        3.91622
         578945.01    4141176.41        3.64765                   578965.01
4141176.41        3.33297
         578985.01    4141176.41        3.00432                   579005.01
4141176.41        2.67893
         579025.01    4141176.41        2.37980                   579045.01
4141176.41        2.11036
         579065.01    4141176.41        1.86895                   579085.01
4141176.41        1.65159
         579105.01    4141176.41        1.45999                   579125.01
4141176.41        1.29198
         579145.01    4141176.41        1.14477                   579165.01
4141176.41        1.01489
         579185.01    4141176.41        0.90459                   579205.01
4141176.41        0.80748
         579225.01    4141176.41        0.72357                   578385.01
4141196.41        0.08506
         578405.01    4141196.41        0.09753                   578425.01
4141196.41        0.11299
         578445.01    4141196.41        0.13437                   578465.01
4141196.41        0.15785
         578485.01    4141196.41        0.18687                   578505.01
4141196.41        0.22262
         578525.01    4141196.41        0.26717                   578545.01
4141196.41        0.32207
         578565.01    4141196.41        0.38988                   578585.01
4141196.41        0.47314
         578605.01    4141196.41        0.57455                   578625.01
4141196.41        0.70014
         578645.01    4141196.41        0.86098                   578665.01
4141196.41        1.06593
         578685.01    4141196.41        1.31358                   578705.01
4141196.41        1.61629
         578725.01    4141196.41        1.97923                   578745.01
4141196.41        2.40288
         578765.01    4141196.41        2.87668                   578785.01
4141196.41        3.36217
         578805.01    4141196.41        3.83619                   578825.01
4141196.41        4.24456
         578845.01    4141196.41        4.54632                   578865.01
4141196.41        4.69948
         578885.01    4141196.41        4.67867                   578905.01
4141196.41        4.51390
         578925.01    4141196.41        4.23974                   578945.01
4141196.41        3.89595
         578965.01    4141196.41        3.51942                   578985.01
4141196.41        3.13042
         579005.01    4141196.41        2.76851                   579025.01
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141196.41	1.28444	579145.01	4141196.41	1.13578
579165.01	4141196.41	1.00548	579185.01	4141196.41	0.89191
579205.01	4141196.41	0.79473	579225.01	4141196.41	0.71165
579245.01	4141196.41	0.64076	578385.01	4141216.41	0.08358
578405.01	4141216.41	0.09584	578425.01	4141216.41	0.11090
578445.01	4141216.41	0.13204	578465.01	4141216.41	0.15558
578485.01	4141216.41	0.18480	578505.01	4141216.41	0.22091
578525.01	4141216.41	0.26727	578545.01	4141216.41	0.32467
578565.01	4141216.41	0.39639	578585.01	4141216.41	0.48586
578605.01	4141216.41	0.59573	578625.01	4141216.41	0.73566
578645.01	4141216.41	0.91697	578665.01	4141216.41	1.14178
578685.01	4141216.41	1.42567	578705.01		

4141216.41 1.77137
578725.01 4141216.41 2.19111 578745.01
4141216.41 2.68783
578765.01 4141216.41 3.24826 578785.01
4141216.41 3.82963
578805.01 4141216.41 4.37701 578825.01
4141216.41 4.83968
578845.01 4141216.41 5.15638 578925.01
4141216.41 4.57957
578945.01 4141216.41 4.14336 578965.01
4141216.41 3.70286
578985.01 4141216.41 3.26411 579005.01
4141216.41 2.85897
579025.01 4141216.41 2.49591 579045.01
4141216.41 2.17973
579065.01 4141216.41 1.90666 579085.01
4141216.41 1.66385
579105.01 4141216.41 1.45358 579125.01
4141216.41 1.27620
579145.01 4141216.41 1.12392 579165.01
4141216.41 0.99080
579185.01 4141216.41 0.87751 579205.01
4141216.41 0.78178
579225.01 4141216.41 0.70086 579245.01
4141216.41 0.63021
578385.01 4141236.41 0.08181 578405.01
4141236.41 0.09598
578425.01 4141236.41 0.11096 578445.01
4141236.41 0.12961
578465.01 4141236.41 0.15287 578485.01
4141236.41 0.18203
578505.01 4141236.41 0.21969 578525.01
4141236.41 0.26713
578545.01 4141236.41 0.32557 578565.01
4141236.41 0.40079
578585.01 4141236.41 0.49720 578605.01
4141236.41 0.61657
578625.01 4141236.41 0.76937 578645.01
4141236.41 0.96876
578665.01 4141236.41 1.22309 578685.01
4141236.41 1.54803
578705.01 4141236.41 1.95137 578725.01
4141236.41 2.44463
578745.01 4141236.41 3.02646 578765.01
4141236.41 3.68769
578785.01 4141236.41 4.39179 578805.01
4141236.41 5.03711
578825.01 4141236.41 5.56491 578945.01
4141236.41 4.39869
578965.01 4141236.41 3.86669 578985.01

4141236.41 3.38367
  579005.01 4141236.41 2.93280 579025.01 4141236.41 2.53889
  579045.01 4141236.41 2.19919 579065.01 4141236.41 1.90763
  579085.01 4141236.41 1.66081 579105.01 4141236.41 1.44612

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	1.26295	579145.01	4141236.41	1.10651
579165.01	4141236.41	0.97477	579185.01	4141236.41	0.86281
579205.01	4141236.41	0.76839	579225.01	4141236.41	0.68907
579245.01	4141236.41	0.61929	578385.01	4141256.41	0.08025
578405.01	4141256.41	0.09399	578425.01	4141256.41	0.10894
578445.01	4141256.41	0.12713	578465.01	4141256.41	0.14991
578485.01	4141256.41	0.17897	578505.01	4141256.41	0.21691
578525.01	4141256.41	0.26467	578545.01	4141256.41	0.32480
578565.01	4141256.41	0.40339	578585.01	4141256.41	0.50612
578605.01	4141256.41	0.63750	578625.01	4141256.41	0.80342
578645.01	4141256.41	1.01987	578665.01		

4141256.41 1.30851
578685.01 4141256.41 1.67918 578705.01
4141256.41 2.15745
578725.01 4141256.41 2.74131 578745.01
4141256.41 3.43748
578765.01 4141256.41 4.23007 578785.01
4141256.41 5.06807
578805.01 4141256.41 5.85668 578965.01
4141256.41 4.02494
578985.01 4141256.41 3.47283 579005.01
4141256.41 2.99626
579025.01 4141256.41 2.56910 579045.01
4141256.41 2.21060
579065.01 4141256.41 1.90658 579085.01
4141256.41 1.65181
579105.01 4141256.41 1.42991 579125.01
4141256.41 1.24408
579145.01 4141256.41 1.08837 579165.01
4141256.41 0.95804
579185.01 4141256.41 0.84862 579205.01
4141256.41 0.75549
579225.01 4141256.41 0.67634 579245.01
4141256.41 0.60839
579265.01 4141256.41 0.54934 578385.01
4141276.41 0.08126
578405.01 4141276.41 0.09213 578425.01
4141276.41 0.10651
578445.01 4141276.41 0.12473 578465.01
4141276.41 0.14706
578485.01 4141276.41 0.17575 578505.01
4141276.41 0.21264
578525.01 4141276.41 0.26082 578545.01
4141276.41 0.32260
578565.01 4141276.41 0.40326 578585.01
4141276.41 0.51156
578605.01 4141276.41 0.65198 578625.01
4141276.41 0.83780
578645.01 4141276.41 1.07734 578665.01
4141276.41 1.39910
578685.01 4141276.41 1.82545 578705.01
4141276.41 2.38401
578725.01 4141276.41 3.09662 578745.01
4141276.41 3.93814
578765.01 4141276.41 4.91237 578785.01
4141276.41 5.92915
578985.01 4141276.41 3.55069 579005.01
4141276.41 3.03240
579025.01 4141276.41 2.59395 579045.01
4141276.41 2.21605
579065.01 4141276.41 1.90317 579085.01

4141276.41 1.63315
  579105.01 4141276.41 1.41071 579125.01
4141276.41 1.22485
  579145.01 4141276.41 1.07114 579165.01
4141276.41 0.94168
  579185.01 4141276.41 0.83292 579205.01
4141276.41 0.74115
  579225.01 4141276.41 0.66328 579245.01
4141276.41 0.59642

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	0.53956	578385.01	4141296.41	0.07935
578405.01	4141296.41	0.09163	578425.01	4141296.41	0.10446
578445.01	4141296.41	0.12181	578465.01	4141296.41	0.14411
578485.01	4141296.41	0.17243	578505.01	4141296.41	0.20870
578525.01	4141296.41	0.25632	578545.01	4141296.41	0.31881
578565.01	4141296.41	0.40167	578585.01	4141296.41	0.51285
578605.01	4141296.41	0.66305	578625.01	4141296.41	0.86605
578645.01	4141296.41	1.13814	578665.01	4141296.41	1.49757
578685.01	4141296.41	1.98971	578705.01	4141296.41	2.64945
578725.01	4141296.41	3.50444	578745.01		

4141296.41 4.55997
579005.01 4141296.41 3.05748 579025.01
4141296.41 2.60022
579045.01 4141296.41 2.21241 579065.01
4141296.41 1.88258
579085.01 4141296.41 1.61243 579105.01
4141296.41 1.39090
579125.01 4141296.41 1.20573 579145.01
4141296.41 1.05057
579165.01 4141296.41 0.92391 579185.01
4141296.41 0.81622
579205.01 4141296.41 0.72597 579225.01
4141296.41 0.64965
579245.01 4141296.41 0.58388 579265.01
4141296.41 0.52867
579285.01 4141296.41 0.48072 578385.01
4141316.41 0.07847
578405.01 4141316.41 0.08920 578425.01
4141316.41 0.10406
578445.01 4141316.41 0.11979 578465.01
4141316.41 0.14051
578485.01 4141316.41 0.16811 578505.01
4141316.41 0.20425
578525.01 4141316.41 0.25144 578545.01
4141316.41 0.31383
578565.01 4141316.41 0.39833 578585.01
4141316.41 0.51315
578605.01 4141316.41 0.67205 578625.01
4141316.41 0.89041
578645.01 4141316.41 1.19440 578665.01
4141316.41 1.60794
578685.01 4141316.41 2.17639 578705.01
4141316.41 2.95836
578725.01 4141316.41 4.00063 579025.01
4141316.41 2.59141
579045.01 4141316.41 2.19319 579065.01
4141316.41 1.86231
579085.01 4141316.41 1.59216 579105.01
4141316.41 1.37003
579125.01 4141316.41 1.18422 579145.01
4141316.41 1.03028
579165.01 4141316.41 0.90467 579185.01
4141316.41 0.79937
579205.01 4141316.41 0.71020 579225.01
4141316.41 0.63538
579245.01 4141316.41 0.57248 579265.01
4141316.41 0.51868
579285.01 4141316.41 0.47169 578385.01
4141336.41 0.07802
578405.01 4141336.41 0.08826 578425.01

4141336.41 0.10103
  578445.01 4141336.41 0.11788 578465.01
4141336.41 0.14001
  578485.01 4141336.41 0.16423 578505.01
4141336.41 0.19862
  578525.01 4141336.41 0.24521 578545.01
4141336.41 0.30823
  578565.01 4141336.41 0.39250 578585.01
4141336.41 0.50990
  578605.01 4141336.41 0.67586 578625.01
4141336.41 0.91136

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	1.24065	578665.01	4141336.41	1.72012
578685.01	4141336.41	2.38451	578705.01	4141336.41	3.32849
579025.01	4141336.41	2.58028	579045.01	4141336.41	2.17370
579065.01	4141336.41	1.84140	579085.01	4141336.41	1.56955
579105.01	4141336.41	1.34556	579125.01	4141336.41	1.16140
579145.01	4141336.41	1.01066	579165.01	4141336.41	0.88512
579185.01	4141336.41	0.78167	579205.01	4141336.41	0.69389
579225.01	4141336.41	0.62246	579245.01	4141336.41	0.56087
579265.01	4141336.41	0.50800	579285.01		

4141336.41 0.46232
578385.01 4141356.41 0.07816 578405.01
4141356.41 0.08822
578425.01 4141356.41 0.10070 578445.01
4141356.41 0.11599
578465.01 4141356.41 0.13561 578485.01
4141356.41 0.16317
578505.01 4141356.41 0.19623 578525.01
4141356.41 0.23866
578545.01 4141356.41 0.30016 578565.01
4141356.41 0.38591
578585.01 4141356.41 0.50399 578605.01
4141356.41 0.67583
578625.01 4141356.41 0.92399 578645.01
4141356.41 1.28574
578665.01 4141356.41 1.82387 578685.01
4141356.41 2.61810
579025.01 4141356.41 2.57003 579045.01
4141356.41 2.15500
579065.01 4141356.41 1.81663 579085.01
4141356.41 1.54185
579105.01 4141356.41 1.31787 579125.01
4141356.41 1.13589
579145.01 4141356.41 0.98684 579165.01
4141356.41 0.86349
579185.01 4141356.41 0.76246 579205.01
4141356.41 0.67829
579225.01 4141356.41 0.60783 579245.01
4141356.41 0.54783
579265.01 4141356.41 0.49641 579285.01
4141356.41 0.45191
579305.01 4141356.41 0.41306 578385.01
4141376.41 0.07872
578405.01 4141376.41 0.08868 578425.01
4141376.41 0.10069
578445.01 4141376.41 0.11577 578465.01
4141376.41 0.13443
578485.01 4141376.41 0.15804 578505.01
4141376.41 0.19060
578525.01 4141376.41 0.23613 578545.01
4141376.41 0.29148
578565.01 4141376.41 0.37579 578585.01
4141376.41 0.49623
578605.01 4141376.41 0.67162 578625.01
4141376.41 0.93213
578645.01 4141376.41 1.32585 578665.01
4141376.41 1.93327
578685.01 4141376.41 2.87090 579005.01
4141376.41 3.07770
579025.01 4141376.41 2.55081 579045.01

4141376.41 2.12536
  579065.01 4141376.41 1.78439 579085.01
4141376.41 1.50948
  579105.01 4141376.41 1.28510 579125.01
4141376.41 1.10479
  579145.01 4141376.41 0.95913 579165.01
4141376.41 0.84043
  579185.01 4141376.41 0.74240 579205.01
4141376.41 0.66065
  579225.01 4141376.41 0.59217 579245.01
4141376.41 0.53402
  579265.01 4141376.41 0.48382 579285.01
4141376.41 0.44079

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.40343	578385.01	4141396.41	0.07985
578405.01	4141396.41	0.08936	578425.01	4141396.41	0.10079
578445.01	4141396.41	0.11525	578465.01	4141396.41	0.13400
578485.01	4141396.41	0.15735	578505.01	4141396.41	0.18694
578525.01	4141396.41	0.23001	578545.01	4141396.41	0.28405
578565.01	4141396.41	0.36348	578585.01	4141396.41	0.48055
578605.01	4141396.41	0.65719	578625.01	4141396.41	0.92990
578645.01	4141396.41	1.35777	578665.01		

4141396.41 2.03861
579005.01 4141396.41 3.06668 579025.01
4141396.41 2.52228
579045.01 4141396.41 2.08669 579065.01
4141396.41 1.74097
579085.01 4141396.41 1.46640 579105.01
4141396.41 1.24684
579125.01 4141396.41 1.07246 579145.01
4141396.41 0.93115
579165.01 4141396.41 0.81540 579185.01
4141396.41 0.72034
579205.01 4141396.41 0.64166 579225.01
4141396.41 0.57525
579245.01 4141396.41 0.51884 579265.01
4141396.41 0.47050
579285.01 4141396.41 0.42906 579305.01
4141396.41 0.39297
578385.01 4141416.41 0.08113 578405.01
4141416.41 0.09049
578425.01 4141416.41 0.10198 578445.01
4141416.41 0.11621
578465.01 4141416.41 0.13397 578485.01
4141416.41 0.15680
578505.01 4141416.41 0.18541 578525.01
4141416.41 0.22431
578545.01 4141416.41 0.27785 578565.01
4141416.41 0.35193
578585.01 4141416.41 0.46374 578605.01
4141416.41 0.63581
578625.01 4141416.41 0.91128 578645.01
4141416.41 1.36318
578665.01 4141416.41 2.12918 579025.01
4141416.41 2.48281
579045.01 4141416.41 2.03873 579065.01
4141416.41 1.69071
579085.01 4141416.41 1.42083 579105.01
4141416.41 1.20633
579125.01 4141416.41 1.03674 579145.01
4141416.41 0.89945
579165.01 4141416.41 0.78785 579185.01
4141416.41 0.69622
579205.01 4141416.41 0.62009 579225.01
4141416.41 0.55654
579245.01 4141416.41 0.50236 579265.01
4141416.41 0.45630
579285.01 4141416.41 0.41608 579305.01
4141416.41 0.38183
578385.01 4141436.41 0.08290 578405.01
4141436.41 0.09240
578425.01 4141436.41 0.10388 578445.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	1.16044	579125.01	4141436.41	0.99630
579145.01	4141436.41	0.86490	579165.01	4141436.41	0.75792
579185.01	4141436.41	0.67025	579205.01	4141436.41	0.59769
579225.01	4141436.41	0.53698	579245.01	4141436.41	0.48547
579265.01	4141436.41	0.44113	579285.01	4141436.41	0.40308
579305.01	4141436.41	0.36984	579325.01	4141436.41	0.34056
578385.01	4141456.41	0.08529	578405.01		

4141456.41 0.09490
578425.01 4141456.41 0.10645 578445.01
4141456.41 0.12073
578465.01 4141456.41 0.13821 578485.01
4141456.41 0.16037
578505.01 4141456.41 0.18686 578525.01
4141456.41 0.22466
578545.01 4141456.41 0.27099 578565.01
4141456.41 0.33913
578585.01 4141456.41 0.44003 578605.01
4141456.41 0.59429
578625.01 4141456.41 0.85257 578645.01
4141456.41 1.31966
579045.01 4141456.41 1.90133 579065.01
4141456.41 1.56657
579085.01 4141456.41 1.30706 579105.01
4141456.41 1.10698
579125.01 4141456.41 0.95109 579145.01
4141456.41 0.82703
579165.01 4141456.41 0.72576 579185.01
4141456.41 0.64294
579205.01 4141456.41 0.57427 579225.01
4141456.41 0.51690
579245.01 4141456.41 0.46758 579265.01
4141456.41 0.42550
578385.01 4141476.41 0.08796 578405.01
4141476.41 0.09795
578425.01 4141476.41 0.10984 578445.01
4141476.41 0.12403
578465.01 4141476.41 0.14177 578485.01
4141476.41 0.16437
578505.01 4141476.41 0.19145 578525.01
4141476.41 0.22977
578545.01 4141476.41 0.27340 578565.01
4141476.41 0.33854
578585.01 4141476.41 0.43297 578605.01
4141476.41 0.57830
578625.01 4141476.41 0.82041 578645.01
4141476.41 1.27196
579065.01 4141476.41 1.48148 579085.01
4141476.41 1.23776
579105.01 4141476.41 1.04858 579125.01
4141476.41 0.90155
579145.01 4141476.41 0.78581 579165.01
4141476.41 0.69220
579185.01 4141476.41 0.61378 579205.01
4141476.41 0.54921
579225.01 4141476.41 0.49520 578385.01
4141496.41 0.09095
578405.01 4141496.41 0.10146 578425.01

4141496.41 0.11379
  578445.01 4141496.41 0.12859 578465.01
4141496.41 0.14687
  578485.01 4141496.41 0.17008 578505.01
4141496.41 0.19790
  578525.01 4141496.41 0.23746 578545.01
4141496.41 0.28149
  578565.01 4141496.41 0.34499 578585.01
4141496.41 0.43605
  578605.01 4141496.41 0.57269 578625.01
4141496.41 0.79533
  578645.01 4141496.41 1.21501 579085.01
4141496.41 1.16188
  579105.01 4141496.41 0.98772 579125.01
4141496.41 0.85092
  579145.01 4141496.41 0.74339 579165.01
4141496.41 0.65661

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	0.58412	579205.01	4141496.41	0.52366
578385.01	4141516.41	0.09380	578405.01	4141516.41	0.10513
578425.01	4141516.41	0.11845	578445.01	4141516.41	0.13404
578465.01	4141516.41	0.15331	578485.01	4141516.41	0.17751
578505.01	4141516.41	0.20694	578525.01	4141516.41	0.24924
578545.01	4141516.41	0.29474	578565.01		

4141516.41 0.36193
578585.01 4141516.41 0.45479 578605.01
4141516.41 0.59157
578625.01 4141516.41 0.80941 578645.01
4141516.41 1.19992
579085.01 4141516.41 1.08196 579105.01
4141516.41 0.92438
579125.01 4141516.41 0.79998 579145.01
4141516.41 0.70067
579165.01 4141516.41 0.62009 578385.01
4141536.41 0.09740
578405.01 4141536.41 0.10911 578425.01
4141536.41 0.12335
578445.01 4141536.41 0.14065 578465.01
4141536.41 0.16134
578485.01 4141536.41 0.18727 578505.01
4141536.41 0.21903
578525.01 4141536.41 0.26644 578545.01
4141536.41 0.31456
578565.01 4141536.41 0.38929 578585.01
4141536.41 0.49235
578605.01 4141536.41 0.64208 578625.01
4141536.41 0.88002
578645.01 4141536.41 1.28393 578665.01
4141536.41 2.06255
579105.01 4141536.41 0.86013 579125.01
4141536.41 0.74764
579185.01 4141536.41 0.52043 578385.01
4141556.41 0.10174
578405.01 4141556.41 0.11428 578425.01
4141556.41 0.12938
578445.01 4141556.41 0.14801 578465.01
4141556.41 0.17111
578485.01 4141556.41 0.19949 578505.01
4141556.41 0.23519
578525.01 4141556.41 0.28619 578545.01
4141556.41 0.34277
578565.01 4141556.41 0.42818 578585.01
4141556.41 0.54896
578605.01 4141556.41 0.73119 578625.01
4141556.41 1.01956
578645.01 4141556.41 1.51784 578665.01
4141556.41 2.47380
578685.01 4141556.41 4.58749 579165.01
4141556.41 0.54390
579185.01 4141556.41 0.48689 579205.01
4141556.41 0.43860
578385.01 4141576.41 0.10713 578405.01
4141576.41 0.12072
578425.01 4141576.41 0.13731 578445.01

4141576.41 0.15779
  578465.01 4141576.41 0.18292 578485.01
4141576.41 0.21487
  578505.01 4141576.41 0.25655 578525.01
4141576.41 0.31487
  578545.01 4141576.41 0.38457 578565.01
4141576.41 0.48653
  578585.01 4141576.41 0.63477 578605.01
4141576.41 0.86271
  578625.01 4141576.41 1.23766 578645.01
4141576.41 1.91221
  578665.01 4141576.41 3.20710 578685.01
4141576.41 5.77343
  578705.01 4141576.41 9.37059 579145.01
4141576.41 0.56610
  579165.01 4141576.41 0.50423 579185.01
4141576.41 0.45225
  579205.01 4141576.41 0.40811 579225.01
4141576.41 0.37029

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.33763	579265.01	4141576.41	0.30914
578385.01	4141596.41	0.11367	578405.01	4141596.41	0.12907
578425.01	4141596.41	0.14742	578445.01	4141596.41	0.17053
578465.01	4141596.41	0.19926	578485.01	4141596.41	0.23608
578505.01	4141596.41	0.28562	578525.01		

4141596.41 0.35346
578545.01 4141596.41 0.43980 578565.01
4141596.41 0.56761
578585.01 4141596.41 0.75375 578605.01
4141596.41 1.04047
578625.01 4141596.41 1.50985 578645.01
4141596.41 2.31467
578665.01 4141596.41 3.70846 578685.01
4141596.41 5.78453
578705.01 4141596.41 7.83722 578725.01
4141596.41 8.92247
578745.01 4141596.41 8.48261 579105.01
4141596.41 0.66756
579145.01 4141596.41 0.51912 579165.01
4141596.41 0.46352
579185.01 4141596.41 0.41670 579205.01
4141596.41 0.37683
579225.01 4141596.41 0.34262 579245.01
4141596.41 0.31301
579265.01 4141596.41 0.28712 579285.01
4141596.41 0.26438
579305.01 4141596.41 0.24448 579325.01
4141596.41 0.22669
579345.01 4141596.41 0.21074 578385.01
4141616.41 0.12137
578405.01 4141616.41 0.13890 578425.01
4141616.41 0.16036
578445.01 4141616.41 0.18681 578465.01
4141616.41 0.22029
578485.01 4141616.41 0.26359 578505.01
4141616.41 0.32182
578525.01 4141616.41 0.40489 578545.01
4141616.41 0.50738
578565.01 4141616.41 0.66341 578585.01
4141616.41 0.88847
578605.01 4141616.41 1.22891 578625.01
4141616.41 1.75469
578645.01 4141616.41 2.54958 578665.01
4141616.41 3.68420
578685.01 4141616.41 5.00988 578705.01
4141616.41 6.07450
578725.01 4141616.41 6.47830 578745.01
4141616.41 6.37504
579065.01 4141616.41 0.80337 579085.01
4141616.41 0.69091
579105.01 4141616.41 0.60204 579125.01
4141616.41 0.53012
579165.01 4141616.41 0.42204 579185.01
4141616.41 0.38048
579205.01 4141616.41 0.34508 579225.01

4141616.41 0.31465
579245.01 4141616.41 0.28821 579265.01
4141616.41 0.26506
579285.01 4141616.41 0.24421 579305.01
4141616.41 0.22643
579325.01 4141616.41 0.21063 579345.01
4141616.41 0.19620
578385.01 4141636.41 0.13094 578405.01
4141636.41 0.15078
578425.01 4141636.41 0.17536 578445.01
4141636.41 0.20638
578465.01 4141636.41 0.24594 578485.01
4141636.41 0.29646
578505.01 4141636.41 0.36445 578525.01
4141636.41 0.45755
578545.01 4141636.41 0.58179 578565.01
4141636.41 0.75942
578585.01 4141636.41 1.01531 578605.01
4141636.41 1.37739
578625.01 4141636.41 1.88316 578645.01
4141636.41 2.56055

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
578665.01 4141636.41 3.35218 578685.01
4141636.41 4.10557
578705.01 4141636.41 4.59979 578725.01
4141636.41 4.73182
579045.01 4141636.41 0.83151 579065.01
4141636.41 0.70776
579085.01 4141636.41 0.61189 579105.01

4141636.41 0.53571
579125.01 4141636.41 0.47409 579165.01
4141636.41 0.38043
579185.01 4141636.41 0.34450 579205.01
4141636.41 0.31361
579225.01 4141636.41 0.28691 579245.01
4141636.41 0.26362
579265.01 4141636.41 0.24321 579285.01
4141636.41 0.22499
579305.01 4141636.41 0.20902 579325.01
4141636.41 0.19474
579345.01 4141636.41 0.18191 578385.01
4141656.41 0.14266
578405.01 4141656.41 0.16530 578425.01
4141656.41 0.19296
578445.01 4141656.41 0.22842 578465.01
4141656.41 0.27501
578485.01 4141656.41 0.33378 578505.01
4141656.41 0.41430
578525.01 4141656.41 0.51618 578545.01
4141656.41 0.65514
578565.01 4141656.41 0.84566 578585.01
4141656.41 1.10453
578605.01 4141656.41 1.44993 578625.01
4141656.41 1.89446
578645.01 4141656.41 2.40463 578665.01
4141656.41 2.91236
578685.01 4141656.41 3.33278 578705.01
4141656.41 3.53025
578725.01 4141656.41 3.60003 579005.01
4141656.41 1.02640
579025.01 4141656.41 0.84499 579045.01
4141656.41 0.71251
579065.01 4141656.41 0.61190 579085.01
4141656.41 0.53317
579105.01 4141656.41 0.47014 579125.01
4141656.41 0.41862
579145.01 4141656.41 0.37588 579185.01
4141656.41 0.30925
579205.01 4141656.41 0.28278 579225.01
4141656.41 0.25976
579245.01 4141656.41 0.23956 579265.01
4141656.41 0.22184
579285.01 4141656.41 0.20601 579305.01
4141656.41 0.19194
579325.01 4141656.41 0.17919 579345.01
4141656.41 0.16774
578385.01 4141676.41 0.15632 578405.01
4141676.41 0.18157
578425.01 4141676.41 0.21297 578445.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.30097	579185.01	4141676.41	0.27538
579205.01	4141676.41	0.25320	579225.01	4141676.41	0.23373
579245.01	4141676.41	0.21649	579265.01		

4141676.41 0.20123
579285.01 4141676.41 0.18767 579305.01
4141676.41 0.17533
579325.01 4141676.41 0.16441 579345.01
4141676.41 0.15442
578385.01 4141696.41 0.17119 578405.01
4141696.41 0.19945
578425.01 4141696.41 0.23539 578445.01
4141696.41 0.28139
578465.01 4141696.41 0.33812 578485.01
4141696.41 0.40913
578505.01 4141696.41 0.50302 578525.01
4141696.41 0.62031
578565.01 4141696.41 0.94597 578585.01
4141696.41 1.16306
578605.01 4141696.41 1.41077 578625.01
4141696.41 1.67073
578645.01 4141696.41 1.92171 578665.01
4141696.41 2.11689
578685.01 4141696.41 2.23556 578945.01
4141696.41 1.11388
578965.01 4141696.41 0.91134 578985.01
4141696.41 0.76100
579005.01 4141696.41 0.64706 579025.01
4141696.41 0.55903
579045.01 4141696.41 0.48946 579065.01
4141696.41 0.43327
579085.01 4141696.41 0.38721 579105.01
4141696.41 0.34881
579125.01 4141696.41 0.31645 579145.01
4141696.41 0.28867
579165.01 4141696.41 0.26466 579185.01
4141696.41 0.24367
579205.01 4141696.41 0.22542 579225.01
4141696.41 0.20920
579245.01 4141696.41 0.19480 579265.01
4141696.41 0.18183
579285.01 4141696.41 0.17021 579305.01
4141696.41 0.15976
579325.01 4141696.41 0.15023 579345.01
4141696.41 0.14154
578385.01 4141716.41 0.18729 578405.01
4141716.41 0.21903
578425.01 4141716.41 0.25907 578445.01
4141716.41 0.30844
578465.01 4141716.41 0.36781 578485.01
4141716.41 0.44212
578505.01 4141716.41 0.53830 578525.01
4141716.41 0.65609
578605.01 4141716.41 1.33159 578625.01

4141716.41 1.52426
  578645.01 4141716.41 1.69316 578665.01
4141716.41 1.81221
  578685.01 4141716.41 1.89644 578905.01
4141716.41 1.04096
  578925.01 4141716.41 0.85831 578945.01
4141716.41 0.73878
  578965.01 4141716.41 0.64335 578985.01
4141716.41 0.56421
  579005.01 4141716.41 0.49841 579025.01
4141716.41 0.44334
  579045.01 4141716.41 0.39722 579065.01
4141716.41 0.35831
  579085.01 4141716.41 0.32510 579105.01
4141716.41 0.29644
  579125.01 4141716.41 0.27187 579145.01
4141716.41 0.25039
  579165.01 4141716.41 0.23140 579185.01
4141716.41 0.21460
  579205.01 4141716.41 0.19978 579225.01
4141716.41 0.18649
  579245.01 4141716.41 0.17458 579265.01
4141716.41 0.16375
  579285.01 4141716.41 0.15395 579305.01
4141716.41 0.14504

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.13690	579345.01	4141716.41	0.12944
578385.01	4141736.41	0.20400	578405.01		

4141736.41 0.23922
578425.01 4141736.41 0.28184 578445.01
4141736.41 0.33234
578465.01 4141736.41 0.39359 578485.01
4141736.41 0.46926
578505.01 4141736.41 0.56684 578625.01
4141736.41 1.37853
578645.01 4141736.41 1.48812 578665.01
4141736.41 1.56981
578865.01 4141736.41 1.38577 578885.01
4141736.41 0.98573
578905.01 4141736.41 0.75013 578925.01
4141736.41 0.61300
578945.01 4141736.41 0.52998 578965.01
4141736.41 0.47236
578985.01 4141736.41 0.42597 579005.01
4141736.41 0.38653
579025.01 4141736.41 0.35219 579045.01
4141736.41 0.32205
579065.01 4141736.41 0.29545 579085.01
4141736.41 0.27196
579105.01 4141736.41 0.25108 579125.01
4141736.41 0.23276
579145.01 4141736.41 0.21638 579165.01
4141736.41 0.20166
579185.01 4141736.41 0.18839 579205.01
4141736.41 0.17653
579225.01 4141736.41 0.16577 579245.01
4141736.41 0.15599
579265.01 4141736.41 0.14706 579285.01
4141736.41 0.13888
579305.01 4141736.41 0.13135 579325.01
4141736.41 0.12445
579345.01 4141736.41 0.11805 578385.01
4141756.41 0.22163
578405.01 4141756.41 0.25852 578425.01
4141756.41 0.30224
578445.01 4141756.41 0.35431 578465.01
4141756.41 0.41601
578485.01 4141756.41 0.49415 578845.01
4141756.41 1.28761
578865.01 4141756.41 0.95582 578885.01
4141756.41 0.73251
578905.01 4141756.41 0.58136 578925.01
4141756.41 0.47972
578945.01 4141756.41 0.41342 578965.01
4141756.41 0.36809
578985.01 4141756.41 0.33454 579005.01
4141756.41 0.30733
579025.01 4141756.41 0.28396 579045.01

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4141756.41        0.26329
         579065.01    4141756.41        0.24477                       579085.01
4141756.41        0.22808
         579105.01    4141756.41        0.21289                       579125.01
4141756.41        0.19930
         579145.01    4141756.41        0.18690                       579165.01
4141756.41        0.17557
         579185.01    4141756.41        0.16517                       579205.01
4141756.41        0.15577
         579225.01    4141756.41        0.14712                       579245.01
4141756.41        0.13915
         579265.01    4141756.41        0.13183                       579285.01
4141756.41        0.12507
         579305.01    4141756.41        0.11881                       579325.01
4141756.41        0.11296
         579345.01    4141756.41        0.10755                       578385.01
4141776.41        0.23765
         578405.01    4141776.41        0.27588                       578425.01
4141776.41        0.31920
         578445.01    4141776.41        0.37067                       578465.01
4141776.41        0.43250
         578485.01    4141776.41        0.50548                       578825.01
4141776.41        1.14102
         578845.01    4141776.41        0.90744                       578865.01
4141776.41        0.70622
         578885.01    4141776.41        0.57109                       578905.01
4141776.41        0.46879
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 539
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP23  ***
                                   INCLUDING SOURCE(S):     PAV1_0      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578925.01    4141776.41        0.39343                       578945.01
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4141776.41 0.34004
578965.01 4141776.41 0.30226 578985.01
4141776.41 0.27415
579005.01 4141776.41 0.25228 579025.01
4141776.41 0.23432
579045.01 4141776.41 0.21889 579065.01
4141776.41 0.20518
579085.01 4141776.41 0.19283 579105.01
4141776.41 0.18153
579125.01 4141776.41 0.17130 579145.01
4141776.41 0.16183
579165.01 4141776.41 0.15308 579185.01
4141776.41 0.14494
579205.01 4141776.41 0.13750 579225.01
4141776.41 0.13057
579245.01 4141776.41 0.12411 579265.01
4141776.41 0.11813
579285.01 4141776.41 0.11255 579305.01
4141776.41 0.10737
579325.01 4141776.41 0.10246 579345.01
4141776.41 0.09790
578405.01 4141796.41 0.28985 578425.01
4141796.41 0.33315
578445.01 4141796.41 0.38361 578465.01
4141796.41 0.44433
578805.01 4141796.41 0.99601 578825.01
4141796.41 0.84065
578845.01 4141796.41 0.68225 578865.01
4141796.41 0.55429
578885.01 4141796.41 0.46117 578905.01
4141796.41 0.38873
578925.01 4141796.41 0.33168 578945.01
4141796.41 0.28888
578965.01 4141796.41 0.25672 578985.01
4141796.41 0.23238
579005.01 4141796.41 0.21354 579025.01
4141796.41 0.19830
579045.01 4141796.41 0.18571 579065.01
4141796.41 0.17478
579085.01 4141796.41 0.16506 579105.01
4141796.41 0.15625
579125.01 4141796.41 0.14827 579145.01
4141796.41 0.14087
579165.01 4141796.41 0.13398 579185.01
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579205.01 4141796.41 0.12164 579225.01
4141796.41 0.11606
579245.01 4141796.41 0.11086 579265.01
4141796.41 0.10592
579285.01 4141796.41 0.10137 579305.01

4141796.41 0.09705
579325.01 4141796.41 0.09298 579345.01
4141796.41 0.08915
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4141816.41 0.81756
578605.01 4141816.41 0.86630 578665.01
4141816.41 0.95814
578685.01 4141816.41 0.97694 578785.01
4141816.41 0.87121
578805.01 4141816.41 0.76650 578825.01
4141816.41 0.64743
578845.01 4141816.41 0.53779 578865.01
4141816.41 0.45062
578885.01 4141816.41 0.38285 578905.01
4141816.41 0.32907
578925.01 4141816.41 0.28488 578945.01
4141816.41 0.25015
578965.01 4141816.41 0.22299 578985.01
4141816.41 0.20188
579005.01 4141816.41 0.18522 579025.01
4141816.41 0.17181
579045.01 4141816.41 0.16076 579065.01
4141816.41 0.15141
579085.01 4141816.41 0.14328 579105.01
4141816.41 0.13606
579125.01 4141816.41 0.12955 579145.01
4141816.41 0.12355
579165.01 4141816.41 0.11800 579185.01
4141816.41 0.11281

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

- -
579205.01 4141816.41 0.10801 579225.01
4141816.41 0.10347
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4141816.41 0.09521
579285.01 4141816.41 0.09141 579305.01
4141816.41 0.08780
579325.01 4141816.41 0.08441 579345.01
4141816.41 0.08119
578565.01 4141836.41 0.70984 578585.01
4141836.41 0.75177
578605.01 4141836.41 0.78964 578625.01
4141836.41 0.81659
578645.01 4141836.41 0.83491 578665.01
4141836.41 0.84847
578685.01 4141836.41 0.85549 578705.01
4141836.41 0.85543
578725.01 4141836.41 0.84428 578765.01
4141836.41 0.76595
578785.01 4141836.41 0.69355 578805.01
4141836.41 0.60597
578825.01 4141836.41 0.51658 578845.01
4141836.41 0.43820
578865.01 4141836.41 0.37445 578885.01
4141836.41 0.32473
578905.01 4141836.41 0.28304 578925.01
4141836.41 0.24810
578945.01 4141836.41 0.21959 578965.01
4141836.41 0.19665
578985.01 4141836.41 0.17829 579005.01
4141836.41 0.16357
579025.01 4141836.41 0.15158 579045.01
4141836.41 0.14170
579065.01 4141836.41 0.13338 579085.01
4141836.41 0.12621
579105.01 4141836.41 0.11997 579125.01
4141836.41 0.11441
579145.01 4141836.41 0.10935 579165.01
4141836.41 0.10469
579185.01 4141836.41 0.10039 579205.01
4141836.41 0.09640
579225.01 4141836.41 0.09264 579245.01
4141836.41 0.08912
579265.01 4141836.41 0.08579 579285.01
4141836.41 0.08262
579305.01 4141836.41 0.07961 579325.01
4141836.41 0.07675
579345.01 4141836.41 0.07400 578565.01
4141856.41 0.65962
578585.01 4141856.41 0.69160 578605.01

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4141856.41        0.71693
         578625.01    4141856.41        0.73436                        578645.01
4141856.41        0.74485
         578665.01    4141856.41        0.74900                        578685.01
4141856.41        0.74662
         578705.01    4141856.41        0.73610                        578725.01
4141856.41        0.71444
         578745.01    4141856.41        0.67840                        578765.01
4141856.41        0.62674
         578785.01    4141856.41        0.56207                        578805.01
4141856.41        0.49142
         578825.01    4141856.41        0.42385                        578845.01
4141856.41        0.36570
         578865.01    4141856.41        0.31823                        578885.01
4141856.41        0.27971
         578905.01    4141856.41        0.24665                        578925.01
4141856.41        0.21858
         578945.01    4141856.41        0.19490                        578965.01
4141856.41        0.17535
         578985.01    4141856.41        0.15940                        579005.01
4141856.41        0.14635
         579025.01    4141856.41        0.13557                        579045.01
4141856.41        0.12663
         579065.01    4141856.41        0.11908                        579085.01
4141856.41        0.11263
         579105.01    4141856.41        0.10705                        579125.01
4141856.41        0.10213
         579145.01    4141856.41        0.09769                        579165.01
4141856.41        0.09367
         579185.01    4141856.41        0.09000                        579205.01
4141856.41        0.08658
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 541
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP23  ***
                                    INCLUDING SOURCE(S):     PAV1_0      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

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

579225.01	4141856.41	0.08338	579245.01	4141856.41	0.08040
579265.01	4141856.41	0.07759	579285.01	4141856.41	0.07488
579305.01	4141856.41	0.07233	579325.01	4141856.41	0.06994
579345.01	4141856.41	0.06762	578545.01	4141876.41	0.58009
578565.01	4141876.41	0.60988	578585.01	4141876.41	0.63285
578605.01	4141876.41	0.64947	578625.01	4141876.41	0.65937
578645.01	4141876.41	0.66281	578665.01	4141876.41	0.65998
578685.01	4141876.41	0.65046	578705.01	4141876.41	0.63293
578725.01	4141876.41	0.60562	578745.01	4141876.41	0.56735
578765.01	4141876.41	0.51887	578785.01	4141876.41	0.46364
578805.01	4141876.41	0.40728	578825.01	4141876.41	0.35548
578845.01	4141876.41	0.31135	578865.01	4141876.41	0.27485
578885.01	4141876.41	0.24403	578905.01	4141876.41	0.21735
578925.01	4141876.41	0.19436	578945.01	4141876.41	0.17456
578965.01	4141876.41	0.15783	578985.01	4141876.41	0.14383
579005.01	4141876.41	0.13222	579025.01	4141876.41	0.12256
579045.01	4141876.41	0.11443	579065.01	4141876.41	0.10754
579085.01	4141876.41	0.10164	579105.01	4141876.41	0.09657
579125.01	4141876.41	0.09210	579145.01	4141876.41	0.08811
579165.01	4141876.41	0.08451	579185.01	4141876.41	0.08128
579205.01	4141876.41	0.07829	579225.01	4141876.41	0.07550
579245.01	4141876.41	0.07292	579265.01	4141876.41	0.07049
579285.01	4141876.41	0.06816	579305.01	4141876.41	0.06598
579325.01	4141876.41	0.06392	579345.01		

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4141876.41        0.06192
         578545.01    4141896.41        0.53983                       578565.01
4141896.41        0.56148
         578585.01    4141896.41        0.57750                       578605.01
4141896.41        0.58765
         578625.01    4141896.41        0.59127                       578645.01
4141896.41        0.58900
         578665.01    4141896.41        0.58086                       578685.01
4141896.41        0.56640
         578705.01    4141896.41        0.54482                       578725.01
4141896.41        0.51540
         578745.01    4141896.41        0.47812                       578765.01
4141896.41        0.43482
         578785.01    4141896.41        0.38862                       578805.01
4141896.41        0.34373
         578825.01    4141896.41        0.30339                       578845.01
4141896.41        0.26909
         578865.01    4141896.41        0.24010                       578885.01
4141896.41        0.21515
         578905.01    4141896.41        0.19333                       578925.01
4141896.41        0.17415
         578945.01    4141896.41        0.15742                       578965.01
4141896.41        0.14302
         578985.01    4141896.41        0.13080                       579005.01
4141896.41        0.12046
         579025.01    4141896.41        0.11170                       579045.01
4141896.41        0.10430
         579065.01    4141896.41        0.09801                       579085.01
4141896.41        0.09258
         579105.01    4141896.41        0.08791                       579125.01
4141896.41        0.08379
         579145.01    4141896.41        0.08014                       579165.01
4141896.41        0.07687
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 542
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP23  ***
                                    INCLUDING SOURCE(S):     PAV1_0      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.07395	579205.01	4141896.41	0.07127
579225.01	4141896.41	0.06880	579245.01	4141896.41	0.06649
579265.01	4141896.41	0.06435	579285.01	4141896.41	0.06231
579305.01	4141896.41	0.06041	579325.01	4141896.41	0.05860
579345.01	4141896.41	0.05688	578565.01	4141916.41	0.51661
578585.01	4141916.41	0.52563	578605.01	4141916.41	0.53074
578625.01	4141916.41	0.52952	578645.01	4141916.41	0.52298
578665.01	4141916.41	0.51107	578685.01	4141916.41	0.49360
578705.01	4141916.41	0.47025	578725.01	4141916.41	0.44088
578745.01	4141916.41	0.40663	578765.01	4141916.41	0.36892
578785.01	4141916.41	0.33066	578805.01	4141916.41	0.29451
578825.01	4141916.41	0.26274	578845.01	4141916.41	0.23541
578865.01	4141916.41	0.21194	578885.01	4141916.41	0.19144
578905.01	4141916.41	0.17323	578925.01	4141916.41	0.15705
578945.01	4141916.41	0.14280	578965.01	4141916.41	0.13035
578985.01	4141916.41	0.11962	579005.01	4141916.41	0.11040
579025.01	4141916.41	0.10253	579045.01	4141916.41	0.09577
579065.01	4141916.41	0.08997	579085.01	4141916.41	0.08496
579105.01	4141916.41	0.08064	579125.01	4141916.41	0.07683
579145.01	4141916.41	0.07345	579165.01	4141916.41	0.07044
579185.01	4141916.41	0.06775	578386.27	4141125.26	0.09093
578406.27	4141125.26	0.10427	578426.27	4141125.26	0.11972
578446.27	4141125.26	0.13830	578466.27		

4141125.26   0.16419
         578486.27   4141125.26   0.19158   578506.27
4141125.26   0.22452
         578526.27   4141125.26   0.26254   578546.27
4141125.26   0.30796
         578566.27   4141125.26   0.36198   578586.27
4141125.26   0.42750
         578606.27   4141125.26   0.50768   578626.27
4141125.26   0.60018
         578646.27   4141125.26   0.71345   578666.27
4141125.26   0.85183
         578686.27   4141125.26   1.01285   578706.27
4141125.26   1.20277
         578726.27   4141125.26   1.42635   578746.27
4141125.26   1.68632
         578766.27   4141125.26   1.96930   578786.27
4141125.26   2.26374
         578806.27   4141125.26   2.56010   578826.27
4141125.26   2.82268
         578846.27   4141125.26   3.03835   578866.27
4141125.26   3.19202
         578886.27   4141125.26   3.27240   578906.27
4141125.26   3.27137
         578926.27   4141125.26   3.18746   578946.27
4141125.26   3.04308
         578966.27   4141125.26   2.85496   578986.27
4141125.26   2.64158
         579006.27   4141125.26   2.41832   579026.27
4141125.26   2.19820
         579046.27   4141125.26   1.98346   579066.27
4141125.26   1.77792
         579086.27   4141125.26   1.59207   579106.27
4141125.26   1.42630
         579126.27   4141125.26   1.27823   579146.27
4141125.26   1.14411

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP23 ***
                                   INCLUDING SOURCE(S):   PAV1_0   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	1.02250	579186.27	4141125.26	0.91691
579206.27	4141125.26	0.82561	578386.27	4141145.26	0.08950
578406.27	4141145.26	0.10270	578426.27	4141145.26	0.11876
578446.27	4141145.26	0.13730	578466.27	4141145.26	0.16006
578486.27	4141145.26	0.19159	578506.27	4141145.26	0.22538
578526.27	4141145.26	0.26625	578546.27	4141145.26	0.31402
578566.27	4141145.26	0.37217	578586.27	4141145.26	0.44130
578606.27	4141145.26	0.52684	578626.27	4141145.26	0.63147
578646.27	4141145.26	0.75639	578666.27	4141145.26	0.90448
578686.27	4141145.26	1.08586	578706.27	4141145.26	1.30331
578726.27	4141145.26	1.56543	578746.27	4141145.26	1.86003
578766.27	4141145.26	2.18110	578786.27	4141145.26	2.51816
578806.27	4141145.26	2.85259	578826.27	4141145.26	3.15251
578846.27	4141145.26	3.38324	578866.27	4141145.26	3.54154
578886.27	4141145.26	3.60452	578906.27	4141145.26	3.57151
578926.27	4141145.26	3.45281	578946.27	4141145.26	3.26305
578966.27	4141145.26	3.02985	578986.27	4141145.26	2.77776
579006.27	4141145.26	2.52070	579026.27	4141145.26	2.26754
579046.27	4141145.26	2.02698	579066.27	4141145.26	1.80922
579086.27	4141145.26	1.61641	579106.27	4141145.26	1.43885
579126.27	4141145.26	1.28382	579146.27	4141145.26	1.14317
579166.27	4141145.26	1.01906	579186.27		

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4141145.26        0.91007
         579206.27    4141145.26        0.81690                        578723.62
4141929.59        0.40133
         578743.62    4141929.59        0.36950                        578763.62
4141929.59        0.33554
         578783.62    4141929.59        0.30171                        578803.62
4141929.59        0.27017
         578823.62    4141929.59        0.24236                        578843.62
4141929.59        0.21830
         578863.62    4141929.59        0.19750                        578883.62
4141929.59        0.17915
         578903.62    4141929.59        0.16281                        578923.62
4141929.59        0.14815
         578943.62    4141929.59        0.13512                        578963.62
4141929.59        0.12368
         578983.62    4141929.59        0.11372                        579003.62
4141929.59        0.10509
         579023.62    4141929.59        0.09765                        579043.62
4141929.59        0.09124
         579063.62    4141929.59        0.08569                        579083.62
4141929.59        0.08088
         579103.62    4141929.59        0.07671                        579123.62
4141929.59        0.07305
         579143.62    4141929.59        0.06981                        579163.62
4141929.59        0.06691
         579183.62    4141929.59        0.06434                        578725.67
4141942.60        0.36214
         578745.67    4141942.60        0.33228                        578765.67
4141942.60        0.30164
         578785.67    4141942.60        0.27192                        578805.67
4141942.60        0.24475
         578825.67    4141942.60        0.22077                        578845.67
4141942.60        0.19993
         578865.67    4141942.60        0.18176                        578885.67
4141942.60        0.16556
         578905.67    4141942.60        0.15106                        578925.67
4141942.60        0.13798
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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                                    PAGE 544
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP23  ***
                                    INCLUDING SOURCE(S):     PAV1_0      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.12628	578965.67	4141942.60	0.11594
578985.67	4141942.60	0.10689	579005.67	4141942.60	0.09900
579025.67	4141942.60	0.09213	579045.67	4141942.60	0.08618
579065.67	4141942.60	0.08101	579085.67	4141942.60	0.07652
579105.67	4141942.60	0.07258	579125.67	4141942.60	0.06912
579145.67	4141942.60	0.06607	579165.67	4141942.60	0.06334
579185.67	4141942.60	0.06091	578745.52	4141955.60	0.30315
578765.52	4141955.60	0.27550	578785.52	4141955.60	0.24924
578805.52	4141955.60	0.22537	578825.52	4141955.60	0.20428
578845.52	4141955.60	0.18585	578865.52	4141955.60	0.16958
578885.52	4141955.60	0.15508	578905.52	4141955.60	0.14198
578925.52	4141955.60	0.13010	578945.52	4141955.60	0.11943
578965.52	4141955.60	0.10992	578985.52	4141955.60	0.10153
579005.52	4141955.60	0.09418	579025.52	4141955.60	0.08776
579045.52	4141955.60	0.08216	579065.52	4141955.60	0.07726
579085.52	4141955.60	0.07297	579105.52	4141955.60	0.06922
579125.52	4141955.60	0.06591	579145.52	4141955.60	0.06298
579165.52	4141955.60	0.06037	579185.52	4141955.60	0.05803
578785.22	4141971.34	0.22566	578805.22	4141971.34	0.20507
578825.22	4141971.34	0.18688	578845.22	4141971.34	0.17088
578865.22	4141971.34	0.15657	578885.22		

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4141971.34        0.14384
         578905.22    4141971.34        0.13217                        578925.22
4141971.34        0.12153
         578945.22    4141971.34        0.11194                        578965.22
4141971.34        0.10333
         578985.22    4141971.34        0.09566                        579005.22
4141971.34        0.08890
         579025.22    4141971.34        0.08295                        579045.22
4141971.34        0.07772
         579065.22    4141971.34        0.07313                        579085.22
4141971.34        0.06910
         579105.22    4141971.34        0.06553                        579125.22
4141971.34        0.06239
         579145.22    4141971.34        0.05960                        579165.22
4141971.34        0.05713
         579185.22    4141971.34        0.05490                        578790.01
4141986.40        0.20155
         578810.01    4141986.40        0.18405                        578830.01
4141986.40        0.16862
         578850.01    4141986.40        0.15490                        578870.01
4141986.40        0.14262
         578890.01    4141986.40        0.13148                        578910.01
4141986.40        0.12123
         578930.01    4141986.40        0.11185                        578950.01
4141986.40        0.10337
         578970.01    4141986.40        0.09573                        578990.01
4141986.40        0.08889
         579010.01    4141986.40        0.08281                        579030.01
4141986.40        0.07744
         579050.01    4141986.40        0.07270                        579070.01
4141986.40        0.06852
         579090.01    4141986.40        0.06483                        579110.01
4141986.40        0.06155
         579130.01    4141986.40        0.05864                        579150.01
4141986.40        0.05606
         579170.01    4141986.40        0.05376                        579190.01
4141986.40        0.05168
         578810.54    4142001.46        0.16927                        578830.54
4142001.46        0.15573
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 545
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP23  ***
                                    INCLUDING SOURCE(S):     PAV1_0      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.14358	578870.54	4142001.46	0.13268
578890.54	4142001.46	0.12270	578910.54	4142001.46	0.11349
578930.54	4142001.46	0.10503	578950.54	4142001.46	0.09732
578970.54	4142001.46	0.09035	578990.54	4142001.46	0.08408
579010.54	4142001.46	0.07848	579030.54	4142001.46	0.07348
579050.54	4142001.46	0.06905	579070.54	4142001.46	0.06513
579090.54	4142001.46	0.06165	579110.54	4142001.46	0.05855
579130.54	4142001.46	0.05579	579150.54	4142001.46	0.05334
579170.54	4142001.46	0.05114	579190.54	4142001.46	0.04916

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

- -
578385.01 4141176.41 0.07194 578405.01
4141176.41 0.08160
578425.01 4141176.41 0.09347 578445.01
4141176.41 0.10834
578465.01 4141176.41 0.12631 578485.01
4141176.41 0.14918
578505.01 4141176.41 0.17859 578525.01
4141176.41 0.21493
578545.01 4141176.41 0.26054 578565.01
4141176.41 0.31488
578585.01 4141176.41 0.38111 578605.01
4141176.41 0.46076
578625.01 4141176.41 0.55568 578645.01
4141176.41 0.67222
578665.01 4141176.41 0.82081 578685.01
4141176.41 1.01377
578705.01 4141176.41 1.25804 578725.01
4141176.41 1.57258
578745.01 4141176.41 1.97587 578765.01
4141176.41 2.45809
578785.01 4141176.41 3.01309 578805.01
4141176.41 3.59358
578825.01 4141176.41 4.14024 578845.01
4141176.41 4.57296
578865.01 4141176.41 4.80089 578885.01
4141176.41 4.81683
578905.01 4141176.41 4.63077 578925.01
4141176.41 4.30121
578945.01 4141176.41 3.89958 578965.01
4141176.41 3.47458
578985.01 4141176.41 3.07086 579005.01
4141176.41 2.70134
579025.01 4141176.41 2.37606 579045.01
4141176.41 2.08651
579065.01 4141176.41 1.82565 579085.01
4141176.41 1.58985
579105.01 4141176.41 1.38235 579125.01
4141176.41 1.20321
579145.01 4141176.41 1.05096 579165.01
4141176.41 0.92235
579185.01 4141176.41 0.81708 579205.01
4141176.41 0.72847
579225.01 4141176.41 0.65435 578385.01
4141196.41 0.07090
578405.01 4141196.41 0.08047 578425.01
4141196.41 0.09222
578445.01 4141196.41 0.10659 578465.01
4141196.41 0.12459
578485.01 4141196.41 0.14746 578505.01

4141196.41 0.17657
578525.01 4141196.41 0.21385 578545.01
4141196.41 0.26070
578565.01 4141196.41 0.31878 578585.01
4141196.41 0.38956
578605.01 4141196.41 0.47478 578625.01
4141196.41 0.57904
578645.01 4141196.41 0.71162 578665.01
4141196.41 0.88209
578685.01 4141196.41 1.09601 578705.01
4141196.41 1.37377
578725.01 4141196.41 1.73624 578745.01
4141196.41 2.20277
578765.01 4141196.41 2.77774 578785.01
4141196.41 3.42352
578805.01 4141196.41 4.09795 578825.01
4141196.41 4.70813
578845.01 4141196.41 5.16449 578865.01
4141196.41 5.38159
578885.01 4141196.41 5.31775 578905.01
4141196.41 5.03081
578925.01 4141196.41 4.60137 578945.01
4141196.41 4.11394
578965.01 4141196.41 3.63152 578985.01
4141196.41 3.17759
579005.01 4141196.41 2.77933 579025.01
4141196.41 2.42961
579045.01 4141196.41 2.11274 579065.01
4141196.41 1.83224
579085.01 4141196.41 1.57969 579105.01
4141196.41 1.36264

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

Y-COORD (M)   CONC

- -

579125.01   4141196.41   1.18082   579145.01
4141196.41   1.03162
579165.01   4141196.41   0.90751   579185.01
4141196.41   0.80447
579205.01   4141196.41   0.71927   579225.01
4141196.41   0.64798
579245.01   4141196.41   0.58754   578385.01
4141216.41   0.06971
578405.01   4141216.41   0.07924   578425.01
4141216.41   0.09077
578445.01   4141216.41   0.10492   578465.01
4141216.41   0.12273
578485.01   4141216.41   0.14532   578505.01
4141216.41   0.17411
578525.01   4141216.41   0.21205   578545.01
4141216.41   0.26024
578565.01   4141216.41   0.32112   578585.01
4141216.41   0.39688
578605.01   4141216.41   0.48921   578625.01
4141216.41   0.60522
578645.01   4141216.41   0.75449   578665.01
4141216.41   0.94240
578685.01   4141216.41   1.18752   578705.01
4141216.41   1.50536
578725.01   4141216.41   1.92535   578745.01
4141216.41   2.47315
578765.01   4141216.41   3.15375   578785.01
4141216.41   3.92478
578805.01   4141216.41   4.70456   578825.01
4141216.41   5.39328
578845.01   4141216.41   5.86784   578925.01
4141216.41   4.90621
578945.01   4141216.41   4.32255   578965.01
4141216.41   3.78680
578985.01   4141216.41   3.29426   579005.01
4141216.41   2.85707
579025.01   4141216.41   2.46724   579045.01
4141216.41   2.12297
579065.01   4141216.41   1.82255   579085.01
4141216.41   1.55987
579105.01   4141216.41   1.33919   579125.01
4141216.41   1.16024
579145.01   4141216.41   1.01447   579165.01
4141216.41   0.89394
579185.01   4141216.41   0.79517   579205.01
4141216.41   0.71341
579225.01   4141216.41   0.64456   579245.01

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4141216.41        0.58439
         578385.01    4141236.41        0.06822                        578405.01
4141236.41        0.07788
         578425.01    4141236.41        0.08924                        578445.01
4141236.41        0.10320
         578465.01    4141236.41        0.12067                        578485.01
4141236.41        0.14287
         578505.01    4141236.41        0.17216                        578525.01
4141236.41        0.21017
         578545.01    4141236.41        0.25851                        578565.01
4141236.41        0.32164
         578585.01    4141236.41        0.40263                        578605.01
4141236.41        0.50268
         578625.01    4141236.41        0.62941                        578645.01
4141236.41        0.79381
         578665.01    4141236.41        1.00627                        578685.01
4141236.41        1.28687
         578705.01    4141236.41        1.65760                        578725.01
4141236.41        2.15179
         578745.01    4141236.41        2.79612                        578765.01
4141236.41        3.60125
         578785.01    4141236.41        4.53038                        578805.01
4141236.41        5.44644
         578825.01    4141236.41        6.22689                        578945.01
4141236.41        4.53856
         578965.01    4141236.41        3.92599                        578985.01
4141236.41        3.39800
         579005.01    4141236.41        2.91537                        579025.01
4141236.41        2.48916
         579045.01    4141236.41        2.11680                        579065.01
4141236.41        1.79835
         579085.01    4141236.41        1.53487                        579105.01
4141236.41        1.31716
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP24  ***
                                    INCLUDING SOURCE(S):     PAV1_0D     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
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```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579125.01	4141236.41	1.14155	579145.01	4141236.41	0.99964
579165.01	4141236.41	0.88483	579185.01	4141236.41	0.78957
579205.01	4141236.41	0.70950	579225.01	4141236.41	0.64137
579245.01	4141236.41	0.58089	578385.01	4141256.41	0.06670
578405.01	4141256.41	0.07625	578425.01	4141256.41	0.08772
578445.01	4141256.41	0.10145	578465.01	4141256.41	0.11851
578485.01	4141256.41	0.14036	578505.01	4141256.41	0.16933
578525.01	4141256.41	0.20684	578545.01	4141256.41	0.25559
578565.01	4141256.41	0.32059	578585.01	4141256.41	0.40613
578605.01	4141256.41	0.51540	578625.01	4141256.41	0.65301
578645.01	4141256.41	0.83197	578665.01	4141256.41	1.07256
578685.01	4141256.41	1.39284	578705.01	4141256.41	1.83143
578725.01	4141256.41	2.41752	578745.01	4141256.41	3.19003
578765.01	4141256.41	4.15664	578785.01	4141256.41	5.26228
578805.01	4141256.41	6.36859	578965.01	4141256.41	4.06333
578985.01	4141256.41	3.47168	579005.01	4141256.41	2.95569
579025.01	4141256.41	2.49053	579045.01	4141256.41	2.09762
579065.01	4141256.41	1.77157	579085.01	4141256.41	1.50951
579105.01	4141256.41	1.29581	579125.01	4141256.41	1.12653
579145.01	4141256.41	0.99068	579165.01	4141256.41	0.87955
579185.01	4141256.41	0.78643	579205.01	4141256.41	0.70634
579225.01	4141256.41	0.63689	579245.01	4141256.41	0.57613
579265.01	4141256.41	0.52261	578385.01		

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4141276.41        0.06573
         578405.01    4141276.41        0.07457                        578425.01
4141276.41        0.08583
         578445.01    4141276.41        0.09970                        578465.01
4141276.41        0.11647
         578485.01    4141276.41        0.13789                        578505.01
4141276.41        0.16570
         578525.01    4141276.41        0.20275                        578545.01
4141276.41        0.25171
         578565.01    4141276.41        0.31739                        578585.01
4141276.41        0.40662
         578605.01    4141276.41        0.52292                        578625.01
4141276.41        0.67586
         578645.01    4141276.41        0.87361                        578665.01
4141276.41        1.14188
         578685.01    4141276.41        1.50986                        578705.01
4141276.41        2.02266
         578725.01    4141276.41        2.73632                        578745.01
4141276.41        3.67274
         578765.01    4141276.41        4.85912                        578785.01
4141276.41        6.19736
         578985.01    4141276.41        3.52742                        579005.01
4141276.41        2.96204
         579025.01    4141276.41        2.47917                        579045.01
4141276.41        2.07246
         579065.01    4141276.41        1.74820                        579085.01
4141276.41        1.48610
         579105.01    4141276.41        1.28178                        579125.01
4141276.41        1.11880
         579145.01    4141276.41        0.98698                        579165.01
4141276.41        0.87638
         579185.01    4141276.41        0.78210                        579205.01
4141276.41        0.70082
         579225.01    4141276.41        0.63030                        579245.01
4141276.41        0.56881
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 549
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP24  ***
                                    INCLUDING SOURCE(S):     PAV1_0D     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	0.51586	578385.01	4141296.41	0.06389
578405.01	4141296.41	0.07375	578425.01	4141296.41	0.08408
578445.01	4141296.41	0.09755	578465.01	4141296.41	0.11441
578485.01	4141296.41	0.13552	578505.01	4141296.41	0.16255
578525.01	4141296.41	0.19852	578545.01	4141296.41	0.24692
578565.01	4141296.41	0.31302	578585.01	4141296.41	0.40368
578605.01	4141296.41	0.52715	578625.01	4141296.41	0.69350
578645.01	4141296.41	0.91642	578665.01	4141296.41	1.21595
578685.01	4141296.41	1.63986	578705.01	4141296.41	2.24568
578725.01	4141296.41	3.10470	578745.01	4141296.41	4.27611
579005.01	4141296.41	2.94971	579025.01	4141296.41	2.45206
579045.01	4141296.41	2.04737	579065.01	4141296.41	1.72368
579085.01	4141296.41	1.47280	579105.01	4141296.41	1.27603
579125.01	4141296.41	1.11594	579145.01	4141296.41	0.98238
579165.01	4141296.41	0.87114	579185.01	4141296.41	0.77475
579205.01	4141296.41	0.69204	579225.01	4141296.41	0.62089
579245.01	4141296.41	0.55926	579265.01	4141296.41	0.50717
579285.01	4141296.41	0.46231	578385.01	4141316.41	0.06302
578405.01	4141316.41	0.07171	578425.01	4141316.41	0.08346
578445.01	4141316.41	0.09596	578465.01	4141316.41	0.11194
578485.01	4141316.41	0.13266	578505.01	4141316.41	0.15942
578525.01	4141316.41	0.19450	578545.01		

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4141316.41        0.24175
         578565.01    4141316.41        0.30755                       578585.01
4141316.41        0.39952
         578605.01    4141316.41        0.52876                       578625.01
4141316.41        0.70711
         578645.01    4141316.41        0.95489                       578665.01
4141316.41        1.29725
         578685.01    4141316.41        1.78605                       578705.01
4141316.41        2.50463
         578725.01    4141316.41        3.55463                       579025.01
4141316.41        2.42312
         579045.01    4141316.41        2.02537                       579065.01
4141316.41        1.71337
         579085.01    4141316.41        1.46959                       579105.01
4141316.41        1.27417
         579125.01    4141316.41        1.11182                       579145.01
4141316.41        0.97555
         579165.01    4141316.41        0.86138                       579185.01
4141316.41        0.76370
         579205.01    4141316.41        0.67994                       579225.01
4141316.41        0.60902
         579245.01    4141316.41        0.54933                       579265.01
4141316.41        0.49870
         579285.01    4141316.41        0.45516                       578385.01
4141336.41        0.06291
         578405.01    4141336.41        0.07104                       578425.01
4141336.41        0.08123
         578445.01    4141336.41        0.09451                       578465.01
4141336.41        0.11158
         578485.01    4141336.41        0.13025                       578505.01
4141336.41        0.15591
         578525.01    4141336.41        0.19023                       578545.01
4141336.41        0.23693
         578565.01    4141336.41        0.30097                       578585.01
4141336.41        0.39285
         578605.01    4141336.41        0.52584                       578625.01
4141336.41        0.71661
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 550
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP24  ***
                                    INCLUDING SOURCE(S):     PAV1_0D     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	0.98511	578665.01	4141336.41	1.37870
578685.01	4141336.41	1.94796	578705.01	4141336.41	2.81418
579025.01	4141336.41	2.41127	579045.01	4141336.41	2.01980
579065.01	4141336.41	1.71309	579085.01	4141336.41	1.46857
579105.01	4141336.41	1.26868	579125.01	4141336.41	1.10279
579145.01	4141336.41	0.96423	579165.01	4141336.41	0.84691
579185.01	4141336.41	0.74871	579205.01	4141336.41	0.66535
579225.01	4141336.41	0.59713	579245.01	4141336.41	0.53919
579265.01	4141336.41	0.49021	579285.01	4141336.41	0.44848
578385.01	4141356.41	0.06383	578405.01	4141356.41	0.07156
578425.01	4141356.41	0.08130	578445.01	4141356.41	0.09336
578465.01	4141356.41	0.10877	578485.01	4141356.41	0.12983
578505.01	4141356.41	0.15484	578525.01	4141356.41	0.18647
578545.01	4141356.41	0.23158	578565.01	4141356.41	0.29504
578585.01	4141356.41	0.38509	578605.01	4141356.41	0.51982
578625.01	4141356.41	0.71885	578645.01	4141356.41	1.01221
578665.01	4141356.41	1.45320	578685.01	4141356.41	2.12862
579025.01	4141356.41	2.41924	579045.01	4141356.41	2.02505
579065.01	4141356.41	1.71210	579085.01	4141356.41	1.46065
579105.01	4141356.41	1.25499	579125.01	4141356.41	1.08555
579145.01	4141356.41	0.94477	579165.01		

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4141356.41        0.82734
         579185.01    4141356.41        0.73069                        579205.01
4141356.41        0.65066
         579225.01    4141356.41        0.58444                        579245.01
4141356.41        0.52896
         579265.01    4141356.41        0.48209                        579285.01
4141356.41        0.44194
         579305.01    4141356.41        0.40703                        578385.01
4141376.41        0.06569
         578405.01    4141376.41        0.07311                        578425.01
4141376.41        0.08225
         578445.01    4141376.41        0.09390                        578465.01
4141376.41        0.10846
         578485.01    4141376.41        0.12692                        578505.01
4141376.41        0.15187
         578525.01    4141376.41        0.18579                        578545.01
4141376.41        0.22694
         578565.01    4141376.41        0.28854                        578585.01
4141376.41        0.37780
         578605.01    4141376.41        0.51177                        578625.01
4141376.41        0.71699
         578645.01    4141376.41        1.03349                        578665.01
4141376.41        1.52928
         578685.01    4141376.41        2.32419                        579005.01
4141376.41        2.94616
         579025.01    4141376.41        2.42862                        579045.01
4141376.41        2.02096
         579065.01    4141376.41        1.69921                        579085.01
4141376.41        1.44098
         579105.01    4141376.41        1.22987                        579125.01
4141376.41        1.05839
         579145.01    4141376.41        0.91878                        579165.01
4141376.41        0.80501
         579185.01    4141376.41        0.71190                        579205.01
4141376.41        0.63538
         579225.01    4141376.41        0.57223                        579245.01
4141376.41        0.51935
         579265.01    4141376.41        0.47414                        579285.01
4141376.41        0.43537
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 551
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP24  ***
                                    INCLUDING SOURCE(S):     PAV1_0D     ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	0.40149	578385.01	4141396.41	0.06848
578405.01	4141396.41	0.07549	578425.01	4141396.41	0.08402
578445.01	4141396.41	0.09498	578465.01	4141396.41	0.10933
578485.01	4141396.41	0.12738	578505.01	4141396.41	0.15036
578525.01	4141396.41	0.18303	578545.01	4141396.41	0.22376
578565.01	4141396.41	0.28223	578585.01	4141396.41	0.36799
578605.01	4141396.41	0.49961	578625.01	4141396.41	0.70916
578645.01	4141396.41	1.04777	578665.01	4141396.41	1.60088
579005.01	4141396.41	2.96677	579025.01	4141396.41	2.42346
579045.01	4141396.41	1.99904	579065.01	4141396.41	1.66705
579085.01	4141396.41	1.40437	579105.01	4141396.41	1.19405
579125.01	4141396.41	1.02628	579145.01	4141396.41	0.89097
579165.01	4141396.41	0.78147	579185.01	4141396.41	0.69282
579205.01	4141396.41	0.62051	579225.01	4141396.41	0.56028
579245.01	4141396.41	0.50943	579265.01	4141396.41	0.46577
579285.01	4141396.41	0.42796	579305.01	4141396.41	0.39458
578385.01	4141416.41	0.07170	578405.01	4141416.41	0.07871
578425.01	4141416.41	0.08730	578445.01	4141416.41	0.09797
578465.01	4141416.41	0.11138	578485.01	4141416.41	0.12877
578505.01	4141416.41	0.15082	578525.01		

4141416.41 0.18074
578545.01 4141416.41 0.22152 578565.01
4141416.41 0.27720
578585.01 4141416.41 0.35959 578605.01
4141416.41 0.48637
578625.01 4141416.41 0.69382 578645.01
4141416.41 1.04607
578665.01 4141416.41 1.66296 579025.01
4141416.41 2.39235
579045.01 4141416.41 1.95555 579065.01
4141416.41 1.61871
579085.01 4141416.41 1.35823 579105.01
4141416.41 1.15231
579125.01 4141416.41 0.99023 579145.01
4141416.41 0.86086
579165.01 4141416.41 0.75731 579185.01
4141416.41 0.67353
579205.01 4141416.41 0.60464 579225.01
4141416.41 0.54720
579245.01 4141416.41 0.49805 579265.01
4141416.41 0.45570
579285.01 4141416.41 0.41820 579305.01
4141416.41 0.38555
578385.01 4141436.41 0.07535 578405.01
4141436.41 0.08279
578425.01 4141436.41 0.09163 578445.01
4141436.41 0.10257
578465.01 4141436.41 0.11585 578485.01
4141436.41 0.13261
578505.01 4141436.41 0.15342 578525.01
4141436.41 0.18226
578545.01 4141436.41 0.22061 578565.01
4141436.41 0.27412
578585.01 4141436.41 0.35379 578605.01
4141436.41 0.47552
578625.01 4141436.41 0.67706 578645.01
4141436.41 1.03565
579025.01 4141436.41 2.32807 579045.01
4141436.41 1.89017
579065.01 4141436.41 1.55718 579085.01
4141436.41 1.30290

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	1.10486	579125.01	4141436.41	0.95092
579145.01	4141436.41	0.82959	579165.01	4141436.41	0.73229
579185.01	4141436.41	0.65315	579205.01	4141436.41	0.58758
579225.01	4141436.41	0.53222	579245.01	4141436.41	0.48456
579265.01	4141436.41	0.44282	579285.01	4141436.41	0.40627
579305.01	4141436.41	0.37380	579325.01	4141436.41	0.34477
578385.01	4141456.41	0.07929	578405.01	4141456.41	0.08726
578425.01	4141456.41	0.09663	578445.01	4141456.41	0.10799
578465.01	4141456.41	0.12164	578485.01	4141456.41	0.13869
578505.01	4141456.41	0.15901	578525.01	4141456.41	0.18773
578545.01	4141456.41	0.22336	578565.01	4141456.41	0.27545
578585.01	4141456.41	0.35202	578605.01	4141456.41	0.46820
578625.01	4141456.41	0.66160	578645.01	4141456.41	1.01748
579045.01	4141456.41	1.80183	579065.01	4141456.41	1.48177
579085.01	4141456.41	1.23778	579105.01	4141456.41	1.05194
579125.01	4141456.41	0.90893	579145.01	4141456.41	0.79648
579165.01	4141456.41	0.70543	579185.01	4141456.41	0.63064
579205.01	4141456.41	0.56788	579225.01	4141456.41	0.51447
579245.01	4141456.41	0.46776	579265.01		

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4141456.41        0.42709
         578385.01    4141476.41        0.08303                    578405.01
4141476.41        0.09174
         578425.01    4141476.41        0.10193                    578445.01
4141476.41        0.11386
         578465.01    4141476.41        0.12844                    578485.01
4141476.41        0.14662
         578505.01    4141476.41        0.16810                    578525.01
4141476.41        0.19779
         578545.01    4141476.41        0.23188                    578565.01
4141476.41        0.28210
         578585.01    4141476.41        0.35472                    578605.01
4141476.41        0.46609
         578625.01    4141476.41        0.65066                    578645.01
4141476.41        0.99615
         579065.01    4141476.41        1.39271                    579085.01
4141476.41        1.16805
         579105.01    4141476.41        0.99676                    579125.01
4141476.41        0.86476
         579145.01    4141476.41        0.76084                    579165.01
4141476.41        0.67622
         579185.01    4141476.41        0.60459                    579205.01
4141476.41        0.54431
         579225.01    4141476.41        0.49278                    578385.01
4141496.41        0.08642
         578405.01    4141496.41        0.09588                    578425.01
4141496.41        0.10686
         578445.01    4141496.41        0.11984                    578465.01
4141496.41        0.13558
         578485.01    4141496.41        0.15515                    578505.01
4141496.41        0.17831
         578525.01    4141496.41        0.21027                    578545.01
4141496.41        0.24605
         578565.01    4141496.41        0.29663                    578585.01
4141496.41        0.36840
         578605.01    4141496.41        0.47568                    578625.01
4141496.41        0.65046
         578645.01    4141496.41        0.97983                    579085.01
4141496.41        1.09708
         579105.01    4141496.41        0.94207                    579125.01
4141496.41        0.82042
         579145.01    4141496.41        0.72340                    579165.01
4141496.41        0.64361
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                  PAGE 553
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***

INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141496.41	0.57574	579205.01	4141496.41	0.51793
578385.01	4141516.41	0.08901	578405.01	4141516.41	0.09929
578425.01	4141516.41	0.11130	578445.01	4141516.41	0.12526
578465.01	4141516.41	0.14227	578485.01	4141516.41	0.16331
578505.01	4141516.41	0.18866	578525.01	4141516.41	0.22400
578545.01	4141516.41	0.26274	578565.01	4141516.41	0.31844
578585.01	4141516.41	0.39481	578605.01	4141516.41	0.50681
578625.01	4141516.41	0.68520	578645.01	4141516.41	1.00704
579085.01	4141516.41	1.02805	579105.01	4141516.41	0.88777
579125.01	4141516.41	0.77567	579145.01	4141516.41	0.68419
579165.01	4141516.41	0.60821	578385.01	4141536.41	0.09146
578405.01	4141536.41	0.10207	578425.01	4141536.41	0.11489
578445.01	4141536.41	0.13032	578465.01	4141536.41	0.14867
578485.01	4141536.41	0.17142	578505.01	4141536.41	0.19913
578525.01	4141536.41	0.23910	578545.01	4141536.41	0.28127
578565.01	4141536.41	0.34470	578585.01	4141536.41	0.43222
578605.01	4141536.41	0.56023	578625.01	4141536.41	0.76585
578645.01	4141536.41	1.12497	578665.01		

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4141536.41        1.86562
         579105.01    4141536.41        0.83288                      579125.01
4141536.41        0.72835
         579185.01    4141536.41        0.50928                      578385.01
4141556.41        0.09388
         578405.01    4141556.41        0.10509                      578425.01
4141556.41        0.11853
         578445.01    4141556.41        0.13498                      578465.01
4141556.41        0.15523
         578485.01    4141556.41        0.17999                      578505.01
4141556.41        0.21098
         578525.01    4141556.41        0.25425                      578545.01
4141556.41        0.30359
         578565.01    4141556.41        0.37679                      578585.01
4141556.41        0.48109
         578605.01    4141556.41        0.64072                      578625.01
4141556.41        0.90225
         578645.01    4141556.41        1.38210                      578665.01
4141556.41        2.41914
         578685.01    4141556.41        5.45414                      579165.01
4141556.41        0.52978
         579185.01    4141556.41        0.47329                      579205.01
4141556.41        0.42538
         578385.01    4141576.41        0.09689                      578405.01
4141576.41        0.10881
         578425.01    4141576.41        0.12330                      578445.01
4141576.41        0.14109
         578465.01    4141576.41        0.16286                      578485.01
4141576.41        0.19036
         578505.01    4141576.41        0.22602                      578525.01
4141576.41        0.27531
         578545.01    4141576.41        0.33563                      578565.01
4141576.41        0.42402
         578585.01    4141576.41        0.55558                      578605.01
4141576.41        0.76587
         578625.01    4141576.41        1.13326                      578645.01
4141576.41        1.85533
         578665.01    4141576.41        3.46576                      578685.01
4141576.41        7.49636
         578705.01    4141576.41       14.95262                      579145.01
4141576.41        0.54894
         579165.01    4141576.41        0.48751                      579185.01
4141576.41        0.43601
         579205.01    4141576.41        0.39238                      579225.01
4141576.41        0.35509
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	0.32292	579265.01	4141576.41	0.29506
578385.01	4141596.41	0.10096	578405.01	4141596.41	0.11420
578425.01	4141596.41	0.12997	578445.01	4141596.41	0.14973
578465.01	4141596.41	0.17424	578485.01	4141596.41	0.20562
578505.01	4141596.41	0.24771	578525.01	4141596.41	0.30558
578545.01	4141596.41	0.38153	578565.01	4141596.41	0.49666
578585.01	4141596.41	0.67302	578605.01	4141596.41	0.96323
578625.01	4141596.41	1.47632	578645.01	4141596.41	2.43599
578665.01	4141596.41	4.26048	578685.01	4141596.41	7.25021
578705.01	4141596.41	10.59928	578725.01	4141596.41	13.39071
578745.01	4141596.41	15.88882	579105.01	4141596.41	0.64627
579145.01	4141596.41	0.49863	579165.01	4141596.41	0.44368
579185.01	4141596.41	0.39763	579205.01	4141596.41	0.35860
579225.01	4141596.41	0.32518	579245.01	4141596.41	0.29632
579265.01	4141596.41	0.27128	579285.01	4141596.41	0.24911
579305.01	4141596.41	0.22988	579325.01	4141596.41	0.21275
579345.01	4141596.41	0.19757	578385.01		

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4141616.41        0.10635
         578405.01    4141616.41        0.12121                    578425.01
4141616.41        0.13937
         578445.01    4141616.41        0.16178                    578465.01
4141616.41        0.19023
         578485.01    4141616.41        0.22732                    578505.01
4141616.41        0.27784
         578525.01    4141616.41        0.35124                    578545.01
4141616.41        0.44730
         578565.01    4141616.41        0.59954                    578585.01
4141616.41        0.83377
         578605.01    4141616.41        1.21139                    578625.01
4141616.41        1.83092
         578645.01    4141616.41        2.82547                    578665.01
4141616.41        4.30284
         578685.01    4141616.41        6.04074                    578705.01
4141616.41        7.43713
         578725.01    4141616.41        8.15189                    578745.01
4141616.41        8.71707
         579065.01    4141616.41        0.77695                    579085.01
4141616.41        0.66417
         579105.01    4141616.41        0.57566                    579125.01
4141616.41        0.50484
         579165.01    4141616.41        0.39894                    579185.01
4141616.41        0.35868
         579205.01    4141616.41        0.32443                    579225.01
4141616.41        0.29502
         579245.01    4141616.41        0.26956                    579265.01
4141616.41        0.24739
         579285.01    4141616.41        0.22740                    579305.01
4141616.41        0.21043
         579325.01    4141616.41        0.19537                    579345.01
4141616.41        0.18182
         578385.01    4141636.41        0.11353                    578405.01
4141636.41        0.13024
         578425.01    4141636.41        0.15103                    578445.01
4141636.41        0.17747
         578465.01    4141636.41        0.21171                    578485.01
4141636.41        0.25660
         578505.01    4141636.41        0.31899                    578525.01
4141636.41        0.40813
         578545.01    4141636.41        0.53421                    578565.01
4141636.41        0.72368
         578585.01    4141636.41        1.00991                    578605.01
4141636.41        1.43423
         578625.01    4141636.41        2.05140                    578645.01
4141636.41        2.89955
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	3.89073	578685.01	4141636.41	4.77630
578705.01	4141636.41	5.28375	578725.01	4141636.41	5.42673
579045.01	4141636.41	0.79690	579065.01	4141636.41	0.67313
579085.01	4141636.41	0.57848	579105.01	4141636.41	0.50412
579125.01	4141636.41	0.44424	579165.01	4141636.41	0.35451
579185.01	4141636.41	0.32001	579205.01	4141636.41	0.29064
579225.01	4141636.41	0.26532	579245.01	4141636.41	0.24333
579265.01	4141636.41	0.22402	579285.01	4141636.41	0.20693
579305.01	4141636.41	0.19194	579325.01	4141636.41	0.17856
579345.01	4141636.41	0.16657	578385.01	4141656.41	0.12262
578405.01	4141656.41	0.14185	578425.01	4141656.41	0.16578
578445.01	4141656.41	0.19708	578465.01	4141656.41	0.23938
578485.01	4141656.41	0.29513	578505.01	4141656.41	0.37464
578525.01	4141656.41	0.48113	578545.01	4141656.41	0.63277
578565.01	4141656.41	0.84841	578585.01	4141656.41	1.15075
578605.01	4141656.41	1.56534	578625.01		

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4141656.41        2.10828
         578645.01    4141656.41        2.73224                    578665.01
4141656.41        3.32383
         578685.01    4141656.41        3.74244                    578705.01
4141656.41        3.87716
         578725.01    4141656.41        3.90188                    579005.01
4141656.41        0.98103
         579025.01    4141656.41        0.79874                    579045.01
4141656.41        0.66805
         579065.01    4141656.41        0.57034                    579085.01
4141656.41        0.49481
         579105.01    4141656.41        0.43479                    579125.01
4141656.41        0.38608
         579145.01    4141656.41        0.34579                    579185.01
4141656.41        0.28323
         579205.01    4141656.41        0.25857                    579225.01
4141656.41        0.23719
         579245.01    4141656.41        0.21854                    579265.01
4141656.41        0.20199
         579285.01    4141656.41        0.18739                    579305.01
4141656.41        0.17442
         579325.01    4141656.41        0.16269                    579345.01
4141656.41        0.15215
         578385.01    4141676.41        0.13386                    578405.01
4141676.41        0.15606
         578425.01    4141676.41        0.18451                    578445.01
4141676.41        0.22232
         578465.01    4141676.41        0.27370                    578485.01
4141676.41        0.34134
         578505.01    4141676.41        0.43599                    578525.01
4141676.41        0.55909
         578545.01    4141676.41        0.72570                    578565.01
4141676.41        0.94814
         578585.01    4141676.41        1.23917                    578605.01
4141676.41        1.60176
         578625.01    4141676.41        2.02312                    578645.01
4141676.41        2.44841
         578665.01    4141676.41        2.78133                    578685.01
4141676.41        2.94083
         578705.01    4141676.41        2.97676                    578985.01
4141676.41        0.95134
         579005.01    4141676.41        0.77040                    579025.01
4141676.41        0.64252
         579045.01    4141676.41        0.54794                    579065.01
4141676.41        0.47516
         579085.01    4141676.41        0.41767                    579105.01
4141676.41        0.37106
         579125.01    4141676.41        0.33259                    579145.01
4141676.41        0.30038
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	0.27310	579185.01	4141676.41	0.24961
579205.01	4141676.41	0.22920	579225.01	4141676.41	0.21138
579245.01	4141676.41	0.19574	579265.01	4141676.41	0.18184
579285.01	4141676.41	0.16936	579305.01	4141676.41	0.15815
579325.01	4141676.41	0.14822	579345.01	4141676.41	0.13919
578385.01	4141696.41	0.14752	578405.01	4141696.41	0.17382
578425.01	4141696.41	0.20851	578445.01	4141696.41	0.25467
578465.01	4141696.41	0.31414	578485.01	4141696.41	0.39133
578505.01	4141696.41	0.49555	578525.01	4141696.41	0.62888
578565.01	4141696.41	1.01012	578585.01	4141696.41	1.26933
578605.01	4141696.41	1.56476	578625.01	4141696.41	1.86632
578645.01	4141696.41	2.13527	578665.01	4141696.41	2.30803
578685.01	4141696.41	2.37271	578945.01	4141696.41	1.06734
578965.01	4141696.41	0.85161	578985.01	4141696.41	0.70103
579005.01	4141696.41	0.59133	579025.01		

4141696.41 0.50834
579045.01 4141696.41 0.44368 579065.01
4141696.41 0.39205
579085.01 4141696.41 0.34989 579105.01
4141696.41 0.31487
579125.01 4141696.41 0.28531 579145.01
4141696.41 0.26013
579165.01 4141696.41 0.23842 579185.01
4141696.41 0.21955
579205.01 4141696.41 0.20289 579225.01
4141696.41 0.18821
579245.01 4141696.41 0.17512 579265.01
4141696.41 0.16351
579285.01 4141696.41 0.15303 579305.01
4141696.41 0.14351
579325.01 4141696.41 0.13496 579345.01
4141696.41 0.12720
578385.01 4141716.41 0.16453 578405.01
4141716.41 0.19607
578425.01 4141716.41 0.23730 578445.01
4141716.41 0.28997
578465.01 4141716.41 0.35541 578485.01
4141716.41 0.43881
578505.01 4141716.41 0.54767 578525.01
4141716.41 0.68298
578605.01 4141716.41 1.47592 578625.01
4141716.41 1.68680
578645.01 4141716.41 1.85044 578665.01
4141716.41 1.93699
578685.01 4141716.41 1.97788 578905.01
4141716.41 1.05263
578925.01 4141716.41 0.83357 578945.01
4141716.41 0.69790
578965.01 4141716.41 0.59646 578985.01
4141716.41 0.51653
579005.01 4141716.41 0.45246 579025.01
4141716.41 0.40053
579045.01 4141716.41 0.35779 579065.01
4141716.41 0.32213
579085.01 4141716.41 0.29207 579105.01
4141716.41 0.26645
579125.01 4141716.41 0.24421 579145.01
4141716.41 0.22484
579165.01 4141716.41 0.20789 579185.01
4141716.41 0.19289
579205.01 4141716.41 0.17947 579225.01
4141716.41 0.16748
579245.01 4141716.41 0.15663 579265.01
4141716.41 0.14695
579285.01 4141716.41 0.13817 579305.01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579325.01	4141716.41	0.12284	579345.01	4141716.41	0.11619
578385.01	4141736.41	0.18475	578405.01	4141736.41	0.22176
578425.01	4141736.41	0.26790	578445.01	4141736.41	0.32398
578465.01	4141736.41	0.39294	578485.01	4141736.41	0.47876
578505.01	4141736.41	0.59010	578625.01	4141736.41	1.50868
578645.01	4141736.41	1.60282	578665.01	4141736.41	1.65455
578865.01	4141736.41	1.43481	578885.01	4141736.41	0.99092
578905.01	4141736.41	0.72954	578925.01	4141736.41	0.58487
578945.01	4141736.41	0.49839	578965.01	4141736.41	0.43782
578985.01	4141736.41	0.39047	579005.01	4141736.41	0.35124
579025.01	4141736.41	0.31801	579045.01	4141736.41	0.28957
579065.01	4141736.41	0.26509	579085.01	4141736.41	0.24384
579105.01	4141736.41	0.22526	579125.01	4141736.41	0.20877
579145.01	4141736.41	0.19411	579165.01		

4141736.41 0.18103
579185.01 4141736.41 0.16929 579205.01
4141736.41 0.15861
579225.01 4141736.41 0.14893 579245.01
4141736.41 0.14011
579265.01 4141736.41 0.13205 579285.01
4141736.41 0.12472
579305.01 4141736.41 0.11803 579325.01
4141736.41 0.11185
579345.01 4141736.41 0.10618 578385.01
4141756.41 0.20786
578405.01 4141756.41 0.24824 578425.01
4141756.41 0.29691
578445.01 4141756.41 0.35545 578465.01
4141756.41 0.42527
578485.01 4141756.41 0.51387 578845.01
4141756.41 1.30027
578865.01 4141756.41 0.94267 578885.01
4141756.41 0.71498
578905.01 4141756.41 0.55636 578925.01
4141756.41 0.45378
578945.01 4141756.41 0.38724 578965.01
4141756.41 0.34159
578985.01 4141756.41 0.30760 579005.01
4141756.41 0.28034
579025.01 4141756.41 0.25735 579045.01
4141756.41 0.23748
579065.01 4141756.41 0.22006 579085.01
4141756.41 0.20467
579105.01 4141756.41 0.19100 579125.01
4141756.41 0.17868
579145.01 4141756.41 0.16760 579165.01
4141756.41 0.15758
579185.01 4141756.41 0.14846 579205.01
4141756.41 0.14005
579225.01 4141756.41 0.13233 579245.01
4141756.41 0.12523
579265.01 4141756.41 0.11866 579285.01
4141756.41 0.11255
579305.01 4141756.41 0.10692 579325.01
4141756.41 0.10177
579345.01 4141756.41 0.09694 578385.01
4141776.41 0.23029
578405.01 4141776.41 0.27283 578425.01
4141776.41 0.32152
578445.01 4141776.41 0.37949 578465.01
4141776.41 0.44949
578485.01 4141776.41 0.53296 578825.01
4141776.41 1.15277
578845.01 4141776.41 0.88200 578865.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	0.37055	578945.01	4141776.41	0.31812
578965.01	4141776.41	0.28042	578985.01	4141776.41	0.25270
579005.01	4141776.41	0.23119	579025.01	4141776.41	0.21358
579045.01	4141776.41	0.19853	579065.01	4141776.41	0.18539
579085.01	4141776.41	0.17370	579105.01	4141776.41	0.16325
579125.01	4141776.41	0.15378	579145.01	4141776.41	0.14522
579165.01	4141776.41	0.13743	579185.01	4141776.41	0.13030
579205.01	4141776.41	0.12368	579225.01	4141776.41	0.11755
579245.01	4141776.41	0.11186	579265.01	4141776.41	0.10652
579285.01	4141776.41	0.10154	579305.01	4141776.41	0.09683
579325.01	4141776.41	0.09254	579345.01	4141776.41	0.08846
578405.01	4141796.41	0.29292	578425.01	4141796.41	0.34146
578445.01	4141796.41	0.39840	578465.01		

4141796.41 0.46772
578805.01 4141796.41 1.01187 578825.01
4141796.41 0.82045
578845.01 4141796.41 0.65240 578865.01
4141796.41 0.53435
578885.01 4141796.41 0.44147 578905.01
4141796.41 0.36708
578925.01 4141796.41 0.31142 578945.01
4141796.41 0.26987
578965.01 4141796.41 0.23863 578985.01
4141796.41 0.21486
579005.01 4141796.41 0.19641 579025.01
4141796.41 0.18169
579045.01 4141796.41 0.16939 579065.01
4141796.41 0.15883
579085.01 4141796.41 0.14952 579105.01
4141796.41 0.14118
579125.01 4141796.41 0.13362 579145.01
4141796.41 0.12676
579165.01 4141796.41 0.12052 579185.01
4141796.41 0.11479
579205.01 4141796.41 0.10948 579225.01
4141796.41 0.10455
579245.01 4141796.41 0.09992 579265.01
4141796.41 0.09564
579285.01 4141796.41 0.09152 579305.01
4141796.41 0.08767
579325.01 4141796.41 0.08405 579345.01
4141796.41 0.08063
578445.01 4141816.41 0.41396 578585.01
4141816.41 0.88828
578605.01 4141816.41 0.93359 578665.01
4141816.41 0.99921
578685.01 4141816.41 1.01897 578785.01
4141816.41 0.89076
578805.01 4141816.41 0.75645 578825.01
4141816.41 0.61949
578845.01 4141816.41 0.51127 578865.01
4141816.41 0.43143
578885.01 4141816.41 0.36490 578905.01
4141816.41 0.30968
578925.01 4141816.41 0.26685 578945.01
4141816.41 0.23363
578965.01 4141816.41 0.20769 578985.01
4141816.41 0.18722
579005.01 4141816.41 0.17097 579025.01
4141816.41 0.15795
579045.01 4141816.41 0.14729 579065.01
4141816.41 0.13831
579085.01 4141816.41 0.13053 579105.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579205.01	4141816.41	0.09740	579225.01	4141816.41	0.09335
579245.01	4141816.41	0.08952	579265.01	4141816.41	0.08594
579285.01	4141816.41	0.08259	579305.01	4141816.41	0.07946
579325.01	4141816.41	0.07642	579345.01	4141816.41	0.07355
578565.01	4141836.41	0.77342	578585.01	4141836.41	0.81466
578605.01	4141836.41	0.84844	578625.01	4141836.41	0.86713
578645.01	4141836.41	0.87622	578665.01	4141836.41	0.88413
578685.01	4141836.41	0.89194	578705.01	4141836.41	0.89717
578725.01	4141836.41	0.88927	578765.01	4141836.41	0.78808
578785.01	4141836.41	0.69289	578805.01	4141836.41	0.58593
578825.01	4141836.41	0.48963	578845.01	4141836.41	0.41617
578865.01	4141836.41	0.35869	578885.01		

4141836.41 0.30827
578905.01 4141836.41 0.26589 578925.01
4141836.41 0.23204
578945.01 4141836.41 0.20510 578965.01
4141836.41 0.18345
578985.01 4141836.41 0.16591 579005.01
4141836.41 0.15159
579025.01 4141836.41 0.13989 579045.01
4141836.41 0.13024
579065.01 4141836.41 0.12221 579085.01
4141836.41 0.11540
579105.01 4141836.41 0.10946 579125.01
4141836.41 0.10416
579145.01 4141836.41 0.09938 579165.01
4141836.41 0.09501
579185.01 4141836.41 0.09098 579205.01
4141836.41 0.08726
579225.01 4141836.41 0.08382 579245.01
4141836.41 0.08060
579265.01 4141836.41 0.07757 579285.01
4141836.41 0.07475
579305.01 4141836.41 0.07210 579325.01
4141836.41 0.06956
579345.01 4141836.41 0.06719 578565.01
4141856.41 0.71756
578585.01 4141856.41 0.74774 578605.01
4141856.41 0.76779
578625.01 4141856.41 0.77700 578645.01
4141856.41 0.77918
578665.01 4141856.41 0.77856 578685.01
4141856.41 0.77630
578705.01 4141856.41 0.76805 578725.01
4141856.41 0.74520
578745.01 4141856.41 0.70029 578765.01
4141856.41 0.63288
578785.01 4141856.41 0.55103 578805.01
4141856.41 0.46905
578825.01 4141856.41 0.40051 578845.01
4141856.41 0.34808
578865.01 4141856.41 0.30433 578885.01
4141856.41 0.26498
578905.01 4141856.41 0.23150 578925.01
4141856.41 0.20413
578945.01 4141856.41 0.18194 578965.01
4141856.41 0.16372
578985.01 4141856.41 0.14866 579005.01
4141856.41 0.13615
579025.01 4141856.41 0.12569 579045.01
4141856.41 0.11689
579065.01 4141856.41 0.10951 579085.01

4141856.41 0.10328
  579105.01 4141856.41 0.09794 579125.01 4141856.41 0.09328
  579145.01 4141856.41 0.08914 579165.01 4141856.41 0.08538
  579185.01 4141856.41 0.08192 579205.01 4141856.41 0.07872

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	0.07576	579245.01	4141856.41	0.07299
579265.01	4141856.41	0.07038	579285.01	4141856.41	0.06799
579305.01	4141856.41	0.06570	579325.01	4141856.41	0.06349
579345.01	4141856.41	0.06146	578545.01	4141876.41	0.63236
578565.01	4141876.41	0.66215	578585.01	4141876.41	0.68219
578605.01	4141876.41	0.69269	578625.01	4141876.41	0.69440
578645.01	4141876.41	0.69030	578665.01	4141876.41	0.68327
578685.01	4141876.41	0.67311	578705.01	4141876.41	0.65552
578725.01	4141876.41	0.62452	578745.01	4141876.41	0.57692
578765.01	4141876.41	0.51536	578785.01	4141876.41	0.44813
578805.01	4141876.41	0.38610	578825.01		

4141876.41 0.33623
578845.01 4141876.41 0.29683 578865.01
4141876.41 0.26230
578885.01 4141876.41 0.23093 578905.01
4141876.41 0.20385
578925.01 4141876.41 0.18134 578945.01
4141876.41 0.16278
578965.01 4141876.41 0.14729 578985.01
4141876.41 0.13431
579005.01 4141876.41 0.12337 579025.01
4141876.41 0.11408
579045.01 4141876.41 0.10614 579065.01
4141876.41 0.09934
579085.01 4141876.41 0.09353 579105.01
4141876.41 0.08855
579125.01 4141876.41 0.08428 579145.01
4141876.41 0.08056
579165.01 4141876.41 0.07725 579185.01
4141876.41 0.07423
579205.01 4141876.41 0.07146 579225.01
4141876.41 0.06888
579245.01 4141876.41 0.06647 579265.01
4141876.41 0.06421
579285.01 4141876.41 0.06211 579305.01
4141876.41 0.06012
579325.01 4141876.41 0.05819 579345.01
4141876.41 0.05642
578545.01 4141896.41 0.58749 578565.01
4141896.41 0.60798
578585.01 4141896.41 0.62007 578605.01
4141896.41 0.62353
578625.01 4141896.41 0.61914 578645.01
4141896.41 0.61009
578665.01 4141896.41 0.59816 578685.01
4141896.41 0.58237
578705.01 4141896.41 0.55923 578725.01
4141896.41 0.52517
578745.01 4141896.41 0.47961 578765.01
4141896.41 0.42620
578785.01 4141896.41 0.37229 578805.01
4141896.41 0.32523
578825.01 4141896.41 0.28784 578845.01
4141896.41 0.25705
578865.01 4141896.41 0.22916 578885.01
4141896.41 0.20354
578905.01 4141896.41 0.18118 578925.01
4141896.41 0.16242
578945.01 4141896.41 0.14672 578965.01
4141896.41 0.13343
578985.01 4141896.41 0.12211 579005.01

4141896.41 0.11249
579025.01 4141896.41 0.10428 579045.01
4141896.41 0.09717
579065.01 4141896.41 0.09097 579085.01
4141896.41 0.08558
579105.01 4141896.41 0.08088 579125.01
4141896.41 0.07686
579145.01 4141896.41 0.07338 579165.01
4141896.41 0.07035

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579185.01	4141896.41	0.06764	579205.01	4141896.41	0.06519
579225.01	4141896.41	0.06293	579245.01	4141896.41	0.06084
579265.01	4141896.41	0.05887	579285.01	4141896.41	0.05702
579305.01	4141896.41	0.05526	579325.01	4141896.41	0.05359
579345.01	4141896.41	0.05201	578565.01	4141916.41	0.55749
578585.01	4141916.41	0.56158	578605.01	4141916.41	0.55970
578625.01	4141916.41	0.55087	578645.01	4141916.41	0.53826
578665.01	4141916.41	0.52290	578685.01	4141916.41	0.50369
578705.01	4141916.41	0.47809	578725.01	4141916.41	0.44432
578745.01	4141916.41	0.40281	578765.01		

4141916.41 0.35784
578785.01 4141916.41 0.31506 578805.01
4141916.41 0.27909
578825.01 4141916.41 0.25013 578845.01
4141916.41 0.22535
578865.01 4141916.41 0.20232 578885.01
4141916.41 0.18104
578905.01 4141916.41 0.16239 578925.01
4141916.41 0.14656
578945.01 4141916.41 0.13312 578965.01
4141916.41 0.12160
578985.01 4141916.41 0.11166 579005.01
4141916.41 0.10313
579025.01 4141916.41 0.09581 579045.01
4141916.41 0.08947
579065.01 4141916.41 0.08389 579085.01
4141916.41 0.07894
579105.01 4141916.41 0.07456 579125.01
4141916.41 0.07072
579145.01 4141916.41 0.06740 579165.01
4141916.41 0.06452
579185.01 4141916.41 0.06199 578386.27
4141125.26 0.07473
578406.27 4141125.26 0.08493 578426.27
4141125.26 0.09708
578446.27 4141125.26 0.11216 578466.27
4141125.26 0.13157
578486.27 4141125.26 0.15508 578506.27
4141125.26 0.18394
578526.27 4141125.26 0.21768 578546.27
4141125.26 0.25763
578566.27 4141125.26 0.30426 578586.27
4141125.26 0.35938
578606.27 4141125.26 0.42533 578626.27
4141125.26 0.50097
578646.27 4141125.26 0.59354 578666.27
4141125.26 0.70863
578686.27 4141125.26 0.84858 578706.27
4141125.26 1.02443
578726.27 4141125.26 1.24862 578746.27
4141125.26 1.53345
578766.27 4141125.26 1.87499 578786.27
4141125.26 2.26347
578806.27 4141125.26 2.68271 578826.27
4141125.26 3.07817
578846.27 4141125.26 3.41320 578866.27
4141125.26 3.64986
578886.27 4141125.26 3.76181 578906.27
4141125.26 3.73718
578926.27 4141125.26 3.58305 578946.27

4141125.26 3.34403
  578966.27 4141125.26 3.05822 578986.27
4141125.26 2.76119
  579006.27 4141125.26 2.47665 579026.27
4141125.26 2.21695
  579046.27 4141125.26 1.97839 579066.27
4141125.26 1.75829
  579086.27 4141125.26 1.56099 579106.27
4141125.26 1.38425
  579126.27 4141125.26 1.22575 579146.27
4141125.26 1.08324

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	0.95629	579186.27	4141125.26	0.84773
579206.27	4141125.26	0.75574	578386.27	4141145.26	0.07389
578406.27	4141145.26	0.08392	578426.27	4141145.26	0.09631
578446.27	4141145.26	0.11105	578466.27	4141145.26	0.12972
578486.27	4141145.26	0.15372	578506.27	4141145.26	0.18286
578526.27	4141145.26	0.21858	578546.27	4141145.26	0.26053
578566.27	4141145.26	0.31077	578586.27	4141145.26	0.36942
578606.27	4141145.26	0.44033	578626.27	4141145.26	0.52593
578646.27	4141145.26	0.62834	578666.27		

4141145.26 0.75217
578686.27 4141145.26 0.90946 578706.27
4141145.26 1.11008
578726.27 4141145.26 1.37171 578746.27
4141145.26 1.69616
578766.27 4141145.26 2.08608 578786.27
4141145.26 2.53242
578806.27 4141145.26 3.00757 578826.27
4141145.26 3.45773
578846.27 4141145.26 3.81635 578866.27
4141145.26 4.05639
578886.27 4141145.26 4.13669 578906.27
4141145.26 4.05815
578926.27 4141145.26 3.84841 578946.27
4141145.26 3.54728
578966.27 4141145.26 3.20899 578986.27
4141145.26 2.87476
579006.27 4141145.26 2.56236 579026.27
4141145.26 2.27583
579046.27 4141145.26 2.01536 579066.27
4141145.26 1.78273
579086.27 4141145.26 1.57557 579106.27
4141145.26 1.38515
579126.27 4141145.26 1.21829 579146.27
4141145.26 1.06966
579166.27 4141145.26 0.94145 579186.27
4141145.26 0.83222
579206.27 4141145.26 0.74137 578723.62
4141929.59 0.40196
578743.62 4141929.59 0.36407 578763.62
4141929.59 0.32419
578783.62 4141929.59 0.28716 578803.62
4141929.59 0.25625
578823.62 4141929.59 0.23114 578843.62
4141929.59 0.20925
578863.62 4141929.59 0.18870 578883.62
4141929.59 0.16961
578903.62 4141929.59 0.15274 578923.62
4141929.59 0.13834
578943.62 4141929.59 0.12605 578963.62
4141929.59 0.11542
578983.62 4141929.59 0.10616 579003.62
4141929.59 0.09816
579023.62 4141929.59 0.09128 579043.62
4141929.59 0.08531
579063.62 4141929.59 0.08008 579083.62
4141929.59 0.07542
579103.62 4141929.59 0.07122 579123.62
4141929.59 0.06750
579143.62 4141929.59 0.06422 579163.62

4141929.59 0.06138
579183.62 4141929.59 0.05890 578725.67
4141942.60 0.35971
578745.67 4141942.60 0.32489 578765.67
4141942.60 0.28980
578785.67 4141942.60 0.25843 578805.67
4141942.60 0.23258
578825.67 4141942.60 0.21117 578845.67
4141942.60 0.19191
578865.67 4141942.60 0.17360 578885.67
4141942.60 0.15665
578905.67 4141942.60 0.14168 578925.67
4141942.60 0.12887

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578945.67	4141942.60	0.11787	578965.67	4141942.60	0.10827
578985.67	4141942.60	0.09984	579005.67	4141942.60	0.09248
579025.67	4141942.60	0.08613	579045.67	4141942.60	0.08064
579065.67	4141942.60	0.07582	579085.67	4141942.60	0.07150
579105.67	4141942.60	0.06760	579125.67	4141942.60	0.06408
579145.67	4141942.60	0.06094	579165.67	4141942.60	0.05819
579185.67	4141942.60	0.05579	578745.52	4141955.60	0.29474
578765.52	4141955.60	0.26398	578785.52		

4141955.60 0.23692
578805.52 4141955.60 0.21462 578825.52
4141955.60 0.19581
578845.52 4141955.60 0.17855 578865.52
4141955.60 0.16207
578885.52 4141955.60 0.14676 578905.52
4141955.60 0.13322
578925.52 4141955.60 0.12158 578945.52
4141955.60 0.11152
578965.52 4141955.60 0.10271 578985.52
4141955.60 0.09490
579005.52 4141955.60 0.08803 579025.52
4141955.60 0.08205
579045.52 4141955.60 0.07688 579065.52
4141955.60 0.07236
579085.52 4141955.60 0.06833 579105.52
4141955.60 0.06467
579125.52 4141955.60 0.06132 579145.52
4141955.60 0.05830
579165.52 4141955.60 0.05560 579185.52
4141955.60 0.05323
578785.22 4141971.34 0.21475 578805.22
4141971.34 0.19592
578825.22 4141971.34 0.17962 578845.22
4141971.34 0.16436
578865.22 4141971.34 0.14973 578885.22
4141971.34 0.13611
578905.22 4141971.34 0.12406 578925.22
4141971.34 0.11365
578945.22 4141971.34 0.10459 578965.22
4141971.34 0.09660
578985.22 4141971.34 0.08948 579005.22
4141971.34 0.08314
579025.22 4141971.34 0.07757 579045.22
4141971.34 0.07274
579065.22 4141971.34 0.06853 579085.22
4141971.34 0.06480
579105.22 4141971.34 0.06142 579125.22
4141971.34 0.05830
579145.22 4141971.34 0.05544 579165.22
4141971.34 0.05283
579185.22 4141971.34 0.05051 578790.01
4141986.40 0.19220
578810.01 4141986.40 0.17665 578830.01
4141986.40 0.16254
578850.01 4141986.40 0.14901 578870.01
4141986.40 0.13605
578890.01 4141986.40 0.12414 578910.01
4141986.40 0.11367
578930.01 4141986.40 0.10460 578950.01

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578850.54	4142001.46	0.13822	578870.54	4142001.46	0.12655
578890.54	4142001.46	0.11586	578910.54	4142001.46	0.10644
578930.54	4142001.46	0.09824	578950.54	4142001.46	0.09104
578970.54	4142001.46	0.08459	578990.54	4142001.46	0.07875
579010.54	4142001.46	0.07347	579030.54	4142001.46	0.06876
579050.54	4142001.46	0.06464	579070.54	4142001.46	0.06105
579090.54	4142001.46	0.05790	579110.54		

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                  *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
, BC1_1   , BC1_2   , GRADING   ,
                   PAV1_0   , ARCH   , HAUL0001   , HAUL0002   , HAUL0003
, HAUL0004   , HAUL0005   , HAUL0006   ,
                   HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011
, HAUL0012   , HAUL0013   , HAUL0014   ,
                   HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019
, HAUL0020   , HAUL0021   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         578385.01   4141176.41   1.16085   578405.01
4141176.41   1.28994
         578425.01   4141176.41   1.44459   578445.01
4141176.41   1.64035
         578465.01   4141176.41   1.85244   578485.01
4141176.41   2.11609
         578505.01   4141176.41   2.45172   578525.01
4141176.41   2.84269
         578545.01   4141176.41   3.34002   578565.01
4141176.41   3.90719
         578585.01   4141176.41   4.62082   578605.01
4141176.41   5.47457
         578625.01   4141176.41   6.47198   578645.01
4141176.41   7.68385
         578665.01   4141176.41   9.22477   578685.01
4141176.41   11.16378

578705.01 4141176.41 13.47872 578725.01
4141176.41 16.31435
578745.01 4141176.41 19.81583 578765.01
4141176.41 23.93920
578785.01 4141176.41 28.82703 578805.01
4141176.41 34.38628
578825.01 4141176.41 40.54412 578845.01
4141176.41 47.04465
578865.01 4141176.41 53.25933 578885.01
4141176.41 59.16995
578905.01 4141176.41 64.45409 578925.01
4141176.41 69.05485
578945.01 4141176.41 72.98166 578965.01
4141176.41 75.95084
578985.01 4141176.41 78.04548 579005.01
4141176.41 79.09337
579025.01 4141176.41 79.27374 579045.01
4141176.41 78.35428
579065.01 4141176.41 76.09710 579085.01
4141176.41 72.39046
579105.01 4141176.41 67.57095 579125.01
4141176.41 62.00117
579145.01 4141176.41 56.07573 579165.01
4141176.41 50.11147
579185.01 4141176.41 44.61579 579205.01
4141176.41 39.54727
579225.01 4141176.41 35.08541 578385.01
4141196.41 1.14539
578405.01 4141196.41 1.27212 578425.01
4141196.41 1.42494
578445.01 4141196.41 1.60912 578465.01
4141196.41 1.82883
578485.01 4141196.41 2.09553 578505.01
4141196.41 2.41960
578525.01 4141196.41 2.82222 578545.01
4141196.41 3.32172
578565.01 4141196.41 3.92701 578585.01
4141196.41 4.65795
578605.01 4141196.41 5.53418 578625.01
4141196.41 6.59162
578645.01 4141196.41 7.96599 578665.01
4141196.41 9.67239
578685.01 4141196.41 11.72840 578705.01
4141196.41 14.27553
578725.01 4141196.41 17.43786 578745.01
4141196.41 21.35765
578765.01 4141196.41 26.14741 578785.01
4141196.41 31.70648
578805.01 4141196.41 38.09784 578825.01
4141196.41 45.04271

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         578845.01    4141196.41       52.30774                       578865.01
4141196.41       59.43035
         578885.01    4141196.41       65.79857                       578905.01
4141196.41       71.46098
         578925.01    4141196.41       76.34567                       578945.01
4141196.41       80.38651
         578965.01    4141196.41       83.52271                       578985.01
4141196.41       85.41334
         579005.01    4141196.41       86.49678                       579025.01
4141196.41       86.61616
         579045.01    4141196.41       85.18068                       579065.01
4141196.41       82.28032
         579085.01    4141196.41       77.53505                       579105.01
4141196.41       71.59395
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 566
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                   HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                   HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         579125.01    4141196.41       64.99609                       579145.01
4141196.41       58.29703
         579165.01    4141196.41       51.70282                       579185.01
4141196.41       45.54596
         579205.01    4141196.41       40.09772                       579225.01
4141196.41       35.41047
         579245.01    4141196.41       31.46159                       578385.01
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4141216.41 1.13126
578405.01 4141216.41 1.25580 578425.01
4141216.41 1.40378
578445.01 4141216.41 1.58490 578465.01
4141216.41 1.80405
578485.01 4141216.41 2.06673 578505.01
4141216.41 2.38581
578525.01 4141216.41 2.79911 578545.01
4141216.41 3.30537
578565.01 4141216.41 3.92124 578585.01
4141216.41 4.68197
578605.01 4141216.41 5.60576 578625.01
4141216.41 6.76549
578645.01 4141216.41 8.24323 578665.01
4141216.41 10.05420
578685.01 4141216.41 12.33261 578705.01
4141216.41 15.14562
578725.01 4141216.41 18.68239 578745.01
4141216.41 23.13180
578765.01 4141216.41 28.63391 578785.01
4141216.41 35.13065
578805.01 4141216.41 42.44392 578825.01
4141216.41 50.39835
578845.01 4141216.41 58.56682 578925.01
4141216.41 84.58286
578945.01 4141216.41 88.65085 578965.01
4141216.41 92.12290
578985.01 4141216.41 94.25412 579005.01
4141216.41 95.22824
579025.01 4141216.41 94.78080 579045.01
4141216.41 92.74471
579065.01 4141216.41 88.91996 579085.01
4141216.41 83.05485
579105.01 4141216.41 75.86159 579125.01
4141216.41 68.19458
579145.01 4141216.41 60.47794 579165.01
4141216.41 53.03043
579185.01 4141216.41 46.34336 579205.01
4141216.41 40.58706
579225.01 4141216.41 35.75884 579245.01
4141216.41 31.63282
578385.01 4141236.41 1.11463 578405.01
4141236.41 1.24754
578425.01 4141236.41 1.39064 578445.01
4141236.41 1.56506
578465.01 4141236.41 1.77694 578485.01
4141236.41 2.03487
578505.01 4141236.41 2.36661 578525.01
4141236.41 2.78437
578545.01 4141236.41 3.27406 578565.01

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4141236.41        3.89959
         578585.01    4141236.41        4.69223                       578605.01
4141236.41        5.66219
         578625.01    4141236.41        6.88633                       578645.01
4141236.41        8.45791
         578665.01    4141236.41       10.43675                       578685.01
4141236.41       12.95327
         578705.01    4141236.41       16.11734                       578725.01
4141236.41       20.12699
         578745.01    4141236.41       25.16855                       578765.01
4141236.41       31.46526
         578785.01    4141236.41       39.12087                       578805.01
4141236.41       47.63491
         578825.01    4141236.41       56.83390                       578945.01
4141236.41       98.32219
         578965.01    4141236.41      101.60264                       578985.01
4141236.41      104.23255
         579005.01    4141236.41      104.99979                       579025.01
4141236.41      104.13813
         579045.01    4141236.41      101.23409                       579065.01
4141236.41       96.07260
         579085.01    4141236.41       89.03682                       579105.01
4141236.41       80.45280
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 567
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                   HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                   HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
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- -
- -
579125.01 4141236.41 71.34180 579145.01
4141236.41 62.39995
579165.01 4141236.41 54.24345 579185.01
4141236.41 47.05608
579205.01 4141236.41 40.97944 579225.01
4141236.41 35.98633
579245.01 4141236.41 31.73572 578385.01
4141256.41 1.10277
578405.01 4141256.41 1.23139 578425.01
4141256.41 1.37926
578445.01 4141256.41 1.54732 578465.01
4141256.41 1.75169
578485.01 4141256.41 2.00661 578505.01
4141256.41 2.33773
578525.01 4141256.41 2.74384 578545.01
4141256.41 3.23046
578565.01 4141256.41 3.86730 578585.01
4141256.41 4.68357
578605.01 4141256.41 5.71299 578625.01
4141256.41 6.99498
578645.01 4141256.41 8.64201 578665.01
4141256.41 10.80591
578685.01 4141256.41 13.57135 578705.01
4141256.41 17.17725
578725.01 4141256.41 21.74611 578745.01
4141256.41 27.56282
578765.01 4141256.41 34.86956 578785.01
4141256.41 43.74729
578805.01 4141256.41 53.95274 578965.01
4141256.41 112.74778
578985.01 4141256.41 115.16784 579005.01
4141256.41 116.37536
579025.01 4141256.41 114.83259 579045.01
4141256.41 110.94431
579065.01 4141256.41 104.28874 579085.01
4141256.41 95.47885
579105.01 4141256.41 84.96969 579125.01
4141256.41 74.29611
579145.01 4141256.41 64.24978 579165.01
4141256.41 55.32967
579185.01 4141256.41 47.71198 579205.01
4141256.41 41.32147
579225.01 4141256.41 36.08265 579245.01
4141256.41 31.80099
579265.01 4141256.41 28.28152 578385.01
4141276.41 1.12173
578405.01 4141276.41 1.21925 578425.01
4141276.41 1.36030

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         578445.01    4141276.41        1.53452                        578465.01
4141276.41        1.73226
         578485.01    4141276.41        1.98272                        578505.01
4141276.41        2.29182
         578525.01    4141276.41        2.68888                        578545.01
4141276.41        3.18493
         578565.01    4141276.41        3.81875                        578585.01
4141276.41        4.65097
         578605.01    4141276.41        5.71199                        578625.01
4141276.41        7.09291
         578645.01    4141276.41        8.84587                        578665.01
4141276.41       11.16619
         578685.01    4141276.41       14.22168                        578705.01
4141276.41       18.26479
         578725.01    4141276.41       23.60912                        578745.01
4141276.41       30.37624
         578765.01    4141276.41       39.04376                        578785.01
4141276.41       49.52590
         578985.01    4141276.41      128.11100                        579005.01
4141276.41      129.11068
         579025.01    4141276.41      127.58447                        579045.01
4141276.41      122.25270
         579065.01    4141276.41      113.71203                        579085.01
4141276.41      102.12448
         579105.01    4141276.41       89.61497                        579125.01
4141276.41       77.27355
         579145.01    4141276.41       66.09221                        579165.01
4141276.41       56.32223
         579185.01    4141276.41       48.14115                        579205.01
4141276.41       41.46698
         579225.01    4141276.41       36.09469                        579245.01
4141276.41       31.76622
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 568
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                   HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                   HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579265.01	4141276.41	28.35750	578385.01	4141296.41	1.10071
578405.01	4141296.41	1.24096	578425.01	4141296.41	1.35134
578445.01	4141296.41	1.51367	578465.01	4141296.41	1.71725
578485.01	4141296.41	1.96508	578505.01	4141296.41	2.26528
578525.01	4141296.41	2.64616	578545.01	4141296.41	3.13629
578565.01	4141296.41	3.76744	578585.01	4141296.41	4.59422
578605.01	4141296.41	5.68805	578625.01	4141296.41	7.13835
578645.01	4141296.41	9.04636	578665.01	4141296.41	11.53238
578685.01	4141296.41	14.90981	578705.01	4141296.41	19.48085
578725.01	4141296.41	25.62343	578745.01	4141296.41	33.75079
579005.01	4141296.41	144.36687	579025.01	4141296.41	142.27643
579045.01	4141296.41	135.32844	579065.01	4141296.41	123.58236
579085.01	4141296.41	109.30765	579105.01	4141296.41	94.45129
579125.01	4141296.41	80.23615	579145.01	4141296.41	67.53689
579165.01	4141296.41	57.04621	579185.01	4141296.41	48.35896
579205.01	4141296.41	41.45977	579225.01	4141296.41	36.02352
579245.01	4141296.41	31.69557	579265.01	4141296.41	28.40827
579285.01	4141296.41	25.84373	578385.01	4141316.41	1.10706
578405.01	4141316.41	1.21473	578425.01	4141316.41	1.37612
578445.01	4141316.41	1.51444	578465.01		

4141316.41 1.69615
  578485.01 4141316.41 1.93592 578505.01
4141316.41 2.24391
  578525.01 4141316.41 2.61972 578545.01
4141316.41 3.09390
  578565.01 4141316.41 3.71746 578585.01
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  578605.01 4141316.41 5.65558 578625.01
4141316.41 7.15350
  578645.01 4141316.41 9.19434 578665.01
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  578685.01 4141316.41 15.64996 578705.01
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  579045.01 4141316.41 150.09621 579065.01
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  579085.01 4141316.41 117.14785 579105.01
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  579125.01 4141316.41 82.89039 579145.01
4141316.41 68.79296
  579165.01 4141316.41 57.46618 579185.01
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  579205.01 4141316.41 41.34523 579225.01
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  579245.01 4141316.41 31.78399 579265.01
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  579285.01 4141316.41 26.29637 578385.01
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  578445.01 4141336.41 1.52018 578465.01
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  578485.01 4141336.41 1.92262 578505.01
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  578525.01 4141336.41 2.58181 578545.01
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  578565.01 4141336.41 3.66130 578585.01
4141336.41 4.47770
  578605.01 4141336.41 5.59899 578625.01
4141336.41 7.14847

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2
, BC1_1 , BC1_2 , GRADING ,
PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003
, HAUL0004 , HAUL0005 , HAUL0006 ,
HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011
, HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019
, HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578645.01	4141336.41	9.26335	578665.01	4141336.41	12.27829
578685.01	4141336.41	16.42008	578705.01	4141336.41	22.35526
579025.01	4141336.41	181.38704	579045.01	4141336.41	167.93561
579065.01	4141336.41	147.75561	579085.01	4141336.41	125.31857
579105.01	4141336.41	103.90768	579125.01	4141336.41	85.22242
579145.01	4141336.41	69.90656	579165.01	4141336.41	57.69945
579185.01	4141336.41	48.37684	579205.01	4141336.41	41.17194
579225.01	4141336.41	35.96953	579245.01	4141336.41	32.01137
579265.01	4141336.41	29.10785	579285.01	4141336.41	27.05393
578385.01	4141356.41	1.14778	578405.01	4141356.41	1.25004
578425.01	4141356.41	1.37489	578445.01	4141356.41	1.51939
578465.01	4141356.41	1.69829	578485.01	4141356.41	1.94896
578505.01	4141356.41	2.22176	578525.01	4141356.41	2.55229
578545.01	4141356.41	3.01064	578565.01	4141356.41	3.61762
578585.01	4141356.41	4.41556	578605.01	4141356.41	5.53526

578625.01 4141356.41 7.10028 578645.01
4141356.41 9.31787
578665.01 4141356.41 12.53798 578685.01
4141356.41 17.22786
579025.01 4141356.41 209.63144 579045.01
4141356.41 189.68758
579065.01 4141356.41 161.75715 579085.01
4141356.41 133.33466
579105.01 4141356.41 108.03187 579125.01
4141356.41 87.06332
579145.01 4141356.41 70.42425 579165.01
4141356.41 57.61526
579185.01 4141356.41 48.13893 579205.01
4141356.41 41.13993
579225.01 4141356.41 36.05561 579245.01
4141356.41 32.39519
579265.01 4141356.41 29.88630 579285.01
4141356.41 28.22939
579305.01 4141356.41 27.33912 578385.01
4141376.41 1.17889
578405.01 4141376.41 1.28821 578425.01
4141376.41 1.40817
578445.01 4141376.41 1.55350 578465.01
4141376.41 1.72513
578485.01 4141376.41 1.93098 578505.01
4141376.41 2.20600
578525.01 4141376.41 2.56771 578545.01
4141376.41 2.97621
578565.01 4141376.41 3.56798 578585.01
4141376.41 4.36554
578605.01 4141376.41 5.47068 578625.01
4141376.41 7.04556
578645.01 4141376.41 9.34480 578665.01
4141376.41 12.79145
578685.01 4141376.41 18.02515 579005.01
4141376.41 257.60891
579025.01 4141376.41 246.37533 579045.01
4141376.41 214.74145
579065.01 4141376.41 176.16389 579085.01
4141376.41 140.98320
579105.01 4141376.41 111.43663 579125.01
4141376.41 88.07197
579145.01 4141376.41 70.35007 579165.01
4141376.41 57.32149
579185.01 4141376.41 47.87052 579205.01
4141376.41 41.09794
579225.01 4141376.41 36.37382 579245.01
4141376.41 33.19352
579265.01 4141376.41 31.14855 579285.01
4141376.41 30.13306

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING ,
PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 ,
HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579305.01	4141376.41	30.03123	578385.01	4141396.41	1.22023
578405.01	4141396.41	1.32064	578425.01	4141396.41	1.43445
578445.01	4141396.41	1.57830	578465.01	4141396.41	1.75506
578485.01	4141396.41	1.96405	578505.01	4141396.41	2.21448
578525.01	4141396.41	2.56169	578545.01	4141396.41	2.96534
578565.01	4141396.41	3.52248	578585.01	4141396.41	4.28987
578605.01	4141396.41	5.37621	578625.01	4141396.41	6.96350
578645.01	4141396.41	9.34220	578665.01	4141396.41	12.99608
579005.01	4141396.41	315.84233	579025.01	4141396.41	295.97738
579045.01	4141396.41	242.65238	579065.01	4141396.41	189.80270
579085.01	4141396.41	147.44149	579105.01		

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4141396.41      114.06742
         579125.01    4141396.41       88.75016                    579145.01
4141396.41       70.11968
         579165.01    4141396.41       56.81523                    579185.01
4141396.41       47.56668
         579205.01    4141396.41       41.29517                    579225.01
4141396.41       37.14212
         579245.01    4141396.41       34.61629                    579265.01
4141396.41       33.36665
         579285.01    4141396.41       33.29028                    579305.01
4141396.41       34.42246
         578385.01    4141416.41        1.25465                    578405.01
4141416.41        1.35587
         578425.01    4141416.41        1.47652                    578445.01
4141416.41        1.61954
         578465.01    4141416.41        1.79004                    578485.01
4141416.41        1.99927
         578505.01    4141416.41        2.24690                    578525.01
4141416.41        2.56527
         578545.01    4141416.41        2.97531                    578565.01
4141416.41        3.50081
         578585.01    4141416.41        4.23563                    578605.01
4141416.41        5.28056
         578625.01    4141416.41        6.83663                    578645.01
4141416.41        9.23838
         578665.01    4141416.41       13.12264                    579025.01
4141416.41      361.47471
         579045.01    4141416.41      271.65807                    579065.01
4141416.41      203.10198
         579085.01    4141416.41      154.06818                    579105.01
4141416.41      116.39637
         579125.01    4141416.41       88.78002                    579145.01
4141416.41       69.31311
         579165.01    4141416.41       56.13653                    579185.01
4141416.41       47.43344
         579205.01    4141416.41       41.87486                    579225.01
4141416.41       38.64924
         579245.01    4141416.41       37.14094                    579265.01
4141416.41       37.17353
         579285.01    4141416.41       38.55887                    579305.01
4141416.41       42.27335
         578385.01    4141436.41        1.29135                    578405.01
4141436.41        1.39777
         578425.01    4141436.41        1.52159                    578445.01
4141436.41        1.67035
         578465.01    4141436.41        1.84362                    578485.01
4141436.41        2.05163
         578505.01    4141436.41        2.29339                    578525.01
4141436.41        2.61102
         578545.01    4141436.41        3.00299                    578565.01
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4141436.41 3.51222
 578585.01 4141436.41 4.22379 578605.01
4141436.41 5.22455
 578625.01 4141436.41 6.72595 578645.01
4141436.41 9.11359
 579025.01 4141436.41 436.84376 579045.01
4141436.41 298.77365
 579065.01 4141436.41 217.42599 579085.01
4141436.41 160.71027

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING ,
PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 ,
HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579105.01	4141436.41	117.69429	579125.01	4141436.41	87.74797
579145.01	4141436.41	68.07938	579165.01	4141436.41	55.54826
579185.01	4141436.41	47.85715	579205.01	4141436.41	43.49152
579225.01	4141436.41	41.61007	579245.01	4141436.41	41.83399
579265.01	4141436.41	44.02574	579285.01	4141436.41	40.17392
579305.01	4141436.41	29.39873	579325.01	4141436.41	31.42253

578385.01 4141456.41 1.33172 578405.01
4141456.41 1.44191
578425.01 4141456.41 1.56951 578445.01
4141456.41 1.72121
578465.01 4141456.41 1.89850 578485.01
4141456.41 2.11267
578505.01 4141456.41 2.35442 578525.01
4141456.41 2.68234
578545.01 4141456.41 3.05611 578565.01
4141456.41 3.56857
578585.01 4141456.41 4.26280 578605.01
4141456.41 5.22019
578625.01 4141456.41 6.65680 578645.01
4141456.41 8.99185
579045.01 4141456.41 320.84907 579065.01
4141456.41 233.74165
579085.01 4141456.41 165.82097 579105.01
4141456.41 116.79588
579125.01 4141456.41 85.44573 579145.01
4141456.41 66.62977
579165.01 4141456.41 55.55505 579185.01
4141456.41 49.50594
579205.01 4141456.41 46.94054 579225.01
4141456.41 47.42186
579245.01 4141456.41 41.05676 579265.01
4141456.41 43.62342
578385.01 4141476.41 1.37131 578405.01
4141476.41 1.48781
578425.01 4141476.41 1.62147 578445.01
4141476.41 1.77470
578465.01 4141476.41 1.95870 578485.01
4141476.41 2.18298
578505.01 4141476.41 2.43730 578525.01
4141476.41 2.77882
578545.01 4141476.41 3.14119 578565.01
4141476.41 3.64829
578585.01 4141476.41 4.32318 578605.01
4141476.41 5.26118
578625.01 4141476.41 6.64601 578645.01
4141476.41 8.90961
579065.01 4141476.41 251.15819 579085.01
4141476.41 168.50269
579105.01 4141476.41 113.37057 579125.01
4141476.41 82.18128
579145.01 4141476.41 65.61840 579165.01
4141476.41 57.09515
579185.01 4141476.41 53.32332 579205.01
4141476.41 53.79196
579225.01 4141476.41 44.65771 578385.01
4141496.41 1.41047

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         578405.01    4141496.41        1.53383                       578425.01
4141496.41        1.67344
         578445.01    4141496.41        1.83479                       578465.01
4141496.41        2.02668
         578485.01    4141496.41        2.25991                       578505.01
4141496.41        2.52579
         578525.01    4141496.41        2.88524                       578545.01
4141496.41        3.26015
         578565.01    4141496.41        3.76830                       578585.01
4141496.41        4.44247
         578605.01    4141496.41        5.36276                       578625.01
4141496.41        6.69944
         578645.01    4141496.41        8.88951                       579085.01
4141496.41      166.24381
         579105.01    4141496.41      107.93442                       579125.01
4141496.41       79.60636
         579145.01    4141496.41       66.52901                       579165.01
4141496.41       61.46227
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 572
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                  PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                  HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                  HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         579185.01    4141496.41       57.13759                       579205.01
4141496.41       44.15021
         578385.01    4141516.41        1.44303                       578405.01
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4141516.41 1.57559
578425.01 4141516.41 1.72632 578445.01
4141516.41 1.89569
578465.01 4141516.41 2.09752 578485.01
4141516.41 2.34108
578505.01 4141516.41 2.62293 578525.01
4141516.41 3.00788
578545.01 4141516.41 3.39904 578565.01
4141516.41 3.94282
578585.01 4141516.41 4.64091 578605.01
4141516.41 5.58638
578625.01 4141516.41 6.94926 578645.01
4141516.41 9.10775
579085.01 4141516.41 157.24557 579105.01
4141516.41 101.90531
579125.01 4141516.41 79.68917 579145.01
4141516.41 71.50977
579165.01 4141516.41 49.81768 578385.01
4141536.41 1.47929
578405.01 4141536.41 1.61411 578425.01
4141536.41 1.77274
578445.01 4141536.41 1.95885 578465.01
4141536.41 2.17244
578485.01 4141536.41 2.42921 578505.01
4141536.41 2.72935
578525.01 4141536.41 3.15296 578545.01
4141536.41 3.56189
578565.01 4141536.41 4.15851 578585.01
4141536.41 4.92424
578605.01 4141536.41 5.95200 578625.01
4141536.41 7.44761
578645.01 4141536.41 9.74733 578665.01
4141536.41 13.74896
579105.01 4141536.41 98.19971 579125.01
4141536.41 76.10901
579185.01 4141536.41 36.69038 578385.01
4141556.41 1.51778
578405.01 4141556.41 1.65857 578425.01
4141556.41 1.82244
578445.01 4141556.41 2.01750 578465.01
4141556.41 2.25003
578485.01 4141556.41 2.52310 578505.01
4141556.41 2.85062
578525.01 4141556.41 3.29334 578545.01
4141556.41 3.75701
578565.01 4141556.41 4.41488 578585.01
4141556.41 5.28014
578605.01 4141556.41 6.48633 578625.01
4141556.41 8.24166
578645.01 4141556.41 11.03061 578665.01

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4141556.41       16.02578
         578685.01    4141556.41       27.11919                       579165.01
4141556.41       37.71240
         579185.01    4141556.41       34.16645                       579205.01
4141556.41       29.75773
         578385.01    4141576.41        1.56225                       578405.01
4141576.41        1.70948
         578425.01    4141576.41        1.88327                       578445.01
4141576.41        2.08994
         578465.01    4141576.41        2.33291                       578485.01
4141576.41        2.62837
         578505.01    4141576.41        2.99524                       578525.01
4141576.41        3.47970
         578545.01    4141576.41        4.02404                       578565.01
4141576.41        4.77096
         578585.01    4141576.41        5.78315                       578605.01
4141576.41        7.22943
         578625.01    4141576.41        9.44013                       578645.01
4141576.41       13.15717
         578665.01    4141576.41       20.00507                       578685.01
4141576.41       34.09214
         578705.01    4141576.41       58.20017                       579145.01
4141576.41       41.43936
         579165.01    4141576.41       35.36740                       579185.01
4141576.41       28.80758
         579205.01    4141576.41       24.17138                       579225.01
4141576.41       20.78759
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***       15:03:32

                                   PAGE 573
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                  PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                  HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                  HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141576.41	18.23965	579265.01	4141576.41	16.43532
578385.01	4141596.41	1.61299	578405.01	4141596.41	1.77398
578425.01	4141596.41	1.95842	578445.01	4141596.41	2.18175
578465.01	4141596.41	2.44721	578485.01	4141596.41	2.77177
578505.01	4141596.41	3.18719	578525.01	4141596.41	3.72403
578545.01	4141596.41	4.36760	578565.01	4141596.41	5.26620
578585.01	4141596.41	6.49742	578605.01	4141596.41	8.28783
578625.01	4141596.41	11.07227	578645.01	4141596.41	15.66242
578665.01	4141596.41	23.52503	578685.01	4141596.41	35.93299
578705.01	4141596.41	51.36181	578725.01	4141596.41	68.45979
578745.01	4141596.41	88.59063	579105.01	4141596.41	49.57268
579145.01	4141596.41	33.48624	579165.01	4141596.41	27.62857
579185.01	4141596.41	23.36396	579205.01	4141596.41	20.16309
579225.01	4141596.41	17.71174	579245.01	4141596.41	15.83657
579265.01	4141596.41	14.47527	579285.01	4141596.41	13.39993
579305.01	4141596.41	12.93793	579325.01	4141596.41	12.98665
579345.01	4141596.41	14.08312	578385.01	4141616.41	1.67064
578405.01	4141616.41	1.84696	578425.01	4141616.41	2.05396
578445.01	4141616.41	2.29844	578465.01	4141616.41	2.59434
578485.01	4141616.41	2.95960	578505.01	4141616.41	3.42764
578525.01	4141616.41	4.06270	578545.01	4141616.41	4.80714
578565.01	4141616.41	5.89177	578585.01	4141616.41	7.38945

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         578605.01    4141616.41        9.57301                        578625.01
4141616.41       12.85425
         578645.01    4141616.41       17.77914                        578665.01
4141616.41       25.04902
         578685.01    4141616.41       34.62779                        578705.01
4141616.41       45.43709
         578725.01    4141616.41       56.85190                        578745.01
4141616.41       70.84864
         579065.01    4141616.41       54.02540                        579085.01
4141616.41       45.30958
         579105.01    4141616.41       38.14877                        579125.01
4141616.41       31.15780
         579165.01    4141616.41       22.22615                        579185.01
4141616.41       19.29876
         579205.01    4141616.41       16.99274                        579225.01
4141616.41       15.17272
         579245.01    4141616.41       13.76593                        579265.01
4141616.41       12.72139
         579285.01    4141616.41       11.86504                        579305.01
4141616.41       11.51905
         579325.01    4141616.41       11.62820                        579345.01
4141616.41       12.57278
         578385.01    4141636.41        1.74292                        578405.01
4141636.41        1.93496
         578425.01    4141636.41        2.16317                        578445.01
4141636.41        2.43981
         578465.01    4141636.41        2.77796                        578485.01
4141636.41        3.19178
         578505.01    4141636.41        3.72766                        578525.01
4141636.41        4.43444
         578545.01    4141636.41        5.34459                        578565.01
4141636.41        6.60850
         578585.01    4141636.41        8.38588                        578605.01
4141636.41       10.85963
         578625.01    4141636.41       14.31820                        578645.01
4141636.41       19.10854
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 574
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
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HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011
, HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019
, HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578665.01	4141636.41	25.26983	578685.01	4141636.41	32.60441
578705.01	4141636.41	40.66588	578725.01	4141636.41	49.44276
579045.01	4141636.41	52.73666	579065.01	4141636.41	43.06958
579085.01	4141636.41	34.38791	579105.01	4141636.41	28.41720
579125.01	4141636.41	24.02253	579165.01	4141636.41	18.11691
579185.01	4141636.41	16.00659	579205.01	4141636.41	14.33802
579225.01	4141636.41	13.00202	579245.01	4141636.41	11.96557
579265.01	4141636.41	11.16279	579285.01	4141636.41	10.58073
579305.01	4141636.41	10.33287	579325.01	4141636.41	10.42818
579345.01	4141636.41	11.09157	578385.01	4141656.41	1.83304
578405.01	4141656.41	2.04511	578425.01	4141656.41	2.29484
578445.01	4141656.41	2.60407	578465.01	4141656.41	2.99725
578485.01	4141656.41	3.47692	578505.01	4141656.41	4.11703
578525.01	4141656.41	4.90584	578545.01	4141656.41	5.96097
578565.01	4141656.41	7.38752	578585.01	4141656.41	9.31474
578605.01	4141656.41	11.91179	578625.01	4141656.41	15.38071
578645.01	4141656.41	19.70617	578665.01	4141656.41	24.84032
578685.01	4141656.41	30.79584	578705.01		

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4141656.41       37.04622
         578725.01    4141656.41       44.49725                       579005.01
4141656.41       58.65025
         579025.01    4141656.41       49.68014                       579045.01
4141656.41       38.36052
         579065.01    4141656.41       30.93224                       579085.01
4141656.41       25.71340
         579105.01    4141656.41       21.89556                       579125.01
4141656.41       18.99179
         579145.01    4141656.41       16.70263                       579185.01
4141656.41       13.36521
         579205.01    4141656.41       12.15939                       579225.01
4141656.41       11.18657
         579245.01    4141656.41       10.43591                       579265.01
4141656.41        9.80932
         579285.01    4141656.41        9.41419                       579305.01
4141656.41        9.28114
         579325.01    4141656.41        9.35842                       579345.01
4141656.41        9.87868
         578385.01    4141676.41        1.94145                       578405.01
4141676.41        2.17362
         578425.01    4141676.41        2.45375                       578445.01
4141676.41        2.80486
         578465.01    4141676.41        3.25393                       578485.01
4141676.41        3.80492
         578505.01    4141676.41        4.53877                       578525.01
4141676.41        5.43853
         578545.01    4141676.41        6.61607                       578565.01
4141676.41        8.15520
         578585.01    4141676.41       10.16173                       578605.01
4141676.41       12.72168
         578625.01    4141676.41       15.94601                       578645.01
4141676.41       19.83886
         578665.01    4141676.41       24.25906                       578685.01
4141676.41       28.99635
         578705.01    4141676.41       34.36260                       578985.01
4141676.41       54.31943
         579005.01    4141676.41       43.46708                       579025.01
4141676.41       34.19009
         579045.01    4141676.41       27.82195                       579065.01
4141676.41       23.22116
         579085.01    4141676.41       19.84950                       579105.01
4141676.41       17.25853
         579125.01    4141676.41       15.22897                       579145.01
4141676.41       13.61854
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING , PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579165.01	4141676.41	12.32788	579185.01	4141676.41	11.25675
579205.01	4141676.41	10.37274	579225.01	4141676.41	9.66004
579245.01	4141676.41	9.11636	579265.01	4141676.41	8.70775
579285.01	4141676.41	8.41774	579305.01	4141676.41	8.27995
579325.01	4141676.41	8.45330	579345.01	4141676.41	9.02037
578385.01	4141696.41	2.06661	578405.01	4141696.41	2.32605
578425.01	4141696.41	2.65047	578445.01	4141696.41	3.05945
578465.01	4141696.41	3.55600	578485.01	4141696.41	4.17089
578505.01	4141696.41	4.98123	578525.01	4141696.41	5.99219
578565.01	4141696.41	8.85252	578585.01	4141696.41	10.85999
578605.01	4141696.41	13.32109	578625.01	4141696.41	16.23845
578645.01	4141696.41	19.67686	578665.01	4141696.41	23.45308
578685.01	4141696.41	27.54335	578945.01	4141696.41	57.99500

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         578965.01    4141696.41       48.21922                    578985.01
4141696.41       37.81279
         579005.01    4141696.41       30.32940                    579025.01
4141696.41       24.92410
         579045.01    4141696.41       20.95512                    579065.01
4141696.41       17.97884
         579085.01    4141696.41       15.67692                    579105.01
4141696.41       13.87391
         579125.01    4141696.41       12.42213                    579145.01
4141696.41       11.26500
         579165.01    4141696.41       10.32226                    579185.01
4141696.41        9.54694
         579205.01    4141696.41        8.90253                    579225.01
4141696.41        8.38436
         579245.01    4141696.41        7.96685                    579265.01
4141696.41        7.69775
         579285.01    4141696.41        7.53239                    579305.01
4141696.41        7.45525
         579325.01    4141696.41        7.65931                    579345.01
4141696.41        8.16888
         578385.01    4141716.41        2.21551                    578405.01
4141716.41        2.51290
         578425.01    4141716.41        2.88473                    578445.01
4141716.41        3.33904
         578465.01    4141716.41        3.88146                    578485.01
4141716.41        4.55978
         578505.01    4141716.41        5.44431                    578525.01
4141716.41        6.54294
         578605.01    4141716.41       13.69410                    578625.01
4141716.41       16.38004
         578645.01    4141716.41       19.41648                    578665.01
4141716.41       22.66969
         578685.01    4141716.41       26.35263                    578905.01
4141716.41       58.02101
         578925.01    4141716.41       48.79778                    578945.01
4141716.41       40.21557
         578965.01    4141716.41       32.73182                    578985.01
4141716.41       26.81003
         579005.01    4141716.41       22.30098                    579025.01
4141716.41       18.91074
         579045.01    4141716.41       16.29531                    579065.01
4141716.41       14.24198
         579085.01    4141716.41       12.63157                    579105.01
4141716.41       11.35398
         579125.01    4141716.41       10.29959                    579145.01
4141716.41        9.43599
         579165.01    4141716.41        8.74387                    579185.01
4141716.41        8.16847
         579205.01    4141716.41        7.69441                    579225.01
4141716.41        7.31473
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING ,
PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 ,
HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579245.01	4141716.41	6.98622	579265.01	4141716.41	6.80888
579285.01	4141716.41	6.71482	579305.01	4141716.41	6.69251
579325.01	4141716.41	6.88501	579345.01	4141716.41	7.34770
578385.01	4141736.41	2.38897	578405.01	4141736.41	2.73082
578425.01	4141736.41	3.14229	578445.01	4141736.41	3.62859
578465.01	4141736.41	4.21923	578485.01	4141736.41	4.95561
578505.01	4141736.41	5.95069	578625.01	4141736.41	16.37380
578645.01	4141736.41	19.00872	578665.01	4141736.41	21.93355
578865.01	4141736.41	55.86063	578885.01	4141736.41	47.99810
578905.01	4141736.41	40.73054	578925.01	4141736.41	34.22604
578945.01	4141736.41	28.57507	578965.01		

4141736.41 23.83334
578985.01 4141736.41 20.08310 579005.01
4141736.41 17.14642
579025.01 4141736.41 14.84129 579045.01
4141736.41 13.00947
579065.01 4141736.41 11.55538 579085.01
4141736.41 10.38935
579105.01 4141736.41 9.44280 579125.01
4141736.41 8.65903
579145.01 4141736.41 8.01316 579165.01
4141736.41 7.48661
579185.01 4141736.41 7.05550 579205.01
4141736.41 6.70208
579225.01 4141736.41 6.42157 579245.01
4141736.41 6.20716
579265.01 4141736.41 6.05749 579285.01
4141736.41 6.01060
579305.01 4141736.41 6.08662 579325.01
4141736.41 6.28326
579345.01 4141736.41 6.72917 578385.01
4141756.41 2.59512
578405.01 4141756.41 2.96813 578425.01
4141756.41 3.41093
578445.01 4141756.41 3.94095 578465.01
4141756.41 4.57504
578485.01 4141756.41 5.39806 578845.01
4141756.41 45.85267
578865.01 4141756.41 40.69529 578885.01
4141756.41 35.31245
578905.01 4141756.41 30.17836 578925.01
4141756.41 25.54103
578945.01 4141756.41 21.56556 578965.01
4141756.41 18.32503
578985.01 4141756.41 15.72327 579005.01
4141756.41 13.65862
579025.01 4141756.41 12.00799 579045.01
4141756.41 10.67767
579065.01 4141756.41 9.59313 579085.01
4141756.41 8.70863
579105.01 4141756.41 7.98181 579125.01
4141756.41 7.38093
579145.01 4141756.41 6.88613 579165.01
4141756.41 6.48086
579185.01 4141756.41 6.15324 579205.01
4141756.41 5.88619
579225.01 4141756.41 5.68099 579245.01
4141756.41 5.53797
579265.01 4141756.41 5.45217 579285.01
4141756.41 5.42232
579305.01 4141756.41 5.49264 579325.01

4141756.41 5.72980
  579345.01 4141756.41 6.12713 578385.01
4141776.41 2.80849
  578405.01 4141776.41 3.21467 578425.01
4141776.41 3.67717
  578445.01 4141776.41 4.23391 578465.01
4141776.41 4.91738
  578485.01 4141776.41 5.76433 578825.01
4141776.41 37.59345
  578845.01 4141776.41 34.66824 578865.01
4141776.41 30.94232
  578885.01 4141776.41 26.98604 578905.01
4141776.41 23.24827

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING ,
PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 ,
HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
578925.01	4141776.41	19.88032	578945.01	4141776.41	17.00113
578965.01	4141776.41	14.62600	578985.01	4141776.41	12.74266
579005.01	4141776.41	11.22503	579025.01	4141776.41	9.98361
579045.01	4141776.41	8.95934	579065.01	4141776.41	8.12025

579085.01 4141776.41 7.42536 579105.01
4141776.41 6.85312
579125.01 4141776.41 6.37935 579145.01
4141776.41 5.98992
579165.01 4141776.41 5.67221 579185.01
4141776.41 5.41820
579205.01 4141776.41 5.21385 579225.01
4141776.41 5.06217
579245.01 4141776.41 4.96508 579265.01
4141776.41 4.91516
579285.01 4141776.41 4.92727 579305.01
4141776.41 4.97868
579325.01 4141776.41 5.22949 579345.01
4141776.41 5.59811
578405.01 4141796.41 3.45167 578425.01
4141796.41 3.94269
578445.01 4141796.41 4.52739 578465.01
4141796.41 5.27377
578805.01 4141796.41 31.31173 578825.01
4141796.41 29.56196
578845.01 4141796.41 26.96074 578865.01
4141796.41 24.22220
578885.01 4141796.41 21.26015 578905.01
4141796.41 18.44283
578925.01 4141796.41 15.94525 578945.01
4141796.41 13.80501
578965.01 4141796.41 12.04749 578985.01
4141796.41 10.62032
579005.01 4141796.41 9.44782 579025.01
4141796.41 8.47618
579045.01 4141796.41 7.66494 579065.01
4141796.41 6.99097
579085.01 4141796.41 6.43254 579105.01
4141796.41 5.97077
579125.01 4141796.41 5.58761 579145.01
4141796.41 5.27336
579165.01 4141796.41 5.01889 579185.01
4141796.41 4.81674
579205.01 4141796.41 4.65698 579225.01
4141796.41 4.54414
579245.01 4141796.41 4.46603 579265.01
4141796.41 4.45765
579285.01 4141796.41 4.46214 579305.01
4141796.41 4.54589
579325.01 4141796.41 4.73321 579345.01
4141796.41 5.05046
578445.01 4141816.41 4.83294 578585.01
4141816.41 12.13619
578605.01 4141816.41 13.67308 578665.01
4141816.41 18.85149

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         578685.01    4141816.41       20.71764                       578785.01
4141816.41       26.44019
         578805.01    4141816.41       25.48590                       578825.01
4141816.41       23.74724
         578845.01    4141816.41       21.59744                       578865.01
4141816.41       19.39695
         578885.01    4141816.41       17.13660                       578905.01
4141816.41       14.98740
         578925.01    4141816.41       13.09820                       578945.01
4141816.41       11.48407
         578965.01    4141816.41       10.14268                       578985.01
4141816.41        9.02937
         579005.01    4141816.41        8.10110                       579025.01
4141816.41        7.31946
         579045.01    4141816.41        6.66172                       579065.01
4141816.41        6.11100
         579085.01    4141816.41        5.65215                       579105.01
4141816.41        5.27056
         579125.01    4141816.41        4.95422                       579145.01
4141816.41        4.69513
         579165.01    4141816.41        4.48622                       579185.01
4141816.41        4.32244
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                   HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                   HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
579205.01 4141816.41 4.19571 579225.01
4141816.41 4.10980
579245.01 4141816.41 4.04923 579265.01
4141816.41 4.02355
579285.01 4141816.41 4.07114 579305.01
4141816.41 4.19345
579325.01 4141816.41 4.35825 579345.01
4141816.41 4.65323
578565.01 4141836.41 10.72941 578585.01
4141836.41 11.99918
578605.01 4141836.41 13.40974 578625.01
4141836.41 14.83933
578645.01 4141836.41 16.29153 578665.01
4141836.41 17.79248
578685.01 4141836.41 19.24371 578705.01
4141836.41 20.58336
578725.01 4141836.41 21.72411 578765.01
4141836.41 22.61634
578785.01 4141836.41 22.10624 578805.01
4141836.41 20.98384
578825.01 4141836.41 19.42082 578845.01
4141836.41 17.66733
578865.01 4141836.41 15.88284 578885.01
4141836.41 14.08403
578905.01 4141836.41 12.42904 578925.01
4141836.41 10.97221
578945.01 4141836.41 9.72804 578965.01
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578985.01 4141836.41 7.80033 579005.01
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579025.01 4141836.41 6.41080 579045.01
4141836.41 5.86721
579065.01 4141836.41 5.40908 579085.01
4141836.41 5.02579
579105.01 4141836.41 4.70555 579125.01
4141836.41 4.43959
579145.01 4141836.41 4.22268 579165.01
4141836.41 4.04840
579185.01 4141836.41 3.91211 579205.01
4141836.41 3.80986
579225.01 4141836.41 3.74309 579245.01
4141836.41 3.70673
579265.01 4141836.41 3.69237 579285.01
4141836.41 3.73997
579305.01 4141836.41 3.84998 579325.01
4141836.41 4.01318
579345.01 4141836.41 4.35506 578565.01
4141856.41 10.65587
578585.01 4141856.41 11.80864 578605.01

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4141856.41       13.01288
         578625.01    4141856.41       14.23213                       578645.01
4141856.41       15.44130
         578665.01    4141856.41       16.61754                       578685.01
4141856.41       17.69877
         578705.01    4141856.41       18.61913                       578725.01
4141856.41       19.27906
         578745.01    4141856.41       19.53651                       578765.01
4141856.41       19.32462
         578785.01    4141856.41       18.62507                       578805.01
4141856.41       17.50722
         578825.01    4141856.41       16.12144                       578845.01
4141856.41       14.68904
         578865.01    4141856.41       13.21002                       578885.01
4141856.41       11.77766
         578905.01    4141856.41       10.48265                       578925.01
4141856.41        9.34209
         578945.01    4141856.41        8.36555                       578965.01
4141856.41        7.53477
         578985.01    4141856.41        6.82381                       579005.01
4141856.41        6.21017
         579025.01    4141856.41        5.68021                       579045.01
4141856.41        5.22530
         579065.01    4141856.41        4.83926                       579085.01
4141856.41        4.51458
         579105.01    4141856.41        4.24227                       579125.01
4141856.41        4.01600
         579145.01    4141856.41        3.83165                       579165.01
4141856.41        3.68397
         579185.01    4141856.41        3.56791                       579205.01
4141856.41        3.48343
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 579
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                   HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                   HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579225.01	4141856.41	3.43275	579245.01	4141856.41	3.40667
579265.01	4141856.41	3.40893	579285.01	4141856.41	3.48001
579305.01	4141856.41	3.58693	579325.01	4141856.41	3.71291
579345.01	4141856.41	4.01051	578545.01	4141876.41	9.48530
578565.01	4141876.41	10.48043	578585.01	4141876.41	11.49131
578605.01	4141876.41	12.51683	578625.01	4141876.41	13.52925
578645.01	4141876.41	14.50341	578665.01	4141876.41	15.40207
578685.01	4141876.41	16.17189	578705.01	4141876.41	16.75104
578725.01	4141876.41	17.04220	578745.01	4141876.41	16.98808
578765.01	4141876.41	16.56029	578785.01	4141876.41	15.78641
578805.01	4141876.41	14.75295	578825.01	4141876.41	13.57553
578845.01	4141876.41	12.35139	578865.01	4141876.41	11.13702
578885.01	4141876.41	9.99783	578905.01	4141876.41	8.96806
578925.01	4141876.41	8.06270	578945.01	4141876.41	7.28507
578965.01	4141876.41	6.61471	578985.01	4141876.41	6.03269
579005.01	4141876.41	5.52416	579025.01	4141876.41	5.08033
579045.01	4141876.41	4.69629	579065.01	4141876.41	4.36794
579085.01	4141876.41	4.09017	579105.01	4141876.41	3.85579
579125.01	4141876.41	3.66108	579145.01	4141876.41	3.50246
579165.01	4141876.41	3.37620	579185.01	4141876.41	3.27667

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         579205.01    4141876.41        3.20630                      579225.01
4141876.41        3.16518
         579245.01    4141876.41        3.14838                      579265.01
4141876.41        3.15818
         579285.01    4141876.41        3.22681                      579305.01
4141876.41        3.32852
         579325.01    4141876.41        3.45630                      579345.01
4141876.41        3.73774
         578545.01    4141896.41        9.34195                      578565.01
4141896.41       10.21155
         578585.01    4141896.41       11.08728                      578605.01
4141896.41       11.95458
         578625.01    4141896.41       12.77400                      578645.01
4141896.41       13.52874
         578665.01    4141896.41       14.19192                      578685.01
4141896.41       14.70079
         578705.01    4141896.41       14.99191                      578725.01
4141896.41       15.03686
         578745.01    4141896.41       14.79452                      578765.01
4141896.41       14.26162
         578785.01    4141896.41       13.49185                      578805.01
4141896.41       12.55772
         578825.01    4141896.41       11.54803                      578845.01
4141896.41       10.51588
         578865.01    4141896.41        9.52124                      578885.01
4141896.41        8.59806
         578905.01    4141896.41        7.76645                      578925.01
4141896.41        7.03846
         578945.01    4141896.41        6.41072                      578965.01
4141896.41        5.86335
         578985.01    4141896.41        5.38060                      579005.01
4141896.41        4.95431
         579025.01    4141896.41        4.57958                      579045.01
4141896.41        4.25302
         579065.01    4141896.41        3.97163                      579085.01
4141896.41        3.73231
         579105.01    4141896.41        3.52910                      579125.01
4141896.41        3.36077
         579145.01    4141896.41        3.22289                      579165.01
4141896.41        3.11320
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***      15:03:32

                                   PAGE 580
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
```

```
                                  INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                  PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                  HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                  HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         579185.01    4141896.41        3.02733                       579205.01
4141896.41        2.96674
         579225.01    4141896.41        2.93292                       579245.01
4141896.41        2.92729
         579265.01    4141896.41        2.94382                       579285.01
4141896.41        3.00641
         579305.01    4141896.41        3.09820                       579325.01
4141896.41        3.25374
         579345.01    4141896.41        3.50551                       578565.01
4141916.41        9.89391
         578585.01    4141916.41       10.61410                       578605.01
4141916.41       11.33129
         578625.01    4141916.41       11.97936                       578645.01
4141916.41       12.54925
         578665.01    4141916.41       13.00471                       578685.01
4141916.41       13.29325
         578705.01    4141916.41       13.38852                       578725.01
4141916.41       13.26712
         578745.01    4141916.41       12.90377                       578765.01
4141916.41       12.34053
         578785.01    4141916.41       11.61408                       578805.01
4141916.41       10.78857
         578825.01    4141916.41        9.91882                       578845.01
4141916.41        9.05458
         578865.01    4141916.41        8.23242                       578885.01
4141916.41        7.47638
         578905.01    4141916.41        6.80245                       578925.01
4141916.41        6.21182
         578945.01    4141916.41        5.69403                       578965.01
4141916.41        5.24043
         578985.01    4141916.41        4.83562                       579005.01
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4141916.41        4.47500
         579025.01    4141916.41        4.15531                    579045.01
4141916.41        3.87560
         579065.01    4141916.41        3.63376                    579085.01
4141916.41        3.42651
         579105.01    4141916.41        3.24988                    579125.01
4141916.41        3.10267
         579145.01    4141916.41        2.98208                    579165.01
4141916.41        2.88619
         579185.01    4141916.41        2.81104                    578386.27
4141125.26        1.20992
         578406.27    4141125.26        1.34728                    578426.27
4141125.26        1.50248
         578446.27    4141125.26        1.68722                    578466.27
4141125.26        1.92323
         578486.27    4141125.26        2.19904                    578506.27
4141125.26        2.53080
         578526.27    4141125.26        2.90545                    578546.27
4141125.26        3.34968
         578566.27    4141125.26        3.87804                    578586.27
4141125.26        4.51247
         578606.27    4141125.26        5.28878                    578626.27
4141125.26        6.14921
         578646.27    4141125.26        7.19718                    578666.27
4141125.26        8.49084
         578686.27    4141125.26        9.96270                    578706.27
4141125.26       11.72072
         578726.27    4141125.26       13.88153                    578746.27
4141125.26       16.58368
         578766.27    4141125.26       19.71915                    578786.27
4141125.26       23.33860
         578806.27    4141125.26       27.50801                    578826.27
4141125.26       31.95930
         578846.27    4141125.26       36.64264                    578866.27
4141125.26       41.43815
         578886.27    4141125.26       46.19184                    578906.27
4141125.26       50.64730
         578926.27    4141125.26       54.47149                    578946.27
4141125.26       57.76729
         578966.27    4141125.26       60.46983                    578986.27
4141125.26       62.56080
         579006.27    4141125.26       63.98738                    579026.27
4141125.26       64.70611
         579046.27    4141125.26       64.43931                    579066.27
4141125.26       63.06386
         579086.27    4141125.26       60.83696                    579106.27
4141125.26       57.85364
         579126.27    4141125.26       54.22691                    579146.27
4141125.26       50.08249
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING , PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
579166.27	4141125.26	45.64397	579186.27	4141125.26	41.34434
579206.27	4141125.26	37.35319	578386.27	4141145.26	1.19307
578406.27	4141145.26	1.32822	578426.27	4141145.26	1.48921
578446.27	4141145.26	1.67027	578466.27	4141145.26	1.89114
578486.27	4141145.26	2.17921	578506.27	4141145.26	2.50952
578526.27	4141145.26	2.90769	578546.27	4141145.26	3.36061
578566.27	4141145.26	3.91483	578586.27	4141145.26	4.56618
578606.27	4141145.26	5.36284	578626.27	4141145.26	6.33854
578646.27	4141145.26	7.47026	578666.27	4141145.26	8.77088
578686.27	4141145.26	10.39312	578706.27	4141145.26	12.36902
578726.27	4141145.26	14.88298	578746.27	4141145.26	17.82501

578766.27 4141145.26 21.30641 578786.27
4141145.26 25.38358
578806.27 4141145.26 30.05359 578826.27
4141145.26 35.14251
578846.27 4141145.26 40.33613 578866.27
4141145.26 45.69448
578886.27 4141145.26 50.84788 578906.27
4141145.26 55.60241
578926.27 4141145.26 59.80328 578946.27
4141145.26 63.24553
578966.27 4141145.26 66.01133 578986.27
4141145.26 68.15980
579006.27 4141145.26 69.54175 579026.27
4141145.26 69.94543
579046.27 4141145.26 69.26502 579066.27
4141145.26 67.61807
579086.27 4141145.26 65.05850 579106.27
4141145.26 61.36606
579126.27 4141145.26 57.08779 579146.27
4141145.26 52.24989
579166.27 4141145.26 47.29549 579186.27
4141145.26 42.48464
579206.27 4141145.26 38.11746 578723.62
4141929.59 12.23993
578743.62 4141929.59 11.85398 578763.62
4141929.59 11.29734
578783.62 4141929.59 10.61410 578803.62
4141929.59 9.85666
578823.62 4141929.59 9.07248 578843.62
4141929.59 8.30226
578863.62 4141929.59 7.57127 578883.62
4141929.59 6.90207
578903.62 4141929.59 6.30500 578923.62
4141929.59 5.78130
578943.62 4141929.59 5.32142 578963.62
4141929.59 4.91332
578983.62 4141929.59 4.54776 579003.62
4141929.59 4.22046
579023.62 4141929.59 3.92915 579043.62
4141929.59 3.67298
579063.62 4141929.59 3.45078 579083.62
4141929.59 3.26009
579103.62 4141929.59 3.09767 579123.62
4141929.59 2.96072
579143.62 4141929.59 2.84809 579163.62
4141929.59 2.75833
579183.62 4141929.59 2.68803 578725.67
4141942.60 11.25976
578745.67 4141942.60 10.84091 578765.67
4141942.60 10.27927

                                *** THE PERIOD (78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
, BC1_1   , BC1_2   , GRADING   ,
                   PAV1_0   , ARCH   , HAUL0001   , HAUL0002   , HAUL0003
, HAUL0004   , HAUL0005   , HAUL0006   ,
                   HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011
, HAUL0012   , HAUL0013   , HAUL0014   ,
                   HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019
, HAUL0020   , HAUL0021   , . . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         578945.67   4141942.60   4.92326   578965.67
4141942.60   4.56246
         578985.67   4141942.60   4.23698   579005.67
4141942.60   3.94385
         579025.67   4141942.60   3.68264   579045.67
4141942.60   3.45275
         579065.67   4141942.60   3.25296   579085.67
4141942.60   3.08117
         579105.67   4141942.60   2.93513   579125.67
4141942.60   2.81233
         579145.67   4141942.60   2.71063   579165.67
4141942.60   2.62936
         579185.67   4141942.60   2.56633   578745.52

4141955.60 9.96986
578765.52 4141955.60 9.43232 578785.52
4141955.60 8.82089
578805.52 4141955.60 8.17853 578825.52
4141955.60 7.54010
578845.52 4141955.60 6.92653 578865.52
4141955.60 6.35385
578885.52 4141955.60 5.83539 578905.52
4141955.60 5.37518
578925.52 4141955.60 4.96923 578945.52
4141955.60 4.60853
578965.52 4141955.60 4.28421 578985.52
4141955.60 3.99021
579005.52 4141955.60 3.72401 579025.52
4141955.60 3.48552
579045.52 4141955.60 3.27517 579065.52
4141955.60 3.09209
579085.52 4141955.60 2.93461 579105.52
4141955.60 2.80026
579125.52 4141955.60 2.68735 579145.52
4141955.60 2.59382
579165.52 4141955.60 2.51828 579185.52
4141955.60 2.45963
578785.22 4141971.34 7.96986 578805.22
4141971.34 7.39493
578825.22 4141971.34 6.82899 578845.22
4141971.34 6.28995
578865.22 4141971.34 5.79094 578885.22
4141971.34 5.34118
578905.22 4141971.34 4.94142 578925.22
4141971.34 4.58734
578945.22 4141971.34 4.27047 578965.22
4141971.34 3.98368
578985.22 4141971.34 3.72247 579005.22
4141971.34 3.48482
579025.22 4141971.34 3.27093 579045.22
4141971.34 3.08112
579065.22 4141971.34 2.91547 579085.22
4141971.34 2.77295
579105.22 4141971.34 2.65149 579125.22
4141971.34 2.54872
579145.22 4141971.34 2.46406 579165.22
4141971.34 2.39422
579185.22 4141971.34 2.34142 578790.01
4141986.40 7.12343
578810.01 4141986.40 6.61142 578830.01
4141986.40 6.11296
578850.01 4141986.40 5.64526 578870.01
4141986.40 5.21782
578890.01 4141986.40 4.83452 578910.01

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4141986.40        4.49387
         578930.01    4141986.40        4.19013                        578950.01
4141986.40        3.91554
         578970.01    4141986.40        3.66471                        578990.01
4141986.40        3.43591
         579010.01    4141986.40        3.22737                        579030.01
4141986.40        3.03941
         579050.01    4141986.40        2.87294                        579070.01
4141986.40        2.72725
         579090.01    4141986.40        2.60179                        579110.01
4141986.40        2.49553
         579130.01    4141986.40        2.40644                        579150.01
4141986.40        2.33238
         579170.01    4141986.40        2.27169                        579190.01
4141986.40        2.22824
         578810.54    4142001.46        6.03357                        578830.54
4142001.46        5.59080
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                    PAGE 583
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE PERIOD ( 78888 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                   HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                   HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         578850.54    4142001.46        5.17839                        578870.54
4142001.46        4.80377
         578890.54    4142001.46        4.46793                        578910.54
4142001.46        4.16837
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	86.49372	(12010309)	578405.01	4141176.41	88.15959	(12010309)
578425.01	4141176.41	88.69293	(12010309)	578445.01	4141176.41	88.08799	(12010309)
578465.01	4141176.41	86.79980	(12010309)	578485.01	4141176.41	85.67814	(11122717)
578505.01	4141176.41	83.50807	(11122717)	578525.01	4141176.41	81.19184	(16020318)
578545.01	4141176.41	76.91012	(16020318)	578565.01	4141176.41	85.86279	(14112017)
578585.01	4141176.41	86.73130	(14112017)	578605.01	4141176.41	92.51093	(14112017)
578625.01	4141176.41	106.18180	(09012117)	578645.01	4141176.41	113.53353	(09012117)

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        578665.01   4141176.41      118.12273  (09012117)              578685.01
4141176.41      112.51120  (09012117)
        578705.01   4141176.41      113.07270  (09012117)              578725.01
4141176.41      111.52632  (09012117)
        578745.01   4141176.41      113.05471  (14121217)              578765.01
4141176.41      112.70498  (14121217)
        578785.01   4141176.41      115.20346  (14010318)              578805.01
4141176.41      117.95153  (14010318)
        578825.01   4141176.41      118.41727  (14010318)              578845.01
4141176.41      118.46451  (16120717)
        578865.01   4141176.41      119.13111  (16120717)              578885.01
4141176.41      120.50498  (09013118)
        578905.01   4141176.41      121.52138  (09013118)              578925.01
4141176.41      121.11017  (10120918)
        578945.01   4141176.41      120.93585  (09011617)              578965.01
4141176.41      123.10058  (09011617)
        578985.01   4141176.41      122.58493  (09011617)              579005.01
4141176.41      121.16251  (09012317)
        579025.01   4141176.41      121.56643  (10121417)              579045.01
4141176.41      122.44150  (10121417)
        579065.01   4141176.41      120.27594  (10121417)              579085.01
4141176.41      116.62868  (11112917)
        579105.01   4141176.41      116.28379  (12111418)              579125.01
4141176.41      115.71826  (09011017)
        579145.01   4141176.41      114.99765  (09011017)              579165.01
4141176.41      111.54517  (09011017)
        579185.01   4141176.41      109.55269  (12111417)              579205.01
4141176.41      105.73838  (12111417)
        579225.01   4141176.41      101.75629  (17121318)              578385.01
4141196.41       87.84891  (12010309)
        578405.01   4141196.41       90.92361  (12010309)              578425.01
4141196.41       92.85601  (12010309)
        578445.01   4141196.41       93.80598  (12010309)              578465.01
4141196.41       93.59821  (12010309)
        578485.01   4141196.41       92.21842  (12010309)              578505.01
4141196.41       90.69470  (11122717)
        578525.01   4141196.41       88.54304  (11122717)              578545.01
4141196.41       81.30964  (11122717)
        578565.01   4141196.41       82.11871  (16020318)              578585.01
4141196.41       87.33136  (14112017)
        578605.01   4141196.41       94.25739  (14112017)              578625.01
4141196.41      108.48519  (14112017)
        578645.01   4141196.41      107.75605  (09012117)              578665.01
4141196.41      113.90065  (09012117)
        578685.01   4141196.41      117.83333  (09012117)              578705.01
4141196.41      119.46610  (09012117)
        578725.01   4141196.41      118.78170  (09012117)              578745.01
4141196.41      118.70120  (14121217)
        578765.01   4141196.41      119.14661  (14121217)              578785.01
4141196.41      120.84769  (11010818)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578805.01	4141196.41	123.96794	(14010318)	578825.01	4141196.41	124.83230	(14010318)
578845.01	4141196.41	124.43157	(16120717)	578865.01	4141196.41	125.44242	(16120717)
578885.01	4141196.41	126.97115	(09013118)	578905.01	4141196.41	128.09173	(09013118)
578925.01	4141196.41	127.57083	(10120918)	578945.01	4141196.41	128.17704	(09011617)
578965.01	4141196.41	130.22428	(09011617)	578985.01	4141196.41	129.27034	(09011617)
579005.01	4141196.41	128.50093	(16010818)	579025.01	4141196.41	129.47064	(10121417)
579045.01	4141196.41	129.49337	(10121417)	579065.01	4141196.41	126.10147	(10121417)
579085.01	4141196.41	123.26019	(12111418)	579105.01	4141196.41	123.32550	(12111418)
579125.01	4141196.41	123.03979	(09011017)	579145.01	4141196.41	120.53794	(09011017)
579165.01	4141196.41	117.59942	(12111417)	579185.01	4141196.41	114.05841	(12111417)
579205.01	4141196.41	109.30424	(17121318)	579225.01	4141196.41	105.58703	(17121318)
579245.01	4141196.41	102.83492	(13110618)	578385.01	4141216.41	87.58719	(12010309)
578405.01	4141216.41	92.09463	(12010309)	578425.01	4141216.41	95.66984	(12010309)
578445.01	4141216.41	98.18725	(12010309)	578465.01	4141216.41	99.42363	(12010309)

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        578485.01   4141216.41       99.45636  (12010309)              578505.01
4141216.41       98.29438  (12010309)
        578525.01   4141216.41       96.24316  (11122717)              578545.01
4141216.41       88.80135  (11122717)
        578565.01   4141216.41       86.91763  (11122717)              578585.01
4141216.41       87.91435  (16020318)
        578605.01   4141216.41       95.49942  (14112017)              578625.01
4141216.41      102.64671  (14112017)
        578645.01   4141216.41      110.11582  (09012117)              578665.01
4141216.41      117.71148  (09012117)
        578685.01   4141216.41      123.12264  (09012117)              578705.01
4141216.41      125.99943  (09012117)
        578725.01   4141216.41      126.33283  (09012117)              578745.01
4141216.41      124.63439  (14121217)
        578765.01   4141216.41      125.92537  (14121217)              578785.01
4141216.41      126.98528  (11010818)
        578805.01   4141216.41      130.46352  (14010318)              578825.01
4141216.41      131.78846  (14010318)
        578845.01   4141216.41      130.94819  (16120717)              578925.01
4141216.41      134.57390  (10120918)
        578945.01   4141216.41      135.99537  (09011617)              578965.01
4141216.41      137.99730  (09011617)
        578985.01   4141216.41      136.75947  (09011617)              579005.01
4141216.41      136.82187  (16010818)
        579025.01   4141216.41      137.92284  (10121417)              579045.01
4141216.41      136.93149  (10121417)
        579065.01   4141216.41      132.54986  (11112917)              579085.01
4141216.41      131.96239  (12111418)
        579105.01   4141216.41      131.47284  (09011017)              579125.01
4141216.41      130.21012  (09011017)
        579145.01   4141216.41      126.43872  (12111417)              579165.01
4141216.41      123.35718  (12111417)
        579185.01   4141216.41      117.82625  (17121318)              579205.01
4141216.41      113.99039  (17121318)
        579225.01   4141216.41      110.57712  (13110618)              579245.01
4141216.41      107.02785  (13110618)
        578385.01   4141236.41       85.87379  (12010309)              578405.01
4141236.41       91.49940  (12010309)
        578425.01   4141236.41       96.71920  (12010309)              578445.01
4141236.41      100.91831  (12010309)
        578465.01   4141236.41      103.95338  (12010309)              578485.01
4141236.41      105.67184  (12010309)
        578505.01   4141236.41      105.79236  (12010309)              578525.01
4141236.41       98.18286  (12010309)
        578545.01   4141236.41       97.14558  (12010309)              578565.01
4141236.41       95.18935  (11122717)
        578585.01   4141236.41       93.17619  (11122717)              578605.01
4141236.41       96.08046  (14112017)
        578625.01   4141236.41      104.70248  (14112017)              578645.01
4141236.41      111.97801  (14112017)
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        578665.01   4141236.41      121.17791  (09012117)                578685.01
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        578705.01   4141236.41      132.68144  (09012117)                578725.01
4141236.41      134.24459  (09012117)
        578745.01   4141236.41      133.05467  (09012117)                578765.01
4141236.41      133.08261  (14121217)
        578785.01   4141236.41      133.60499  (11010818)                578805.01
4141236.41      137.55132  (14010318)
        578825.01   4141236.41      139.37558  (14010318)                578945.01
4141236.41      144.62277  (09011617)
        578965.01   4141236.41      146.41051  (09011617)                578985.01
4141236.41      144.98298  (09011617)
        579005.01   4141236.41      145.85203  (16010818)                579025.01
4141236.41      147.11694  (10121417)
        579045.01   4141236.41      144.88108  (10121417)                579065.01
4141236.41      140.45124  (12111418)
        579085.01   4141236.41      140.96161  (12111418)                579105.01
4141236.41      140.60222  (09011017)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
                                   INCLUDING SOURCE(S):     ARCH        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579125.01   4141236.41      136.88275  (09011017)                579145.01
4141236.41      133.76133  (12111417)
        579165.01   4141236.41      128.09066  (12111417)                579185.01
4141236.41      123.61406  (17121318)
        579205.01   4141236.41      119.34861  (13110618)                579225.01
4141236.41      115.44739  (13110618)
        579245.01   4141236.41      110.22307  (15011018)                578385.01
4141256.41       82.24253  (12010309)
        578405.01   4141256.41       89.23685  (12010309)                578425.01
4141256.41       95.70811  (12010309)
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        578445.01   4141256.41      101.69010  (12010309)              578465.01
4141256.41      106.68667  (12010309)
        578485.01   4141256.41      110.31951  (12010309)              578505.01
4141256.41      112.24158  (12010309)
        578525.01   4141256.41      105.23752  (12010309)              578545.01
4141256.41      105.61564  (12010309)
        578565.01   4141256.41      104.71601  (12010309)              578585.01
4141256.41      102.49070  (12010309)
        578605.01   4141256.41      100.19619  (11122717)              578625.01
4141256.41      106.10293  (14112017)
        578645.01   4141256.41      115.01877  (14112017)              578665.01
4141256.41      124.18920  (09012117)
        578685.01   4141256.41      133.20998  (09012117)              578705.01
4141256.41      139.44775  (09012117)
        578725.01   4141256.41      142.49215  (09012117)              578745.01
4141256.41      142.42308  (09012117)
        578765.01   4141256.41      140.79991  (14121217)              578785.01
4141256.41      140.97859  (14121217)
        578805.01   4141256.41      145.38495  (14010318)              578965.01
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        578985.01   4141256.41      154.02695  (16010818)              579005.01
4141256.41      156.06741  (10121417)
        579025.01   4141256.41      157.15263  (10121417)              579045.01
4141256.41      153.42972  (10121417)
        579065.01   4141256.41      151.65729  (12111418)              579085.01
4141256.41      151.53982  (09011017)
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        579185.01   4141256.41      129.48744  (13110618)              579205.01
4141256.41      125.08645  (13110618)
        579225.01   4141256.41      119.23411  (15011018)              579245.01
4141256.41      112.22861  (15011018)
        579265.01   4141256.41      104.20409  (15011018)              578385.01
4141276.41       72.14228  (12010309)
        578405.01   4141276.41       84.98767  (12010309)              578425.01
4141276.41       92.91966  (12010309)
        578445.01   4141276.41      100.25338  (12010309)              578465.01
4141276.41      107.15268  (12010309)
        578485.01   4141276.41      112.88169  (12010309)              578505.01
4141276.41      117.26084  (12010309)
        578525.01   4141276.41      119.99576  (12010309)              578545.01
4141276.41      113.36295  (12010309)
        578565.01   4141276.41      114.05557  (12010309)              578585.01
4141276.41      113.31148  (12010309)
        578605.01   4141276.41      110.97038  (12010309)              578625.01
4141276.41      108.08044  (11122717)
        578645.01   4141276.41      117.50410  (14112017)              578665.01
4141276.41      126.63563  (14112017)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578685.01	4141276.41	137.85199	(09012117)	578705.01	4141276.41	146.18239	(09012117)
578725.01	4141276.41	151.13581	(09012117)	578745.01	4141276.41	152.41775	(09012117)
578765.01	4141276.41	150.54844	(09012117)	578785.01	4141276.41	150.26536	(14121217)
578985.01	4141276.41	165.49354	(16010818)	579005.01	4141276.41	167.94233	(10121417)
579025.01	4141276.41	168.38552	(10121417)	579045.01	4141276.41	162.77553	(10121417)
579065.01	4141276.41	163.69755	(12111418)	579085.01	4141276.41	163.14113	(09011017)
579105.01	4141276.41	158.50443	(12111417)	579125.01	4141276.41	154.04881	(12111417)
579145.01	4141276.41	147.64700	(17121318)	579165.01	4141276.41	141.26872	(13110618)
579185.01	4141276.41	136.30665	(13110618)	579205.01	4141276.41	129.60867	(15011018)
579225.01	4141276.41	121.49567	(15011018)	579245.01	4141276.41	112.18879	(15011018)
579265.01	4141276.41	102.31307	(15011018)	578385.01	4141296.41	83.71300	(09110418)
578405.01	4141296.41	77.32583	(09110418)	578425.01	4141296.41	87.85825	(12010309)
578445.01	4141296.41	96.82644	(12010309)	578465.01	4141296.41	105.23858	(12010309)
578485.01	4141296.41	112.99010	(12010309)	578505.01	4141296.41	119.78754	(12010309)

578525.01 4141296.41 125.07447 (12010309) 578545.01
4141296.41 119.91616 (12010309)
578565.01 4141296.41 122.61283 (12010309) 578585.01
4141296.41 123.69190 (12010309)
578605.01 4141296.41 123.05634 (12010309) 578625.01
4141296.41 120.68057 (12010309)
578645.01 4141296.41 119.20246 (14112017) 578665.01
4141296.41 130.51659 (14112017)
578685.01 4141296.41 142.09245 (09012117) 578705.01
4141296.41 152.91805 (09012117)
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4141296.41 180.91634 (10121417)
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579165.01 4141296.41 149.51523 (13110618) 579185.01
4141296.41 141.79051 (15011018)
579205.01 4141296.41 132.20532 (15011018) 579225.01
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579245.01 4141296.41 109.82820 (15011018) 579265.01
4141296.41 98.30069 (15011018)
579285.01 4141296.41 91.90047 (14011818) 578385.01
4141316.41 88.42951 (09110418)
578405.01 4141316.41 90.28645 (09110418) 578425.01
4141316.41 84.02835 (09110418)
578445.01 4141316.41 91.96071 (09110418) 578465.01
4141316.41 101.05300 (12010309)
578485.01 4141316.41 110.74663 (12010309) 578505.01
4141316.41 110.93569 (12010309)
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4141316.41 124.79597 (12010309)
578565.01 4141316.41 129.84915 (12010309) 578585.01
4141316.41 133.24092 (12010309)
578605.01 4141316.41 134.80660 (12010309) 578625.01
4141316.41 134.35621 (12010309)
578645.01 4141316.41 131.91996 (12010309) 578665.01
4141316.41 133.71122 (14112017)
578685.01 4141316.41 145.79421 (09012117) 578705.01
4141316.41 159.52079 (09012117)
578725.01 4141316.41 169.37272 (09012117) 579025.01
4141316.41 195.22148 (10121417)
579045.01 4141316.41 194.01977 (12111418) 579065.01
4141316.41 193.79150 (09011017)
579085.01 4141316.41 188.77249 (12111417) 579105.01
4141316.41 181.11168 (17121318)

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        579125.01   4141316.41      172.94935  (17121318)               579145.01
4141316.41      165.28991  (13110618)
        579165.01   4141316.41      156.30353  (15011018)               579185.01
4141316.41      144.82562  (15011018)
        579205.01   4141316.41      131.90395  (15011018)               579225.01
4141316.41      118.42068  (15011018)
        579245.01   4141316.41      105.05903  (15011018)               579265.01
4141316.41      100.61861  (14011818)
        579285.01   4141316.41       96.49792  (14011818)               578385.01
4141336.41       90.93116  (09110418)
        578405.01   4141336.41       94.31123  (09110418)               578425.01
4141336.41       97.11046  (09110418)
        578445.01   4141336.41       91.00892  (09110418)               578465.01
4141336.41       93.50201  (09110418)
        578485.01   4141336.41      105.48218  (12010309)               578505.01
4141336.41      116.73648  (12010309)
        578525.01   4141336.41      118.60211  (12010309)               578545.01
4141336.41      127.46934  (12010309)
        578565.01   4141336.41      135.11687  (12010309)               578585.01
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        578605.01   4141336.41      145.54846  (12010309)               578625.01
4141336.41      147.70220  (12010309)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
                                    INCLUDING SOURCE(S):     ARCH        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578645.01   4141336.41      147.45153  (12010309)               578665.01
4141336.41      145.02459  (12010309)
        578685.01   4141336.41      150.63036  (14112017)               578705.01
4141336.41      165.89382  (09012117)
        579025.01   4141336.41      212.23922  (10121417)               579045.01
4141336.41      213.95836  (09011017)
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        579065.01   4141336.41      211.49690  (10120217)               579085.01
4141336.41      204.13444  (12111417)
        579105.01   4141336.41      194.88515  (17121318)               579125.01
4141336.41      184.85970  (15011018)
        579145.01   4141336.41      173.94501  (15011018)               579165.01
4141336.41      159.90850  (15011018)
        579185.01   4141336.41      144.34657  (15011018)               579205.01
4141336.41      128.26225  (15011018)
        579225.01   4141336.41      115.51010  (14011818)               579245.01
4141336.41      110.54669  (14011818)
        579265.01   4141336.41      105.15703  (14011818)               579285.01
4141336.41       99.54663  (14011818)
        578385.01   4141356.41       90.71638  (09110418)               578405.01
4141356.41       95.44810  (09110418)
        578425.01   4141356.41       99.79866  (09110418)               578445.01
4141356.41      103.84907  (09110418)
        578465.01   4141356.41      107.18892  (09110418)               578485.01
4141356.41      102.21518  (09110418)
        578505.01   4141356.41      104.79586  (12010309)               578525.01
4141356.41      116.04372  (12010309)
        578545.01   4141356.41      127.28193  (12010309)               578565.01
4141356.41      137.83656  (12010309)
        578585.01   4141356.41      147.03730  (12010309)               578605.01
4141356.41      154.59367  (12010309)
        578625.01   4141356.41      159.93828  (12010309)               578645.01
4141356.41      162.76417  (12010309)
        578665.01   4141356.41      163.00997  (12010309)               578685.01
4141356.41      160.56053  (12010309)
        579025.01   4141356.41      236.97367  (12111418)               579045.01
4141356.41      239.17201  (09011017)
        579065.01   4141356.41      232.89301  (12111417)               579085.01
4141356.41      222.64628  (17121318)
        579105.01   4141356.41      209.52948  (15011018)               579125.01
4141356.41      195.75874  (15011018)
        579145.01   4141356.41      178.22753  (15011018)               579165.01
4141356.41      159.01423  (15011018)
        579185.01   4141356.41      139.70103  (15011018)               579205.01
4141356.41      128.60211  (14011818)
        579225.01   4141356.41      121.87039  (14011818)               579245.01
4141356.41      114.83953  (14011818)
        579265.01   4141356.41      108.67801  (17120218)               579285.01
4141356.41      103.23599  (17120218)
        579305.01   4141356.41       97.77168  (17120218)               578385.01
4141376.41       91.45581  (16030918)
        578405.01   4141376.41       85.85700  (09110418)               578425.01
4141376.41       91.27786  (09110418)
        578445.01   4141376.41       96.70739  (09110418)               578465.01
4141376.41      101.90206  (09110418)
        578485.01   4141376.41      106.74262  (09110418)               578505.01
4141376.41      111.39460  (09110418)
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4141376.41      149.82393  (12010309)
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4141376.41      170.27715  (12010309)
        578645.01   4141376.41      176.97603  (12010309)                578665.01
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        579025.01   4141376.41      269.65633  (12111418)                579045.01
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        579065.01   4141376.41      259.33147  (17121318)                579085.01
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4141376.41      134.82403  (14011818)
        579225.01   4141376.41      126.54694  (17120218)                579245.01
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        579265.01   4141376.41      112.33441  (17120218)                579285.01
4141376.41      105.44822  (17120218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
                                    INCLUDING SOURCE(S):     ARCH        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579305.01   4141376.41      100.00226  (17112018)                578385.01
4141396.41       88.54200  (14120118)
        578405.01   4141396.41       90.64474  (14120118)                578425.01
4141396.41       92.56981  (14120118)
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        578445.01   4141396.41       95.92832  (16030918)               578465.01
4141396.41      102.41231  (09110418)
        578485.01   4141396.41      109.07025  (09110418)               578505.01
4141396.41      115.41091  (09110418)
        578525.01   4141396.41      121.86197  (09110418)               578545.01
4141396.41      127.12426  (09110418)
        578565.01   4141396.41      132.67147  (12010309)               578585.01
4141396.41      148.53309  (12010309)
        578605.01   4141396.41      163.78159  (12010309)               578625.01
4141396.41      177.55003  (12010309)
        578645.01   4141396.41      189.01847  (12010309)               578665.01
4141396.41      197.58788  (12010309)
        579005.01   4141396.41      306.47223  (10121417)               579025.01
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        579045.01   4141396.41      310.50120  (17121318)               579065.01
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4141396.41      229.50381  (15011018)
        579125.01   4141396.41      198.03919  (15011018)               579145.01
4141396.41      174.74939  (14011818)
        579165.01   4141396.41      162.10052  (14011818)               579185.01
4141396.41      150.54348  (17120218)
        579205.01   4141396.41      140.76949  (17120218)               579225.01
4141396.41      131.26659  (17120218)
        579245.01   4141396.41      122.15707  (17120218)               579265.01
4141396.41      115.45869  (17112018)
        579285.01   4141396.41      109.03111  (17112018)               579305.01
4141396.41      102.86874  (17112018)
        578385.01   4141416.41       95.63482  (14120118)               578405.01
4141416.41       98.84905  (14120118)
        578425.01   4141416.41      102.07724  (14120118)               578445.01
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        578465.01   4141416.41      108.31705  (14120118)               578485.01
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4141416.41      124.42274  (09110418)
        578545.01   4141416.41      132.61283  (09110418)               578565.01
4141416.41      140.08569  (09110418)
        578585.01   4141416.41      146.99137  (09110418)               578605.01
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        578625.01   4141416.41      180.43585  (12010309)               578645.01
4141416.41      197.34639  (12010309)
        578665.01   4141416.41      211.71746  (12010309)               579025.01
4141416.41      386.43139  (10120217)
        579045.01   4141416.41      357.36056  (17121318)               579065.01
4141416.41      313.34297  (15011018)
        579085.01   4141416.41      266.96242  (15011018)               579105.01
4141416.41      224.13267  (15011018)
        579125.01   4141416.41      201.73051  (14011818)               579145.01
4141416.41      184.48882  (17120218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579165.01	4141416.41	170.13080	(17120218)	579185.01	4141416.41	156.64984	(17120218)
579205.01	4141416.41	144.82766	(17112018)	579225.01	4141416.41	135.45453	(17112018)
579245.01	4141416.41	126.63627	(17112018)	579265.01	4141416.41	118.36650	(17112018)
579285.01	4141416.41	110.61421	(17112018)	579305.01	4141416.41	103.41906	(17112018)
578385.01	4141436.41	100.59348	(14120118)	578405.01	4141436.41	104.93177	(14120118)
578425.01	4141436.41	109.42715	(14120118)	578445.01	4141436.41	114.10106	(14120118)
578465.01	4141436.41	118.79894	(14120118)	578485.01	4141436.41	123.54222	(14120118)
578505.01	4141436.41	128.09831	(14120118)	578525.01	4141436.41	132.69303	(14120118)
578545.01	4141436.41	136.92532	(14120118)	578565.01	4141436.41	144.05902	(09110418)
578585.01	4141436.41	154.58461	(09110418)	578605.01	4141436.41	164.31142	(09110418)
578625.01	4141436.41	177.91402	(12010309)	578645.01	4141436.41	200.82753	(12010309)
579025.01	4141436.41	452.75266	(17121318)	579045.01	4141436.41	390.29317	(15011018)
579065.01	4141436.41	315.54764	(15011018)	579085.01	4141436.41	265.68199	(14011818)
579105.01	4141436.41	236.37641	(17120218)	579125.01	4141436.41	212.98406	(17120218)

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        579145.01   4141436.41      192.42270  (17120218)               579165.01
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4141436.41      149.59986  (17112018)
        579225.01   4141436.41      138.13992  (17112018)               579245.01
4141436.41      127.69002  (17112018)
        579265.01   4141436.41      118.14325  (17112018)               579285.01
4141436.41      109.73736  (10120118)
        579305.01   4141436.41      103.74762  (10120118)               579325.01
4141436.41       98.20782  (11121418)
        578385.01   4141456.41      102.91455  (14120118)               578405.01
4141456.41      108.20481  (14120118)
        578425.01   4141456.41      113.79968  (14120118)               578445.01
4141456.41      119.77490  (14120118)
        578465.01   4141456.41      126.04683  (14120118)               578485.01
4141456.41      132.65815  (14120118)
        578505.01   4141456.41      139.34346  (14120118)               578525.01
4141456.41      146.56456  (14120118)
        578545.01   4141456.41      153.53312  (14120118)               578565.01
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        578585.01   4141456.41      167.87917  (14120118)               578605.01
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        578625.01   4141456.41      184.11870  (09110418)               578645.01
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        579045.01   4141456.41      386.21755  (17120218)               579065.01
4141456.41      324.54505  (17120218)
        579085.01   4141456.41      279.90267  (17120218)               579105.01
4141456.41      245.28823  (17112018)
        579125.01   4141456.41      220.31763  (17112018)               579145.01
4141456.41      199.01554  (17112018)
        579165.01   4141456.41      180.35751  (17112018)               579185.01
4141456.41      163.96744  (17112018)
        579205.01   4141456.41      149.43903  (17112018)               579225.01
4141456.41      138.15333  (10120118)
        579245.01   4141456.41      128.92439  (10120118)               579265.01
4141456.41      120.58183  (10120118)
        578385.01   4141476.41      102.20585  (14120118)               578405.01
4141476.41      108.18941  (14120118)
        578425.01   4141476.41      114.63804  (14120118)               578445.01
4141476.41      121.57364  (14120118)
        578465.01   4141476.41      129.13389  (14120118)               578485.01
4141476.41      137.35719  (14120118)
        578505.01   4141476.41      146.04688  (14120118)               578525.01
4141476.41      155.71224  (14120118)
        578545.01   4141476.41      165.41313  (14120118)               578565.01
4141476.41      176.10417  (14120118)
        578585.01   4141476.41      187.34846  (14120118)               578605.01
4141476.41      198.96374  (14120118)
        578625.01   4141476.41      210.65731  (14120118)               578645.01
4141476.41      222.28186  (14120118)
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        579065.01   4141476.41      326.14415  (17112018)               579085.01
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4141476.41      222.36386  (17112018)
        579145.01   4141476.41      199.24453  (10120118)               579165.01
4141476.41      181.70501  (10120118)
        579185.01   4141476.41      166.42313  (10120118)               579205.01
4141476.41      153.08789  (10120118)
        579225.01   4141476.41      141.35781  (10120118)               578385.01
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4141496.41      199.23231  (14120118)
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4141496.41      225.97651  (10120118)
        579145.01   4141496.41      203.20151  (10122318)               579165.01
4141496.41      184.97270  (10122318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

                                    PAGE 591
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
                                    INCLUDING SOURCE(S):     ARCH        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141516.41      141.20338  (13012417)
        578505.01   4141516.41      150.05565  (13012417)              578525.01
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4141516.41      183.80245  (13012417)
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4141516.41      220.94491  (14120118)
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        579165.01   4141516.41      186.24340  (11112918)              578385.01
4141536.41      111.74922  (13012417)
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4141536.41      124.34472  (13012417)
        578445.01   4141536.41      131.63399  (13012417)              578465.01
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        578485.01   4141536.41      148.67125  (13012417)              578505.01
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        578525.01   4141536.41      170.50874  (13012417)              578545.01
4141536.41      182.99896  (13012417)
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        579185.01   4141536.41      167.41515  (11112918)              578385.01
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        578445.01   4141556.41      131.96871  (13012417)              578465.01
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        578485.01   4141556.41      149.33793  (13012417)              578505.01
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4141556.41      217.66516  (13012417)
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        578605.01   4141556.41      239.04014  (13012417)                578625.01
4141556.41      264.89721  (13012417)
        578645.01   4141556.41      297.12472  (13012417)                578665.01
4141556.41      338.66639  (13012417)
        578685.01   4141556.41      394.21419  (17121418)                579165.01
4141556.41      173.94070  (11112918)
        579185.01   4141556.41      158.53253  (11112918)                579205.01
4141556.41      145.37580  (11112918)
        578385.01   4141576.41      108.20059  (13012417)                578405.01
4141576.41      113.88488  (13012417)
        578425.01   4141576.41      120.14426  (13012417)                578445.01
4141576.41      127.03916  (13012417)
        578465.01   4141576.41      134.63130  (13012417)                578485.01
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        578505.01   4141576.41      152.59846  (13012417)                578525.01
4141576.41      163.49253  (13012417)
        578545.01   4141576.41      175.29116  (13012417)                578565.01
4141576.41      188.97716  (13012417)
        578585.01   4141576.41      204.71152  (13012417)                578605.01
4141576.41      223.01197  (13012417)
        578625.01   4141576.41      244.53182  (13012417)                578645.01
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4141576.41      338.42390  (17121418)
        578705.01   4141576.41      379.14698  (17121418)                579145.01
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4141576.41      155.11724  (16011318)
        579205.01   4141576.41      142.29636  (16011318)                579225.01
4141576.41      131.11096  (16011318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 592
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
                                    INCLUDING SOURCE(S):     ARCH        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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578585.01 4141596.41 182.91690 (17121418) 578605.01
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4141636.41      197.93442  (16120718)
        578625.01   4141636.41      215.37073  (16120718)                578645.01
4141636.41      232.42394  (16120718)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***       15:03:32

                                     PAGE 593
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
                                     INCLUDING SOURCE(S):     ARCH        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578705.01	4141636.41	281.59095	(12010318)	578725.01	4141636.41	310.00930	(12010318)
579045.01	4141636.41	257.88397	(17112518)	579065.01	4141636.41	237.46597	(17112518)
579085.01	4141636.41	219.45407	(09012218)	579105.01	4141636.41	202.90596	(09012218)
579125.01	4141636.41	186.81660	(09012218)	579165.01	4141636.41	157.68428	(09012218)
579185.01	4141636.41	144.77457	(09012218)	579205.01	4141636.41	132.98408	(09012218)
579225.01	4141636.41	124.42492	(17010418)	579245.01	4141636.41	116.56137	(17010418)
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579345.01	4141636.41	87.22608	(16011318)	578385.01	4141656.41	80.80602	(10012218)
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578445.01	4141656.41	100.49025	(16120718)	578465.01	4141656.41	109.76960	(16120718)
578485.01	4141656.41	119.77620	(16120718)	578505.01	4141656.41	130.69810	(16120718)
578525.01	4141656.41	142.20006	(16120718)	578545.01	4141656.41	154.40377	(16120718)
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578605.01	4141656.41	192.95528	(16120718)	578625.01	4141656.41	205.36888	(16120718)
578645.01	4141656.41	216.71788	(16120718)	578665.01	4141656.41	227.15473	(16120718)
578685.01	4141656.41	247.67115	(12010318)	578705.01	4141656.41	270.79418	(12010318)
578725.01	4141656.41	293.76839	(12010318)	579005.01	4141656.41	261.16449	(17112518)
579025.01	4141656.41	246.54006	(17112518)	579045.01	4141656.41	232.90426	(17112518)
579065.01	4141656.41	219.08343	(17112518)	579085.01	4141656.41	204.03487	(17112518)
579105.01	4141656.41	188.08116	(17112518)	579125.01	4141656.41	175.12620	(09012218)
579145.01	4141656.41	163.96982	(09012218)	579185.01	4141656.41	142.59919	(09012218)

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4141676.41      178.15719  (17112518)
        579125.01   4141676.41      166.28907  (17112518)                579145.01
4141676.41      154.09065  (17112518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 594
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
                                   INCLUDING SOURCE(S):     ARCH        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579245.01	4141676.41	113.90464	(09012218)	579265.01	4141676.41	106.90994	(09012218)
579285.01	4141676.41	100.24871	(09012218)	579305.01	4141676.41	93.93491	(09012218)
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578605.01	4141696.41	171.95837	(12111618)	578625.01	4141696.41	184.78263	(12111618)
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578965.01	4141696.41	249.69013	(14121218)	578985.01	4141696.41	223.05045	(14121218)
579005.01	4141696.41	203.42226	(13012318)	579025.01	4141696.41	192.49265	(11121618)
579045.01	4141696.41	186.70082	(11121618)	579065.01	4141696.41	179.97057	(11121618)
579085.01	4141696.41	172.36913	(17112518)	579105.01	4141696.41	165.33397	(17112518)
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579165.01	4141696.41	139.03263	(17112518)	579185.01	4141696.41	129.53468	(17112518)
579205.01	4141696.41	122.04171	(09012218)	579225.01	4141696.41	116.30101	(09012218)
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579285.01	4141696.41	99.27234	(09012218)	579305.01	4141696.41	93.84400	(09012218)

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        578685.01   4141716.41      217.87209  (12010318)               578905.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 595
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
                                    INCLUDING SOURCE(S):     ARCH        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141716.41	87.52850	(09012218)	579345.01	4141716.41	83.30395	(09012218)
578385.01	4141736.41	95.15924	(16120718)	578405.01	4141736.41	99.98894	(16120718)
578425.01	4141736.41	104.73629	(16120718)	578445.01	4141736.41	109.28966	(16120718)
578465.01	4141736.41	113.58807	(16120718)	578485.01	4141736.41	117.58031	(16120718)
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578645.01	4141736.41	187.81502	(12010318)	578665.01	4141736.41	195.79587	(12010318)
578865.01	4141736.41	242.57380	(14103118)	578885.01	4141736.41	237.29787	(14103118)
578905.01	4141736.41	241.02634	(14121218)	578925.01	4141736.41	237.82766	(14121218)
578945.01	4141736.41	226.82336	(14121218)	578965.01	4141736.41	211.48367	(14121218)
578985.01	4141736.41	193.65466	(14121218)	579005.01	4141736.41	174.16026	(14121218)
579025.01	4141736.41	162.74786	(13012318)	579045.01	4141736.41	155.73064	(13012318)
579065.01	4141736.41	147.02160	(13012318)	579085.01	4141736.41	142.38865	(11121618)
579105.01	4141736.41	139.49284	(11121618)	579125.01	4141736.41	135.28837	(11121618)
579145.01	4141736.41	129.97611	(11121618)	579165.01	4141736.41	125.23427	(17112518)
579185.01	4141736.41	120.25510	(17112518)	579205.01	4141736.41	114.72910	(17112518)
579225.01	4141736.41	108.83269	(17112518)	579245.01	4141736.41	102.73395	(17112518)
579265.01	4141736.41	96.56751	(17112518)	579285.01	4141736.41	91.54909	(09012218)
579305.01	4141736.41	88.24155	(09012218)	579325.01	4141736.41	84.84159	(09012218)
579345.01	4141736.41	81.40730	(09012218)	578385.01	4141756.41	93.90714	(16120718)
578405.01	4141756.41	97.58716	(16120718)	578425.01	4141756.41	101.03139	(16120718)
578445.01	4141756.41	104.15846	(16120718)	578465.01	4141756.41	106.88152	(16120718)

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        578485.01   4141756.41      111.72951  (12111618)               578845.01
4141756.41      222.97047  (09112618)
        578865.01   4141756.41      210.49812  (14103118)               578885.01
4141756.41      206.78994  (14103118)
        578905.01   4141756.41      207.55022  (14121218)               578925.01
4141756.41      210.22890  (14121218)
        578945.01   4141756.41      205.19952  (14121218)               578965.01
4141756.41      194.89529  (14121218)
        578985.01   4141756.41      181.07532  (14121218)               579005.01
4141756.41      164.95794  (14121218)
        579025.01   4141756.41      148.44309  (13012318)               579045.01
4141756.41      144.40592  (13012318)
        579065.01   4141756.41      138.49372  (13012318)               579085.01
4141756.41      130.99028  (13012318)
        579105.01   4141756.41      126.12951  (11121618)               579125.01
4141756.41      124.31135  (11121618)
        579145.01   4141756.41      121.32426  (11121618)               579165.01
4141756.41      117.32218  (11121618)
        579185.01   4141756.41      112.66669  (17112518)               579205.01
4141756.41      109.00523  (17112518)
        579225.01   4141756.41      104.76501  (17112518)               579245.01
4141756.41      100.12811  (17112518)
        579265.01   4141756.41       95.22945  (17112518)               579285.01
4141756.41       90.16922  (17112518)
        579305.01   4141756.41       85.08387  (17112518)               579325.01
4141756.41       80.81215  (09012218)
        579345.01   4141756.41       78.19413  (09012218)               578385.01
4141776.41       90.55390  (16120718)
        578405.01   4141776.41       93.06539  (16120718)               578425.01
4141776.41       95.18336  (16120718)
        578445.01   4141776.41       98.47417  (12111618)               578465.01
4141776.41      106.23454  (12111618)
        578485.01   4141776.41      113.85194  (12111618)               578825.01
4141776.41      207.55134  (09112618)
        578845.01   4141776.41      189.22787  (09112618)               578865.01
4141776.41      186.35347  (14103118)
        578885.01   4141776.41      183.32031  (14103118)               578905.01
4141776.41      180.95581  (14121218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
                                    INCLUDING SOURCE(S):     ARCH        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	186.71986	(14121218)	578945.01	4141776.41	185.74520	(14121218)
578965.01	4141776.41	179.42924	(14121218)	578985.01	4141776.41	169.20067	(14121218)
579005.01	4141776.41	156.19984	(14121218)	579025.01	4141776.41	141.32754	(14121218)
579045.01	4141776.41	132.78074	(13012318)	579065.01	4141776.41	129.33544	(13012318)
579085.01	4141776.41	124.18647	(13012318)	579105.01	4141776.41	117.63139	(13012318)
579125.01	4141776.41	112.57275	(11121618)	579145.01	4141776.41	111.55353	(11121618)
579165.01	4141776.41	109.46804	(11121618)	579185.01	4141776.41	106.43271	(11121618)
579205.01	4141776.41	102.70996	(11121618)	579225.01	4141776.41	99.18080	(17112518)
579245.01	4141776.41	95.95097	(17112518)	579265.01	4141776.41	92.31682	(17112518)
579285.01	4141776.41	88.38117	(17112518)	579305.01	4141776.41	84.23302	(17112518)
579325.01	4141776.41	80.00786	(17112518)	579345.01	4141776.41	75.71094	(17112518)
578405.01	4141796.41	88.80084	(10122417)	578425.01	4141796.41	94.41166	(12111618)
578445.01	4141796.41	101.01597	(12111618)	578465.01	4141796.41	107.45699	(12111618)
578805.01	4141796.41	192.02470	(09112618)	578825.01	4141796.41	181.26161	(09112618)
578845.01	4141796.41	162.88451	(14103118)	578865.01	4141796.41	167.18452	(14103118)
578885.01	4141796.41	164.60900	(14103118)	578905.01	4141796.41	161.11657	(12121918)
578925.01	4141796.41	166.75586	(14121218)	578945.01	4141796.41	168.41892	(14121218)
578965.01	4141796.41	165.15382	(14121218)	578985.01	4141796.41	157.93926	(14121218)
579005.01	4141796.41	147.71742	(14121218)	579025.01	4141796.41	135.35776	(14121218)
579045.01	4141796.41	123.52602	(14020618)	579065.01	4141796.41	119.76844	(13012318)

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        579085.01   4141796.41      116.71302  (13012318)               579105.01
4141796.41      112.14608  (13012318)
        579125.01   4141796.41      106.38536  (13012318)               579145.01
4141796.41      101.15907  (11121618)
        579165.01   4141796.41      100.71239  (11121618)               579185.01
4141796.41       99.28721  (11121618)
        579205.01   4141796.41       97.08961  (11121618)               579225.01
4141796.41       94.16904  (11121618)
        579245.01   4141796.41       90.69171  (11121618)               579265.01
4141796.41       88.08890  (17112518)
        579285.01   4141796.41       85.27278  (17112518)               579305.01
4141796.41       82.12220  (17112518)
        579325.01   4141796.41       78.75548  (17112518)               579345.01
4141796.41       75.23617  (17112518)
        578445.01   4141816.41      101.35272  (12111618)               578585.01
4141816.41      134.71201  (12010318)
        578605.01   4141816.41      139.02890  (11112818)               578665.01
4141816.41      160.20357  (09010809)
        578685.01   4141816.41      162.49783  (09010809)               578785.01
4141816.41      177.45968  (09112618)
        578805.01   4141816.41      171.66897  (09112618)               578825.01
4141816.41      158.32134  (09112618)
        578845.01   4141816.41      148.37451  (14103118)               578865.01
4141816.41      151.52348  (14103118)
        578885.01   4141816.41      149.22445  (14103118)               578905.01
4141816.41      145.59237  (12121918)
        578925.01   4141816.41      149.72894  (14121218)               578945.01
4141816.41      153.09972  (14121218)
        578965.01   4141816.41      152.08817  (14121218)               578985.01
4141816.41      147.30689  (14121218)
        579005.01   4141816.41      139.48838  (14121218)               579025.01
4141816.41      129.38090  (14121218)
        579045.01   4141816.41      117.70444  (14121218)               579065.01
4141816.41      110.34835  (14020618)
        579085.01   4141816.41      108.78888  (13012318)               579105.01
4141816.41      105.99444  (13012318)
        579125.01   4141816.41      101.92350  (13012318)               579145.01
4141816.41       96.80945  (13012318)
        579165.01   4141816.41       91.45190  (11121618)               579185.01
4141816.41       91.37242  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP1   ***
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INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579205.01	4141816.41	90.53630	(11121618)	579225.01	4141816.41	88.91335	(11121618)
579245.01	4141816.41	86.65485	(11121618)	579265.01	4141816.41	83.86173	(11121618)
579285.01	4141816.41	81.11811	(17112518)	579305.01	4141816.41	78.93856	(17112518)
579325.01	4141816.41	76.43133	(17112518)	579345.01	4141816.41	73.69097	(17112518)
578565.01	4141836.41	124.00854	(12010318)	578585.01	4141836.41	128.80056	(11112818)
578605.01	4141836.41	136.75390	(09010809)	578625.01	4141836.41	143.39506	(09010809)
578645.01	4141836.41	147.86566	(09010809)	578665.01	4141836.41	149.86050	(09010809)
578685.01	4141836.41	148.88538	(09010809)	578705.01	4141836.41	153.16578	(12112718)
578725.01	4141836.41	158.92987	(12112718)	578765.01	4141836.41	164.07369	(09112618)
578785.01	4141836.41	161.57460	(09112618)	578805.01	4141836.41	153.00093	(09112618)
578825.01	4141836.41	138.41412	(09112618)	578845.01	4141836.41	136.12852	(14103118)
578865.01	4141836.41	138.48965	(14103118)	578885.01	4141836.41	136.32528	(14103118)
578905.01	4141836.41	132.43131	(12121918)	578925.01	4141836.41	135.24751	(12121918)
578945.01	4141836.41	139.56874	(14121218)	578965.01	4141836.41	140.18820	(14121218)
578985.01	4141836.41	137.33627	(14121218)	579005.01	4141836.41	131.55217	(14121218)
579025.01	4141836.41	123.43431	(14121218)	579045.01	4141836.41	113.60949	(14121218)
579065.01	4141836.41	105.24841	(14020618)	579085.01	4141836.41	100.68245	(13012318)
579105.01	4141836.41	99.42689	(13012318)	579125.01	4141836.41	96.85047	(13012318)
579145.01	4141836.41	93.16496	(13012318)	579165.01	4141836.41	88.58046	(13012318)

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        579185.01   4141836.41       83.36753  (13012318)                579205.01
4141836.41       83.37592  (11121618)
        579225.01   4141836.41       82.88923  (11121618)                579245.01
4141836.41       81.74486  (11121618)
        579265.01   4141836.41       80.00769  (11121618)                579285.01
4141836.41       77.79994  (11121618)
        579305.01   4141836.41       75.21015  (11121618)                579325.01
4141836.41       73.19486  (17112518)
        579345.01   4141836.41       71.20971  (17112518)                578565.01
4141856.41      119.81103  (11112818)
        578585.01   4141856.41      126.94189  (09010809)                578605.01
4141856.41      133.00504  (09010809)
        578625.01   4141856.41      137.09956  (09010809)                578645.01
4141856.41      138.89399  (09010809)
        578665.01   4141856.41      138.05558  (09010809)                578685.01
4141856.41      140.08099  (12112718)
        578705.01   4141856.41      146.11051  (12112718)                578725.01
4141856.41      149.00252  (12112718)
        578745.01   4141856.41      151.71702  (09112618)                578765.01
4141856.41      151.59570  (09112618)
        578785.01   4141856.41      146.49742  (09112618)                578805.01
4141856.41      136.17129  (09112618)
        578825.01   4141856.41      121.14812  (09112618)                578845.01
4141856.41      125.62347  (14103118)
        578865.01   4141856.41      127.35657  (14103118)                578885.01
4141856.41      125.32320  (14103118)
        578905.01   4141856.41      121.13878  (12121918)                578925.01
4141856.41      124.45615  (12121918)
        578945.01   4141856.41      127.58996  (14121218)                578965.01
4141856.41      129.35545  (14121218)
        578985.01   4141856.41      128.04659  (14121218)                579005.01
4141856.41      123.94880  (14121218)
        579025.01   4141856.41      117.55009  (14121218)                579045.01
4141856.41      109.38522  (14121218)
        579065.01   4141856.41       99.98651  (14121218)                579085.01
4141856.41       95.16215  (14020618)
        579105.01   4141856.41       92.56507  (13012318)                579125.01
4141856.41       91.30591  (13012318)
        579145.01   4141856.41       88.87657  (13012318)                579165.01
4141856.41       85.51835  (13012318)
        579185.01   4141856.41       81.47224  (13012318)                579205.01
4141856.41       76.84623  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                  PAGE 598
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	76.35585	(11121618)	579245.01	4141856.41	76.20250	(11121618)
579265.01	4141856.41	75.41048	(11121618)	579285.01	4141856.41	74.09414	(11121618)
579305.01	4141856.41	72.34059	(11121618)	579325.01	4141856.41	70.23766	(11121618)
579345.01	4141856.41	68.00752	(17112518)	578545.01	4141876.41	111.73343	(11112818)
578565.01	4141876.41	118.20730	(09010809)	578585.01	4141876.41	123.77452	(09010809)
578605.01	4141876.41	127.56613	(09010809)	578625.01	4141876.41	129.26989	(09010809)
578645.01	4141876.41	128.62030	(09010809)	578665.01	4141876.41	128.42907	(12112718)
578685.01	4141876.41	134.68821	(12112718)	578705.01	4141876.41	138.26251	(12112718)
578725.01	4141876.41	140.30896	(09112618)	578745.01	4141876.41	141.89318	(09112618)
578765.01	4141876.41	139.36522	(09112618)	578785.01	4141876.41	132.37097	(09112618)
578805.01	4141876.41	121.06182	(09112618)	578825.01	4141876.41	112.10703	(14103118)
578845.01	4141876.41	116.45712	(14103118)	578865.01	4141876.41	117.75041	(14103118)
578885.01	4141876.41	115.84604	(14103118)	578905.01	4141876.41	111.34529	(12121918)
578925.01	4141876.41	114.95852	(12121918)	578945.01	4141876.41	116.95764	(14121218)
578965.01	4141876.41	119.58319	(14121218)	578985.01	4141876.41	119.38289	(14121218)
579005.01	4141876.41	116.65910	(14121218)	579025.01	4141876.41	111.76099	(14121218)
579045.01	4141876.41	105.07861	(14121218)	579065.01	4141876.41	97.06318	(14121218)
579085.01	4141876.41	91.03176	(14020618)	579105.01	4141876.41	86.42254	(14020618)

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        579125.01   4141876.41       85.51694  (13012318)                579145.01
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        579165.01   4141876.41       81.92697  (13012318)                579185.01
4141876.41       78.93827  (13012318)
        579205.01   4141876.41       75.26807  (13012318)                579225.01
4141876.41       71.10193  (13012318)
        579245.01   4141876.41       70.24995  (11121618)                579265.01
4141876.41       70.29154  (11121618)
        579285.01   4141876.41       69.79211  (11121618)                579305.01
4141876.41       68.83120  (11121618)
        579325.01   4141876.41       67.45670  (11121618)                579345.01
4141876.41       65.75150  (11121618)
        578545.01   4141896.41      110.38447  (09010809)                578565.01
4141896.41      115.54799  (09010809)
        578585.01   4141896.41      119.08826  (09010809)                578605.01
4141896.41      120.75806  (09010809)
        578625.01   4141896.41      120.29825  (09010809)                578645.01
4141896.41      117.94752  (12112718)
        578665.01   4141896.41      124.36527  (12112718)                578685.01
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4141896.41      132.58931  (09112618)
        578745.01   4141896.41      132.01970  (09112618)                578765.01
4141896.41      127.62556  (09112618)
        578785.01   4141896.41      119.35063  (09112618)                578805.01
4141896.41      108.19072  (16120918)
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4141896.41      108.42782  (14103118)
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        578905.01   4141896.41      103.15121  (14103118)                578925.01
4141896.41      106.54866  (12121918)
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4141896.41      110.71026  (14121218)
        578985.01   4141896.41      111.45373  (14121218)                579005.01
4141896.41      109.85166  (14121218)
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4141896.41      100.72861  (14121218)
        579065.01   4141896.41       93.98618  (14121218)                579085.01
4141896.41       86.77836  (14020618)
        579105.01   4141896.41       83.23465  (14020618)                579125.01
4141896.41       79.60926  (13012318)
        579145.01   4141896.41       79.25637  (13012318)                579165.01
4141896.41       77.96219  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                        ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141896.41	75.92409	(13012318)	579205.01	4141896.41	73.16044	(13012318)
579225.01	4141896.41	69.83394	(13012318)	579245.01	4141896.41	66.07058	(13012318)
579265.01	4141896.41	64.84695	(11121618)	579285.01	4141896.41	65.03864	(11121618)
579305.01	4141896.41	64.80540	(11121618)	579325.01	4141896.41	64.11432	(11121618)
579345.01	4141896.41	63.05222	(11121618)	578565.01	4141916.41	111.51496	(09010809)
578585.01	4141916.41	113.13115	(09010809)	578605.01	4141916.41	112.87706	(09010809)
578625.01	4141916.41	110.55435	(09010809)	578645.01	4141916.41	114.96051	(12112718)
578665.01	4141916.41	119.50667	(12112718)	578685.01	4141916.41	121.67235	(12112718)
578705.01	4141916.41	123.70227	(09112618)	578725.01	4141916.41	124.63911	(09112618)
578745.01	4141916.41	122.27912	(09112618)	578765.01	4141916.41	116.49839	(09112618)
578785.01	4141916.41	107.48095	(16120918)	578805.01	4141916.41	97.52385	(14120418)
578825.01	4141916.41	98.31636	(14103118)	578845.01	4141916.41	101.33484	(14103118)
578865.01	4141916.41	102.01744	(14103118)	578885.01	4141916.41	100.30064	(14103118)
578905.01	4141916.41	96.29667	(14103118)	578925.01	4141916.41	99.06989	(12121918)
578945.01	4141916.41	100.58944	(12121918)	578965.01	4141916.41	102.66324	(14121218)
578985.01	4141916.41	104.09690	(14121218)	579005.01	4141916.41	103.41299	(14121218)
579025.01	4141916.41	100.79160	(14121218)	579045.01	4141916.41	96.48293	(14121218)

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        579065.01   4141916.41       90.80724  (14121218)                579085.01
4141916.41       84.13785  (14121218)
        579105.01   4141916.41       79.85037  (14020618)                579125.01
4141916.41       76.25742  (14020618)
        579145.01   4141916.41       74.17443  (13012318)                579165.01
4141916.41       73.71713  (13012318)
        579185.01   4141916.41       72.53018  (13012318)                578386.27
4141125.26       77.09420  (12010309)
        578406.27   4141125.26       75.95056  (11122717)                578426.27
4141125.26       75.23434  (11122717)
        578446.27   4141125.26       73.58840  (11122717)                578466.27
4141125.26       70.99236  (11122717)
        578486.27   4141125.26       72.05630  (16020318)                578506.27
4141125.26       74.14172  (16020318)
        578526.27   4141125.26       75.47610  (16020318)                578546.27
4141125.26       80.88469  (14112017)
        578566.27   4141125.26       87.07504  (14112017)                578586.27
4141125.26       91.77181  (14112017)
        578606.27   4141125.26       96.58412  (09012117)                578626.27
4141125.26      102.26025  (09012117)
        578646.27   4141125.26      105.66516  (09012117)                578666.27
4141125.26       98.90314  (09012117)
        578686.27   4141125.26      106.06874  (09012117)                578706.27
4141125.26      105.07910  (14121217)
        578726.27   4141125.26      106.51157  (14121217)                578746.27
4141125.26       99.39817  (14121217)
        578766.27   4141125.26      100.57876  (11010818)                578786.27
4141125.26      103.10094  (14010318)
        578806.27   4141125.26      104.49349  (14010318)                578826.27
4141125.26      103.81771  (14010318)
        578846.27   4141125.26      105.00541  (16120717)                578866.27
4141125.26      105.01103  (16120717)
        578886.27   4141125.26      106.29941  (09013118)                578906.27
4141125.26      107.02351  (09013118)
        578926.27   4141125.26      106.82645  (10120918)                578946.27
4141125.26      105.14656  (13121418)
        578966.27   4141125.26      107.41964  (09011617)                578986.27
4141125.26      107.62008  (09011617)
        579006.27   4141125.26      105.93377  (09012317)                579026.27
4141125.26      106.28775  (09012317)
        579046.27   4141125.26      106.45849  (10121417)                579066.27
4141125.26      106.37254  (10121417)
        579086.27   4141125.26      103.92196  (10121417)                579106.27
4141125.26      101.18113  (11112917)
        579126.27   4141125.26      100.39939  (12111418)                579146.27
4141125.26       99.80828  (12111418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579166.27	4141125.26	99.70091	(09011017)	579186.27	4141125.26	97.92603	(09011017)
579206.27	4141125.26	95.27359	(12111417)	578386.27	4141145.26	81.69678	(12010309)
578406.27	4141145.26	81.26165	(12010309)	578426.27	4141145.26	79.89999	(12010309)
578446.27	4141145.26	79.23805	(11122717)	578466.27	4141145.26	77.55752	(11122717)
578486.27	4141145.26	74.87503	(11122717)	578506.27	4141145.26	76.04435	(16020318)
578526.27	4141145.26	78.16190	(16020318)	578546.27	4141145.26	80.04016	(14112017)
578566.27	4141145.26	87.25344	(14112017)	578586.27	4141145.26	93.38980	(14112017)
578606.27	4141145.26	97.67158	(14112017)	578626.27	4141145.26	96.14254	(09012117)
578646.27	4141145.26	100.58903	(09012117)	578666.27	4141145.26	111.55736	(09012117)
578686.27	4141145.26	111.70509	(09012117)	578706.27	4141145.26	109.64176	(09012117)
578726.27	4141145.26	103.93841	(14121217)	578746.27	4141145.26	104.58377	(14121217)
578766.27	4141145.26	104.88542	(11010818)	578786.27	4141145.26	107.69230	(14010318)
578806.27	4141145.26	109.53168	(14010318)	578826.27	4141145.26	109.23861	(14010318)
578846.27	4141145.26	109.97126	(16120717)	578866.27	4141145.26	110.20377	(16120717)
578886.27	4141145.26	111.55821	(09013118)	578906.27	4141145.26	112.33052	(09013118)
578926.27	4141145.26	112.07899	(10120918)	578946.27	4141145.26	110.96626	(09011617)

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        578966.27   4141145.26      113.19124  (09011617)                578986.27
4141145.26      113.09013  (09011617)
        579006.27   4141145.26      111.66400  (09012317)                579026.27
4141145.26      111.76498  (16010818)
        579046.27   4141145.26      112.38594  (10121417)                579066.27
4141145.26      111.53085  (10121417)
        579086.27   4141145.26      108.18564  (11112917)                579106.27
4141145.26      105.80097  (13113018)
        579126.27   4141145.26      106.10128  (12111418)                579146.27
4141145.26      105.63777  (09011017)
        579166.27   4141145.26      104.57929  (09011017)                579186.27
4141145.26      101.32589  (09011017)
        579206.27   4141145.26       99.75330  (12111417)                578723.62
4141929.59      119.47060  (09112618)
        578743.62   4141929.59      116.36654  (09112618)                578763.62
4141929.59      110.09835  (09112618)
        578783.62   4141929.59      101.55450  (16120918)                578803.62
4141929.59       92.17210  (11112817)
        578823.62   4141929.59       94.13662  (14103118)                578843.62
4141929.59       96.97403  (14103118)
        578863.62   4141929.59       97.65929  (14103118)                578883.62
4141929.59       96.14879  (14103118)
        578903.62   4141929.59       92.53170  (14103118)                578923.62
4141929.59       94.37922  (12121918)
        578943.62   4141929.59       96.25888  (12121918)                578963.62
4141929.59       97.57983  (14121218)
        578983.62   4141929.59       99.50497  (14121218)                579003.62
4141929.59       99.45159  (14121218)
        579023.62   4141929.59       97.55607  (14121218)                579043.62
4141929.59       94.01083  (14121218)
        579063.62   4141929.59       89.09133  (14121218)                579083.62
4141929.59       83.10464  (14121218)
        579103.62   4141929.59       77.68099  (14020618)                579123.62
4141929.59       74.73171  (14020618)
        579143.62   4141929.59       70.99599  (14020618)                579163.62
4141929.59       70.85889  (13012318)
        579183.62   4141929.59       70.19581  (13012318)                578725.67
4141942.60      114.06306  (09112618)
        578745.67   4141942.60      109.84390  (09112618)                578765.67
4141942.60      102.74068  (09112618)
        578785.67   4141942.60       94.54344  (14120418)                578805.67
4141942.60       87.60438  (11112817)
        578825.67   4141942.60       90.89712  (14103118)                578845.67
4141942.60       93.23441  (14103118)
        578865.67   4141942.60       93.59140  (14103118)                578885.67
4141942.60       91.90828  (14103118)
        578905.67   4141942.60       88.31093  (14103118)                578925.67
4141942.60       90.54473  (12121918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578945.67	4141942.60	92.37238	(12121918)	578965.67	4141942.60	93.34667	(14121218)
578985.67	4141942.60	95.36318	(14121218)	579005.67	4141942.60	95.54278	(14121218)
579025.67	4141942.60	93.99233	(14121218)	579045.67	4141942.60	90.87560	(14121218)
579065.67	4141942.60	86.43638	(14121218)	579085.67	4141942.60	80.97188	(14121218)
579105.67	4141942.60	75.14106	(14020618)	579125.67	4141942.60	72.59315	(14020618)
579145.67	4141942.60	69.28453	(14020618)	579165.67	4141942.60	67.94965	(13012318)
579185.67	4141942.60	67.67109	(13012318)	578745.52	4141955.60	104.04965	(09112618)
578765.52	4141955.60	97.09760	(16120918)	578785.52	4141955.60	89.14380	(14120418)
578805.52	4141955.60	83.68106	(14103118)	578825.52	4141955.60	87.48615	(14103118)
578845.52	4141955.60	89.59192	(14103118)	578865.52	4141955.60	89.85449	(14103118)
578885.52	4141955.60	88.24565	(14103118)	578905.52	4141955.60	84.85980	(14103118)
578925.52	4141955.60	86.67408	(12121918)	578945.52	4141955.60	88.64970	(12121918)
578965.52	4141955.60	89.07418	(14121218)	578985.52	4141955.60	91.34495	(14121218)
579005.52	4141955.60	91.90655	(14121218)	579025.52	4141955.60	90.82984	(14121218)
579045.52	4141955.60	88.26415	(14121218)	579065.52	4141955.60	84.39691	(14121218)

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        579085.52   4141955.60       79.48103  (14121218)               579105.52
4141955.60       73.79472  (14121218)
        579125.52   4141955.60       70.79184  (14020618)               579145.52
4141955.60       67.93024  (14020618)
        579165.52   4141955.60       65.06633  (13012318)               579185.52
4141955.60       65.18818  (13012318)
        578785.22   4141971.34       83.03576  (14120418)               578805.22
4141971.34       80.20825  (14103118)
        578825.22   4141971.34       83.62930  (14103118)               578845.22
4141971.34       85.49774  (14103118)
        578865.22   4141971.34       85.62971  (14103118)               578885.22
4141971.34       84.15265  (14103118)
        578905.22   4141971.34       81.00600  (14103118)               578925.22
4141971.34       82.29740  (12121918)
        578945.22   4141971.34       84.42133  (12121918)               578965.22
4141971.34       84.85805  (12121918)
        578985.22   4141971.34       86.73958  (14121218)               579005.22
4141971.34       87.69704  (14121218)
        579025.22   4141971.34       87.13092  (14121218)               579045.22
4141971.34       85.15883  (14121218)
        579065.22   4141971.34       81.93633  (14121218)               579085.22
4141971.34       77.65144  (14121218)
        579105.22   4141971.34       72.56582  (14121218)               579125.22
4141971.34       68.56313  (14020618)
        579145.22   4141971.34       66.22808  (14020618)               579165.22
4141971.34       63.30203  (14020618)
        579185.22   4141971.34       62.13200  (13012318)               578790.01
4141986.40       77.24108  (11112817)
        578810.01   4141986.40       78.01624  (14103118)               578830.01
4141986.40       80.76975  (14103118)
        578850.01   4141986.40       82.02008  (14103118)               578870.01
4141986.40       81.73620  (14103118)
        578890.01   4141986.40       79.92308  (14103118)               578910.01
4141986.40       76.63471  (14103118)
        578930.01   4141986.40       79.12318  (12121918)               578950.01
4141986.40       80.96262  (12121918)
        578970.01   4141986.40       81.24692  (12121918)               578990.01
4141986.40       83.05306  (14121218)
        579010.01   4141986.40       83.96699  (14121218)               579030.01
4141986.40       83.46718  (14121218)
        579050.01   4141986.40       81.66352  (14121218)               579070.01
4141986.40       78.70575  (14121218)
        579090.01   4141986.40       74.77706  (14121218)               579110.01
4141986.40       70.05035  (14121218)
        579130.01   4141986.40       65.96358  (14020618)               579150.01
4141986.40       63.94324  (14020618)
        579170.01   4141986.40       61.31833  (14020618)               579190.01
4141986.40       59.29059  (13012318)
        578810.54   4142001.46       75.15535  (14103118)               578830.54
4142001.46       77.59703  (14103118)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP1 ***
INCLUDING SOURCE(S): ARCH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578850.54	4142001.46	78.61441	(14103118)	578870.54	4142001.46	78.26592	(14103118)
578890.54	4142001.46	76.49946	(14103118)	578910.54	4142001.46	73.37641	(14103118)
578930.54	4142001.46	75.62812	(12121918)	578950.54	4142001.46	77.52305	(12121918)
578970.54	4142001.46	77.98120	(12121918)	578990.54	4142001.46	79.27523	(14121218)
579010.54	4142001.46	80.43487	(14121218)	579030.54	4142001.46	80.26577	(14121218)
579050.54	4142001.46	78.86026	(14121218)	579070.54	4142001.46	76.35265	(14121218)
579090.54	4142001.46	72.88924	(14121218)	579110.54	4142001.46	68.65942	(14121218)
579130.54	4142001.46	63.82127	(14121218)	579150.54	4142001.46	62.18619	(14020618)
579170.54	4142001.46	59.95429	(14020618)	579190.54	4142001.46	57.19188	(14020618)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***

INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	112.08258	(12010309)	578405.01	4141176.41	112.00470	(12010309)
578425.01	4141176.41	110.20726	(12010309)	578445.01	4141176.41	108.60641	(11122717)
578465.01	4141176.41	106.28772	(11122717)	578485.01	4141176.41	102.41920	(11122717)
578505.01	4141176.41	99.31002	(16020318)	578525.01	4141176.41	103.84505	(16020318)
578545.01	4141176.41	105.67507	(16020318)	578565.01	4141176.41	105.39627	(16020318)
578585.01	4141176.41	117.00132	(14112017)	578605.01	4141176.41	125.31423	(14112017)
578625.01	4141176.41	129.92779	(09012117)	578645.01	4141176.41	138.10837	(09012117)
578665.01	4141176.41	140.69840	(09012117)	578685.01	4141176.41	139.18824	(09012117)
578705.01	4141176.41	136.16136	(14121217)	578725.01	4141176.41	137.58714	(14121217)
578745.01	4141176.41	135.03720	(14121217)	578765.01	4141176.41	139.38660	(11010818)
578785.01	4141176.41	141.78463	(14010318)	578805.01	4141176.41	141.27875	(14010318)
578825.01	4141176.41	139.41502	(16120717)	578845.01	4141176.41	140.36208	(16120717)
578865.01	4141176.41	140.75662	(09013118)	578885.01	4141176.41	143.38255	(09013118)
578905.01	4141176.41	143.75684	(09013118)	578925.01	4141176.41	142.61942	(09013118)
578945.01	4141176.41	144.41814	(09011617)	578965.01	4141176.41	148.98351	(09011617)
578985.01	4141176.41	151.81122	(09011617)	579005.01	4141176.41	151.96404	(09011617)
579025.01	4141176.41	152.04774	(16010818)	579045.01	4141176.41	155.59052	(16010818)
579065.01	4141176.41	158.33523	(10121417)	579085.01	4141176.41	156.93255	(10121417)
579105.01	4141176.41	155.79200	(11010718)	579125.01	4141176.41	156.69243	(12111418)

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        579145.01   4141176.41      157.46780  (12111418)                579165.01
4141176.41      158.35185  (09011017)
        579185.01   4141176.41      156.48484  (10120217)                579205.01
4141176.41      154.29570  (12111417)
        579225.01   4141176.41      150.81585  (17121318)                578385.01
4141196.41      114.73227  (12010309)
        578405.01   4141196.41      117.02434  (12010309)                578425.01
4141196.41      117.32305  (12010309)
        578445.01   4141196.41      115.97292  (12010309)                578465.01
4141196.41      114.05817  (11122717)
        578485.01   4141196.41      111.74251  (11122717)                578505.01
4141196.41      107.91003  (11122717)
        578525.01   4141196.41      104.81860  (16020318)                578545.01
4141196.41      109.02704  (16020318)
        578565.01   4141196.41      110.79367  (16020318)                578585.01
4141196.41      115.40975  (14112017)
        578605.01   4141196.41      126.54719  (14112017)                578625.01
4141196.41      133.67725  (14112017)
        578645.01   4141196.41      140.62640  (09012117)                578665.01
4141196.41      146.33516  (09012117)
        578685.01   4141196.41      146.66410  (09012117)                578705.01
4141196.41      143.01681  (09012117)
        578725.01   4141196.41      143.73633  (14121217)                578745.01
4141196.41      141.96397  (14121217)
        578765.01   4141196.41      144.99540  (11010818)                578785.01
4141196.41      147.66394  (14010318)
        578805.01   4141196.41      147.53510  (14010318)                578825.01
4141196.41      145.07739  (16120717)
        578845.01   4141196.41      146.11813  (16120717)                578865.01
4141196.41      146.80045  (09013118)
        578885.01   4141196.41      149.32678  (09013118)                578905.01
4141196.41      149.57456  (09013118)
        578925.01   4141196.41      148.41767  (09013118)                578945.01
4141196.41      151.37717  (09011617)
        578965.01   4141196.41      155.88871  (09011617)                578985.01
4141196.41      158.56278  (09011617)
        579005.01   4141196.41      158.58239  (09011617)                579025.01
4141196.41      160.35966  (16010818)
        579045.01   4141196.41      163.26204  (16010818)                579065.01
4141196.41      166.62430  (10121417)
        579085.01   4141196.41      163.38490  (11112917)                579105.01
4141196.41      164.52330  (11010718)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                   PAGE 604
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	166.35343	(12111418)	579145.01	4141196.41	166.67864	(09011017)
579165.01	4141196.41	165.82876	(10120217)	579185.01	4141196.41	163.60658	(12111417)
579205.01	4141196.41	159.02459	(11111218)	579225.01	4141196.41	157.86145	(17121318)
579245.01	4141196.41	150.86174	(13110618)	578385.01	4141216.41	114.33229	(12010309)
578405.01	4141216.41	119.34276	(12010309)	578425.01	4141216.41	122.25654	(12010309)
578445.01	4141216.41	123.18898	(12010309)	578465.01	4141216.41	122.21243	(12010309)
578485.01	4141216.41	119.82841	(11122717)	578505.01	4141216.41	117.78828	(11122717)
578525.01	4141216.41	113.92851	(11122717)	578545.01	4141216.41	110.85628	(16020318)
578565.01	4141216.41	115.04084	(16020318)	578585.01	4141216.41	116.32491	(16020318)
578605.01	4141216.41	126.33495	(14112017)	578625.01	4141216.41	136.40337	(14112017)
578645.01	4141216.41	142.49078	(09012117)	578665.01	4141216.41	151.31063	(09012117)
578685.01	4141216.41	154.15603	(09012117)	578705.01	4141216.41	151.81221	(09012117)
578725.01	4141216.41	150.05837	(14121217)	578745.01	4141216.41	149.43451	(14121217)
578765.01	4141216.41	150.97421	(11010818)	578785.01	4141216.41	154.10857	(14010318)
578805.01	4141216.41	154.35940	(14010318)	578825.01	4141216.41	151.57418	(14010318)
578845.01	4141216.41	152.49077	(16120717)	578925.01	4141216.41	154.72699	(09013118)
578945.01	4141216.41	158.84878	(09011617)	578965.01	4141216.41	163.40916	(09011617)
578985.01	4141216.41	166.18529	(09011617)	579005.01	4141216.41	166.04662	(09011617)

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        579025.01   4141216.41      169.38295  (16010818)                579045.01
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        579065.01   4141216.41      175.15838  (10121417)                579085.01
4141216.41      172.09463  (11010718)
        579105.01   4141216.41      173.76692  (12111418)                579125.01
4141216.41      175.06105  (12111418)
        579145.01   4141216.41      175.94047  (09011017)                579165.01
4141216.41      173.20788  (12111417)
        579185.01   4141216.41      169.21897  (12111417)                579205.01
4141216.41      167.93446  (17121318)
        579225.01   4141216.41      160.82894  (17121318)                579245.01
4141216.41      159.06799  (15011018)
        578385.01   4141236.41      110.69478  (12010309)                578405.01
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        578425.01   4141236.41      124.29351  (12010309)                578445.01
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        578465.01   4141236.41      129.45806  (12010309)                578485.01
4141236.41      129.02366  (12010309)
        578505.01   4141236.41      126.54855  (12010309)                578525.01
4141236.41      124.25217  (11122717)
        578545.01   4141236.41      120.69892  (11122717)                578565.01
4141236.41      117.67498  (16020318)
        578585.01   4141236.41      121.55401  (16020318)                578605.01
4141236.41      124.36437  (14112017)
        578625.01   4141236.41      137.83240  (14112017)                578645.01
4141236.41      146.55508  (14112017)
        578665.01   4141236.41      155.28814  (09012117)                578685.01
4141236.41      161.35166  (09012117)
        578705.01   4141236.41      161.08175  (09012117)                578725.01
4141236.41      156.55688  (14121217)
        578745.01   4141236.41      157.47128  (14121217)                578765.01
4141236.41      157.37379  (11010818)
        578785.01   4141236.41      161.14139  (14010318)                578805.01
4141236.41      161.87426  (14010318)
        578825.01   4141236.41      159.25511  (14010318)                578945.01
4141236.41      167.12257  (09011617)
        578965.01   4141236.41      171.55956  (09011617)                578985.01
4141236.41      174.58725  (09011617)
        579005.01   4141236.41      174.28956  (09011617)                579025.01
4141236.41      179.35085  (16010818)
        579045.01   4141236.41      183.63412  (10121417)                579065.01
4141236.41      183.82499  (10121417)
        579085.01   4141236.41      183.77637  (11010718)                579105.01
4141236.41      186.21546  (12111418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	186.99496	(09011017)	579145.01	4141236.41	185.55543	(10120217)
579165.01	4141236.41	181.93298	(12111417)	579185.01	4141236.41	179.06100	(17121318)
579205.01	4141236.41	172.52649	(17121318)	579225.01	4141236.41	169.30006	(15011018)
579245.01	4141236.41	164.74326	(15011018)	578385.01	4141256.41	102.97211	(12010309)
578405.01	4141256.41	113.84105	(12010309)	578425.01	4141256.41	122.68193	(12010309)
578445.01	4141256.41	129.55282	(12010309)	578465.01	4141256.41	134.07499	(12010309)
578485.01	4141256.41	136.26811	(12010309)	578505.01	4141256.41	136.18773	(12010309)
578525.01	4141256.41	134.42240	(12010309)	578545.01	4141256.41	131.64483	(11122717)
578565.01	4141256.41	128.31467	(11122717)	578585.01	4141256.41	125.19938	(16020318)
578605.01	4141256.41	128.65716	(16020318)	578625.01	4141256.41	137.48421	(14112017)
578645.01	4141256.41	149.80675	(14112017)	578665.01	4141256.41	157.87924	(09012117)
578685.01	4141256.41	167.83631	(09012117)	578705.01	4141256.41	170.61896	(09012117)
578725.01	4141256.41	167.15476	(09012117)	578745.01	4141256.41	166.16903	(14121217)
578765.01	4141256.41	164.37516	(11010818)	578785.01	4141256.41	168.83423	(14010318)
578805.01	4141256.41	170.22593	(14010318)	578965.01	4141256.41	180.71690	(09011617)
578985.01	4141256.41	183.78213	(09011617)	579005.01	4141256.41	184.57343	(16010818)
579025.01	4141256.41	190.41721	(16010818)	579045.01	4141256.41	195.58904	(10121417)

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        579065.01   4141256.41      193.06621  (11112917)                579085.01
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        579105.01   4141256.41      197.49913  (12111418)                579125.01
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        579145.01   4141256.41      195.44101  (12111417)                579165.01
4141256.41      191.45975  (17121318)
        579185.01   4141256.41      185.82645  (17121318)                579205.01
4141256.41      180.85698  (15011018)
        579225.01   4141256.41      175.72491  (15011018)                579245.01
4141256.41      164.24462  (15011018)
        579265.01   4141256.41      148.07802  (15011018)                578385.01
4141276.41       95.37437  (09110418)
        578405.01   4141276.41      105.02431  (12010309)                578425.01
4141276.41      117.30284  (12010309)
        578445.01   4141276.41      127.28684  (12010309)                578465.01
4141276.41      135.26863  (12010309)
        578485.01   4141276.41      140.60969  (12010309)                578505.01
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4141276.41      143.21587  (12010309)
        578565.01   4141276.41      139.98713  (12010309)                578585.01
4141276.41      136.90415  (11122717)
        578605.01   4141276.41      133.34852  (16020318)                578625.01
4141276.41      136.42776  (16020318)
        578645.01   4141276.41      151.43416  (14112017)                578665.01
4141276.41      162.37298  (14112017)
        578685.01   4141276.41      173.23696  (09012117)                578705.01
4141276.41      179.96955  (09012117)
        578725.01   4141276.41      178.97724  (09012117)                578745.01
4141276.41      175.49883  (14121217)
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4141276.41      197.08624  (16010818)
        579025.01   4141276.41      203.18514  (10121417)                579045.01
4141276.41      208.84587  (10121417)
        579065.01   4141276.41      207.96862  (11010718)                579085.01
4141276.41      211.75292  (12111418)
        579105.01   4141276.41      213.14163  (09011017)                579125.01
4141276.41      210.12588  (10120217)
        579145.01   4141276.41      205.38232  (17121318)                579165.01
4141276.41      200.98070  (17121318)
        579185.01   4141276.41      194.16601  (15011018)                579205.01
4141276.41      188.19658  (15011018)
        579225.01   4141276.41      175.07198  (15011018)                579245.01
4141276.41      156.90028  (15011018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141276.41	145.83236	(09011517)	578385.01	4141296.41	107.45809	(09110418)
578405.01	4141296.41	105.39905	(09110418)	578425.01	4141296.41	107.10275	(12010309)
578445.01	4141296.41	120.95148	(12010309)	578465.01	4141296.41	132.33848	(12010309)
578485.01	4141296.41	141.31259	(12010309)	578505.01	4141296.41	147.79036	(12010309)
578525.01	4141296.41	151.73389	(12010309)	578545.01	4141296.41	153.47854	(12010309)
578565.01	4141296.41	153.03803	(12010309)	578585.01	4141296.41	150.36378	(12010309)
578605.01	4141296.41	146.52052	(11122717)	578625.01	4141296.41	142.46766	(16020318)
578645.01	4141296.41	151.04283	(14112017)	578665.01	4141296.41	166.32638	(14112017)
578685.01	4141296.41	177.11130	(09012117)	578705.01	4141296.41	188.76204	(09012117)
578725.01	4141296.41	191.44059	(09012117)	578745.01	4141296.41	186.38967	(09012117)
579005.01	4141296.41	211.40751	(16010818)	579025.01	4141296.41	219.23633	(10121417)
579045.01	4141296.41	223.56445	(10121417)	579065.01	4141296.41	224.80707	(11010718)
579085.01	4141296.41	227.60919	(09011017)	579105.01	4141296.41	228.94999	(10120217)
579125.01	4141296.41	222.61899	(12111417)	579145.01	4141296.41	218.46682	(17121318)
579165.01	4141296.41	209.72626	(15011018)	579185.01	4141296.41	202.59981	(15011018)
579205.01	4141296.41	187.35435	(15011018)	579225.01	4141296.41	166.74275	(15011018)

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        579245.01   4141296.41      154.85824  (09011517)                579265.01
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        579285.01   4141296.41      145.91577  (17122918)                578385.01
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        578405.01   4141316.41      116.56416  (09110418)                578425.01
4141316.41      115.73185  (09110418)
        578445.01   4141316.41      114.00687  (09110418)                578465.01
4141316.41      124.92793  (12010309)
        578485.01   4141316.41      137.99670  (12010309)                578505.01
4141316.41      148.31156  (12010309)
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4141316.41      160.92677  (12010309)
        578565.01   4141316.41      163.64172  (12010309)                578585.01
4141316.41      164.11158  (12010309)
        578605.01   4141316.41      162.20889  (12010309)                578625.01
4141316.41      157.67211  (11122717)
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        578685.01   4141316.41      182.39683  (14112017)                578705.01
4141316.41      196.33688  (09012117)
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4141316.41      246.66761  (12111418)
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4141316.41      228.16698  (15011018)
        579165.01   4141316.41      219.50906  (15011018)                579185.01
4141316.41      201.48030  (15011018)
        579205.01   4141316.41      177.81133  (15011018)                579225.01
4141316.41      165.59033  (17122918)
        579245.01   4141316.41      162.20052  (17122918)                579265.01
4141316.41      158.82076  (14011818)
        579285.01   4141316.41      155.18434  (14011818)                578385.01
4141336.41      121.08732  (09110418)
        578405.01   4141336.41      123.90772  (09110418)                578425.01
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        578445.01   4141336.41      125.86964  (09110418)                578465.01
4141336.41      125.89197  (09110418)
        578485.01   4141336.41      129.02054  (12010309)                578505.01
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4141336.41      165.11883  (12010309)
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4141336.41      175.00520  (12010309)
        578605.01   4141336.41      176.69089  (12010309)                578625.01
4141336.41      175.83120  (12010309)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141336.41	171.75782	(12010309)	578665.01	4141336.41	167.98084	(14112017)
578685.01	4141336.41	187.33317	(14112017)	578705.01	4141336.41	202.22480	(09012117)
579025.01	4141336.41	260.34606	(10121417)	579045.01	4141336.41	265.45643	(11010718)
579065.01	4141336.41	271.56328	(09011017)	579085.01	4141336.41	271.01850	(10120217)
579105.01	4141336.41	264.21906	(17121318)	579125.01	4141336.41	250.89207	(15011018)
579145.01	4141336.41	239.76252	(15011018)	579165.01	4141336.41	217.85415	(15011018)
579185.01	4141336.41	191.53762	(09011517)	579205.01	4141336.41	181.64779	(17122918)
579225.01	4141336.41	177.11871	(14011818)	579245.01	4141336.41	173.15508	(14011818)
579265.01	4141336.41	166.67950	(14011818)	579285.01	4141336.41	158.30069	(14011818)
578385.01	4141356.41	120.79810	(09110418)	578405.01	4141356.41	126.31454	(09110418)
578425.01	4141356.41	130.65500	(09110418)	578445.01	4141356.41	134.05258	(09110418)
578465.01	4141356.41	136.19125	(09110418)	578485.01	4141356.41	137.76750	(09110418)
578505.01	4141356.41	137.68915	(09110418)	578525.01	4141356.41	151.17180	(12010309)
578545.01	4141356.41	165.09472	(12010309)	578565.01	4141356.41	175.45529	(12010309)
578585.01	4141356.41	182.74611	(12010309)	578605.01	4141356.41	187.97486	(12010309)

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        578625.01   4141356.41      191.11524  (12010309)               578645.01
4141356.41      191.60006  (12010309)
        578665.01   4141356.41      188.62381  (12010309)               578685.01
4141356.41      190.03901  (14112017)
        579025.01   4141356.41      289.62291  (10121417)               579045.01
4141356.41      299.11808  (12111418)
        579065.01   4141356.41      304.24547  (10120217)               579085.01
4141356.41      295.27260  (17121318)
        579105.01   4141356.41      279.40954  (15011018)               579125.01
4141356.41      264.39579  (15011018)
        579145.01   4141356.41      237.13998  (15011018)               579165.01
4141356.41      207.53588  (09011517)
        579185.01   4141356.41      200.17573  (14011818)               579205.01
4141356.41      195.48862  (14011818)
        579225.01   4141356.41      187.76810  (14011818)               579245.01
4141356.41      177.87030  (14011818)
        579265.01   4141356.41      171.73098  (17120218)               579285.01
4141356.41      165.08506  (17120218)
        579305.01   4141356.41      157.25133  (17120218)               578385.01
4141376.41      122.86742  (16030918)
        578405.01   4141376.41      124.73313  (16030918)               578425.01
4141376.41      130.92197  (09110418)
        578445.01   4141376.41      137.46637  (09110418)               578465.01
4141376.41      142.62438  (09110418)
        578485.01   4141376.41      146.41772  (09110418)               578505.01
4141376.41      149.40195  (09110418)
        578525.01   4141376.41      151.54174  (09110418)               578545.01
4141376.41      159.24941  (12010309)
        578565.01   4141376.41      175.36887  (12010309)               578585.01
4141376.41      187.31981  (12010309)
        578605.01   4141376.41      196.12346  (12010309)               578625.01
4141376.41      202.86459  (12010309)
        578645.01   4141376.41      207.87423  (12010309)               578665.01
4141376.41      210.52388  (12010309)
        578685.01   4141376.41      209.21003  (12010309)               579005.01
4141376.41      306.46340  (10121417)
        579025.01   4141376.41      329.57810  (10121417)               579045.01
4141376.41      343.13714  (09011017)
        579065.01   4141376.41      335.79820  (17121318)               579085.01
4141376.41      317.00419  (15011018)
        579105.01   4141376.41      295.25429  (15011018)               579125.01
4141376.41      259.98392  (15011018)
        579145.01   4141376.41      230.93153  (14011818)               579165.01
4141376.41      224.68216  (14011818)
        579185.01   4141376.41      214.59447  (14011818)               579205.01
4141376.41      202.19213  (14011818)
        579225.01   4141376.41      194.21242  (17120218)               579245.01
4141376.41      185.36137  (17120218)
        579265.01   4141376.41      175.40848  (17120218)               579285.01
4141376.41      164.96432  (09120518)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579305.01	4141376.41	159.64175	(17112018)	578385.01	4141396.41	127.26810	(16030918)
578405.01	4141396.41	131.69578	(16030918)	578425.01	4141396.41	135.39663	(16030918)
578445.01	4141396.41	138.43665	(16030918)	578465.01	4141396.41	143.35392	(09110418)
578485.01	4141396.41	150.80935	(09110418)	578505.01	4141396.41	156.61891	(09110418)
578525.01	4141396.41	161.79795	(09110418)	578545.01	4141396.41	165.03990	(09110418)
578565.01	4141396.41	168.62798	(12010309)	578585.01	4141396.41	187.26686	(12010309)
578605.01	4141396.41	201.09500	(12010309)	578625.01	4141396.41	211.61322	(12010309)
578645.01	4141396.41	220.33415	(12010309)	578665.01	4141396.41	227.83979	(12010309)
579005.01	4141396.41	355.36100	(10121417)	579025.01	4141396.41	394.65988	(12111418)
579045.01	4141396.41	399.07754	(10120217)	579065.01	4141396.41	371.19829	(17121318)
579085.01	4141396.41	335.73040	(15011018)	579105.01	4141396.41	287.95763	(15011018)
579125.01	4141396.41	265.81368	(14011818)	579145.01	4141396.41	250.77875	(14011818)
579165.01	4141396.41	234.36074	(17120218)	579185.01	4141396.41	222.91226	(17120218)
579205.01	4141396.41	210.48637	(17120218)	579225.01	4141396.41	197.45623	(17120218)

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        579245.01   4141396.41      187.02638  (17112018)               579265.01
4141396.41      179.49733  (17112018)
        579285.01   4141396.41      171.48125  (17112018)               579305.01
4141396.41      163.06988  (17112018)
        578385.01   4141416.41      137.02771  (14120118)               578405.01
4141416.41      138.14201  (14120118)
        578425.01   4141416.41      138.90823  (14120118)               578445.01
4141416.41      144.79691  (16030918)
        578465.01   4141416.41      150.08133  (16030918)               578485.01
4141416.41      154.61067  (16030918)
        578505.01   4141416.41      158.17968  (16030918)               578525.01
4141416.41      166.71643  (09110418)
        578545.01   4141416.41      173.75225  (09110418)               578565.01
4141416.41      179.24980  (09110418)
        578585.01   4141416.41      184.24015  (09110418)               578605.01
4141416.41      201.58523  (12010309)
        578625.01   4141416.41      217.71153  (12010309)               578645.01
4141416.41      230.18967  (12010309)
        578665.01   4141416.41      241.36044  (12010309)               579025.01
4141416.41      512.51237  (10120217)
        579045.01   4141416.41      456.11542  (17121318)               579065.01
4141416.41      393.37550  (15011018)
        579085.01   4141416.41      332.14755  (14011818)               579105.01
4141416.41      304.44142  (14011818)
        579125.01   4141416.41      280.62697  (17120218)               579145.01
4141416.41      261.14060  (17120218)
        579165.01   4141416.41      242.52758  (17120218)               579185.01
4141416.41      225.32618  (17112018)
        579205.01   4141416.41      214.06010  (17112018)               579225.01
4141416.41      202.88607  (17112018)
        579245.01   4141416.41      191.73517  (17112018)               579265.01
4141416.41      180.60223  (17112018)
        579285.01   4141416.41      169.44881  (17112018)               579305.01
4141416.41      158.39121  (17112018)
        578385.01   4141436.41      150.99090  (14120118)               578405.01
4141436.41      154.56641  (14120118)
        578425.01   4141436.41      157.83694  (14120118)               578445.01
4141436.41      160.85750  (14120118)
        578465.01   4141436.41      163.46477  (14120118)               578485.01
4141436.41      165.72590  (14120118)
        578505.01   4141436.41      167.46307  (14120118)               578525.01
4141436.41      173.65993  (16030918)
        578545.01   4141436.41      179.07223  (16030918)               578565.01
4141436.41      186.26475  (09110418)
        578585.01   4141436.41      194.64718  (09110418)               578605.01
4141436.41      202.04286  (09110418)
        578625.01   4141436.41      219.46987  (12010309)               578645.01
4141436.41      238.49562  (12010309)
        579025.01   4141436.41      624.97785  (17121318)               579045.01
4141436.41      496.22242  (15011018)
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579065.01 4141436.41 403.87770 (17120218) 579085.01
4141436.41 353.38159 (17120218)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579105.01	4141436.41	315.25097	(17120218)	579125.01	4141436.41	285.49835	(17112018)
579145.01	4141436.41	265.05336	(17112018)	579165.01	4141436.41	247.01492	(17112018)
579185.01	4141436.41	230.65065	(17112018)	579205.01	4141436.41	215.36308	(17112018)
579225.01	4141436.41	200.78650	(17112018)	579245.01	4141436.41	186.67103	(17112018)
579265.01	4141436.41	176.73913	(10120118)	579285.01	4141436.41	170.12029	(10120118)
579305.01	4141436.41	163.63783	(10120118)	579325.01	4141436.41	157.24470	(10120118)
578385.01	4141456.41	156.92277	(14120118)	578405.01	4141456.41	163.10167	(14120118)
578425.01	4141456.41	169.14753	(14120118)	578445.01	4141456.41	175.07879	(14120118)
578465.01	4141456.41	180.75433	(14120118)	578485.01	4141456.41	186.21172	(14120118)
578505.01	4141456.41	191.10811	(14120118)	578525.01	4141456.41	196.20469	(14120118)
578545.01	4141456.41	200.57935	(14120118)	578565.01	4141456.41	205.18257	(14120118)
578585.01	4141456.41	209.85275	(14120118)	578605.01	4141456.41	214.43565	(14120118)
578625.01	4141456.41	222.30180	(09110418)	578645.01	4141456.41	242.60281	(12010309)

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        579045.01   4141456.41      509.14958  (17120218)               579065.01
4141456.41      405.16917  (17112018)
        579085.01   4141456.41      352.27200  (17112018)               579105.01
4141456.41      316.30454  (17112018)
        579125.01   4141456.41      288.13778  (17112018)               579145.01
4141456.41      264.49709  (17112018)
        579165.01   4141456.41      243.66346  (17112018)               579185.01
4141456.41      227.10097  (10120118)
        579205.01   4141456.41      215.33600  (10120118)               579225.01
4141456.41      204.58407  (10120118)
        579245.01   4141456.41      194.51988  (10120118)               579265.01
4141456.41      185.02692  (10120118)
        578385.01   4141476.41      152.80338  (14120118)               578405.01
4141476.41      161.31929  (14120118)
        578425.01   4141476.41      170.03129  (14120118)               578445.01
4141476.41      178.84150  (14120118)
        578465.01   4141476.41      187.82317  (14120118)               578485.01
4141476.41      196.93009  (14120118)
        578505.01   4141476.41      205.71221  (14120118)               578525.01
4141476.41      214.84853  (14120118)
        578545.01   4141476.41      222.93440  (14120118)               578565.01
4141476.41      231.48382  (14120118)
        578585.01   4141476.41      240.14356  (14120118)               578605.01
4141476.41      249.19256  (14120118)
        578625.01   4141476.41      258.97886  (14120118)               578645.01
4141476.41      270.07132  (14120118)
        579065.01   4141476.41      392.79628  (17112018)               579085.01
4141476.41      346.29010  (17112018)
        579105.01   4141476.41      314.13209  (10120118)               579125.01
4141476.41      288.85995  (10120118)
        579145.01   4141476.41      268.07133  (10120118)               579165.01
4141476.41      250.31956  (10120118)
        579185.01   4141476.41      234.57224  (10120118)               579205.01
4141476.41      220.39736  (10120118)
        579225.01   4141476.41      207.33287  (10120118)               578385.01
4141496.41      153.51876  (12010417)
        578405.01   4141496.41      159.02447  (12010417)               578425.01
4141496.41      164.74978  (12010417)
        578445.01   4141496.41      170.75953  (12010417)               578465.01
4141496.41      181.52535  (14120118)
        578485.01   4141496.41      193.92035  (14120118)               578505.01
4141496.41      206.63045  (14120118)
        578525.01   4141496.41      220.34157  (14120118)               578545.01
4141496.41      233.44519  (14120118)
        578565.01   4141496.41      247.14601  (14120118)               578585.01
4141496.41      261.12202  (14120118)
        578605.01   4141496.41      275.26367  (14120118)               578625.01
4141496.41      289.95116  (14120118)
        578645.01   4141496.41      306.54593  (14120118)               579085.01
4141496.41      353.45051  (10120118)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579105.01	4141496.41	318.22039	(10120118)	579125.01	4141496.41	290.95456	(10120118)
579145.01	4141496.41	269.48397	(10122318)	579165.01	4141496.41	251.77020	(10122318)
579185.01	4141496.41	236.18107	(10122318)	579205.01	4141496.41	222.22511	(10122318)
578385.01	4141516.41	159.73605	(13012417)	578405.01	4141516.41	166.12521	(13012417)
578425.01	4141516.41	172.95274	(13012417)	578445.01	4141516.41	180.24781	(13012417)
578465.01	4141516.41	188.20397	(13012417)	578485.01	4141516.41	197.39407	(12010417)
578505.01	4141516.41	207.21213	(12010417)	578525.01	4141516.41	218.66405	(12010417)
578545.01	4141516.41	229.63755	(12010417)	578565.01	4141516.41	244.29060	(14120118)
578585.01	4141516.41	265.41062	(14120118)	578605.01	4141516.41	288.08288	(14120118)
578625.01	4141516.41	312.28063	(14120118)	578645.01	4141516.41	338.21430	(14120118)
579085.01	4141516.41	351.67883	(10122318)	579105.01	4141516.41	319.16088	(10122318)
579125.01	4141516.41	293.04836	(10122318)	579145.01	4141516.41	271.56089	(11112918)
579165.01	4141516.41	253.31788	(11112918)	578385.01	4141536.41	170.92626	(13012417)
578405.01	4141536.41	178.24787	(13012417)	578425.01	4141536.41	186.23748	(13012417)

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        578445.01   4141536.41      194.94814  (13012417)              578465.01
4141536.41      204.38718  (13012417)
        578485.01   4141536.41      214.80517  (13012417)              578505.01
4141536.41      226.19173  (13012417)
        578525.01   4141536.41      239.64482  (13012417)              578545.01
4141536.41      253.31391  (13012417)
        578565.01   4141536.41      269.76808  (13012417)              578585.01
4141536.41      288.50715  (13012417)
        578605.01   4141536.41      310.24302  (13012417)              578625.01
4141536.41      336.48616  (13012417)
        578645.01   4141536.41      368.63411  (13012417)              578665.01
4141536.41      409.68283  (13012417)
        579105.01   4141536.41      322.10733  (11112918)              579125.01
4141536.41      294.60740  (11112918)
        579185.01   4141536.41      232.81759  (11112918)              578385.01
4141556.41      168.98444  (13012417)
        578405.01   4141556.41      176.31480  (13012417)              578425.01
4141556.41      184.26634  (13012417)
        578445.01   4141556.41      192.99079  (13012417)              578465.01
4141556.41      202.57344  (13012417)
        578485.01   4141556.41      213.05705  (13012417)              578505.01
4141556.41      224.64731  (13012417)
        578525.01   4141556.41      238.12111  (13012417)              578545.01
4141556.41      252.23437  (13012417)
        578565.01   4141556.41      269.22999  (17121418)              578585.01
4141556.41      289.01691  (17121418)
        578605.01   4141556.41      312.60369  (17121418)              578625.01
4141556.41      341.28163  (17121418)
        578645.01   4141556.41      377.70111  (17121418)              578665.01
4141556.41      426.79273  (17121418)
        578685.01   4141556.41      500.07149  (17121418)              579165.01
4141556.41      232.91466  (11112918)
        579185.01   4141556.41      214.21339  (11112918)              579205.01
4141556.41      198.06412  (11112918)
        578385.01   4141576.41      158.93434  (17121418)              578405.01
4141576.41      165.51354  (17121418)
        578425.01   4141576.41      172.64001  (17121418)              578445.01
4141576.41      180.38480  (17121418)
        578465.01   4141576.41      188.76627  (17121418)              578485.01
4141576.41      197.95524  (17121418)
        578505.01   4141576.41      208.11525  (17121418)              578525.01
4141576.41      219.61358  (17121418)
        578545.01   4141576.41      231.77958  (17121418)              578565.01
4141576.41      245.73640  (17121418)
        578585.01   4141576.41      261.54977  (17121418)              578605.01
4141576.41      279.76806  (17121418)
        578625.01   4141576.41      301.13009  (17121418)              578645.01
4141576.41      326.89445  (17121418)
        578665.01   4141576.41      358.48262  (17121418)              578685.01
4141576.41      401.16298  (16120718)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578705.01	4141576.41	466.02165	(16120718)	579145.01	4141576.41	251.26933	(16011318)
579165.01	4141576.41	230.78601	(16011318)	579185.01	4141576.41	213.21973	(16011318)
579205.01	4141576.41	197.81028	(16011318)	579225.01	4141576.41	184.12235	(16011318)
579245.01	4141576.41	171.79937	(16011318)	579265.01	4141576.41	160.68906	(16011318)
578385.01	4141596.41	146.25611	(10012218)	578405.01	4141596.41	152.10012	(10012218)
578425.01	4141596.41	158.14391	(10012218)	578445.01	4141596.41	164.59625	(10012218)
578465.01	4141596.41	171.34362	(10012218)	578485.01	4141596.41	178.48024	(10012218)
578505.01	4141596.41	186.28239	(10012218)	578525.01	4141596.41	194.71095	(10012218)
578545.01	4141596.41	203.01890	(10012218)	578565.01	4141596.41	212.36459	(10012218)
578585.01	4141596.41	222.26156	(10012218)	578605.01	4141596.41	233.02850	(10012218)
578625.01	4141596.41	268.92445	(16120718)	578645.01	4141596.41	307.27682	(16120718)
578665.01	4141596.41	342.61231	(16120718)	578685.01	4141596.41	377.75903	(16120718)
578705.01	4141596.41	415.22364	(16120718)	578725.01	4141596.41	460.01326	(16120718)
578745.01	4141596.41	521.28136	(16120718)	579105.01	4141596.41	293.54490	(16011318)

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        579145.01   4141596.41      250.47132  (16011318)               579165.01
4141596.41      232.98414  (16011318)
        579185.01   4141596.41      217.55207  (16011318)               579205.01
4141596.41      203.77030  (16011318)
        579225.01   4141596.41      191.34401  (16011318)               579245.01
4141596.41      180.03135  (16011318)
        579265.01   4141596.41      169.69388  (16011318)               579285.01
4141596.41      160.07252  (16011318)
        579305.01   4141596.41      151.30703  (16011318)               579325.01
4141596.41      143.13011  (16011318)
        579345.01   4141596.41      135.54237  (16011318)               578385.01
4141616.41      137.68612  (10012218)
        578405.01   4141616.41      141.92082  (10012218)               578425.01
4141616.41      146.26343  (10012218)
        578445.01   4141616.41      150.69785  (10012218)               578465.01
4141616.41      155.27557  (10012218)
        578485.01   4141616.41      160.04550  (10012218)               578505.01
4141616.41      165.16353  (10012218)
        578525.01   4141616.41      170.95021  (15102718)               578545.01
4141616.41      186.70722  (15102718)
        578565.01   4141616.41      202.73007  (15102718)               578585.01
4141616.41      228.98864  (16120718)
        578605.01   4141616.41      255.99795  (16120718)               578625.01
4141616.41      280.33596  (16120718)
        578645.01   4141616.41      301.91146  (16120718)               578665.01
4141616.41      322.71781  (16120718)
        578685.01   4141616.41      344.11072  (16120718)               578705.01
4141616.41      367.18651  (16120718)
        578725.01   4141616.41      394.23197  (16120718)               578745.01
4141616.41      431.21940  (16120718)
        579065.01   4141616.41      317.58415  (09012218)               579085.01
4141616.41      293.76315  (09012218)
        579105.01   4141616.41      269.81812  (09012218)               579125.01
4141616.41      249.11166  (17010418)
        579165.01   4141616.41      218.25448  (17010418)               579185.01
4141616.41      206.89886  (16011318)
        579205.01   4141616.41      196.47462  (16011318)               579225.01
4141616.41      186.74809  (16011318)
        579245.01   4141616.41      177.65153  (16011318)               579265.01
4141616.41      169.12648  (16011318)
        579285.01   4141616.41      160.98907  (16011318)               579305.01
4141616.41      153.49090  (16011318)
        579325.01   4141616.41      146.43298  (16011318)               579345.01
4141616.41      139.75843  (16011318)
        578385.01   4141636.41      121.67486  (10012218)               578405.01
4141636.41      124.28894  (10012218)
        578425.01   4141636.41      126.94767  (10012218)               578445.01
4141636.41      133.00804  (15102718)
        578465.01   4141636.41      144.86917  (15102718)               578485.01
4141636.41      156.70826  (15102718)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578505.01	4141636.41	168.42488	(15102718)	578525.01	4141636.41	180.00698	(16120718)
578545.01	4141636.41	201.49188	(16120718)	578565.01	4141636.41	221.91953	(16120718)
578585.01	4141636.41	240.46904	(16120718)	578605.01	4141636.41	256.61097	(16120718)
578625.01	4141636.41	270.79494	(16120718)	578645.01	4141636.41	284.03575	(16120718)
578665.01	4141636.41	297.02091	(16120718)	578685.01	4141636.41	311.12465	(16120718)
578705.01	4141636.41	327.19043	(16120718)	578725.01	4141636.41	350.15641	(09121117)
579045.01	4141636.41	303.40903	(09012218)	579065.01	4141636.41	285.71687	(09012218)
579085.01	4141636.41	270.15834	(09012218)	579105.01	4141636.41	255.44883	(09012218)
579125.01	4141636.41	240.43977	(09012218)	579165.01	4141636.41	208.58073	(09012218)
579185.01	4141636.41	197.01399	(17010418)	579205.01	4141636.41	187.63220	(17010418)
579225.01	4141636.41	178.35405	(17010418)	579245.01	4141636.41	169.26588	(17010418)
579265.01	4141636.41	160.39928	(17010418)	579285.01	4141636.41	153.28821	(16011318)
579305.01	4141636.41	147.65000	(16011318)	579325.01	4141636.41	142.19812	(16011318)
579345.01	4141636.41	136.94435	(16011318)	578385.01	4141656.41	116.95273	(15102718)

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        578405.01   4141656.41      126.18902  (15102718)              578425.01
4141656.41      135.36219  (15102718)
        578445.01   4141656.41      144.39759  (15102718)              578465.01
4141656.41      153.18354  (15102718)
        578485.01   4141656.41      164.14046  (16120718)              578505.01
4141656.41      181.31148  (16120718)
        578525.01   4141656.41      197.21949  (16120718)              578545.01
4141656.41      211.59125  (16120718)
        578565.01   4141656.41      224.19545  (16120718)              578585.01
4141656.41      235.06672  (16120718)
        578605.01   4141656.41      244.62542  (16120718)              578625.01
4141656.41      253.48455  (16120718)
        578645.01   4141656.41      261.80000  (16120718)              578665.01
4141656.41      270.24892  (16120718)
        578685.01   4141656.41      284.47506  (12111618)              578705.01
4141656.41      306.41830  (09121117)
        578725.01   4141656.41      337.31228  (12010318)              579005.01
4141656.41      311.98766  (17112518)
        579025.01   4141656.41      292.02879  (17112518)              579045.01
4141656.41      274.31920  (17112518)
        579065.01   4141656.41      258.09419  (17112518)              579085.01
4141656.41      244.18642  (09012218)
        579105.01   4141656.41      234.77478  (09012218)              579125.01
4141656.41      225.45641  (09012218)
        579145.01   4141656.41      215.73177  (09012218)              579185.01
4141656.41      194.14897  (09012218)
        579205.01   4141656.41      182.46750  (09012218)              579225.01
4141656.41      170.51546  (09012218)
        579245.01   4141656.41      162.84456  (17010418)              579265.01
4141656.41      156.69169  (17010418)
        579285.01   4141656.41      150.49257  (17010418)              579305.01
4141656.41      144.28852  (17010418)
        579325.01   4141656.41      138.03734  (17010418)              579345.01
4141656.41      131.86267  (17010418)
        578385.01   4141676.41      126.46024  (15102718)              578405.01
4141676.41      133.32037  (15102718)
        578425.01   4141676.41      139.73331  (15102718)              578445.01
4141676.41      151.25599  (16120718)
        578465.01   4141676.41      165.14410  (16120718)              578485.01
4141676.41      178.04209  (16120718)
        578505.01   4141676.41      189.82700  (16120718)              578525.01
4141676.41      199.85706  (16120718)
        578545.01   4141676.41      208.38091  (16120718)              578565.01
4141676.41      215.56252  (16120718)
        578585.01   4141676.41      221.73242  (16120718)              578605.01
4141676.41      227.13851  (16120718)
        578625.01   4141676.41      232.21107  (16120718)              578645.01
4141676.41      241.34455  (12111618)
        578665.01   4141676.41      258.23948  (12111618)              578685.01
4141676.41      275.58950  (09121117)
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        578705.01   4141676.41      298.71945  (12010318)                578985.01
4141676.41      288.96475  (11121618)
        579005.01   4141676.41      274.98124  (17112518)                579025.01
4141676.41      263.06940  (17112518)
        579045.01   4141676.41      251.61064  (17112518)                579065.01
4141676.41      240.37839  (17112518)
        579085.01   4141676.41      229.31663  (17112518)                579105.01
4141676.41      218.19979  (17112518)
        579125.01   4141676.41      206.61877  (17112518)                579145.01
4141676.41      199.72164  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 613
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP2   ***
                                    INCLUDING SOURCE(S):     ARCHD       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579165.01   4141676.41      193.71042  (09012218)                579185.01
4141676.41      186.96102  (09012218)
        579205.01   4141676.41      179.44607  (09012218)                579225.01
4141676.41      171.23266  (09012218)
        579245.01   4141676.41      162.47510  (09012218)                579265.01
4141676.41      153.33672  (09012218)
        579285.01   4141676.41      143.96360  (09012218)                579305.01
4141676.41      137.94882  (17010418)
        579325.01   4141676.41      133.86046  (17010418)                579345.01
4141676.41      129.60117  (17010418)
        578385.01   4141696.41      128.74383  (16120718)                578405.01
4141696.41      140.54536  (16120718)
        578425.01   4141696.41      151.93944  (16120718)                578445.01
4141696.41      162.60692  (16120718)
        578465.01   4141696.41      172.10024  (16120718)                578485.01
4141696.41      180.25722  (16120718)
        578505.01   4141696.41      187.25543  (16120718)                578525.01
4141696.41      192.89257  (16120718)
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        578565.01   4141696.41      200.92626  (16120718)              578585.01
4141696.41      203.79546  (16120718)
        578605.01   4141696.41      209.82059  (12111618)              578625.01
4141696.41      223.87600  (12111618)
        578645.01   4141696.41      237.08688  (12111618)              578665.01
4141696.41      252.09517  (09121117)
        578685.01   4141696.41      270.22571  (12010318)              578945.01
4141696.41      292.95658  (14121218)
        578965.01   4141696.41      265.76821  (13012318)              578985.01
4141696.41      251.05667  (11121618)
        579005.01   4141696.41      244.07523  (11121618)              579025.01
4141696.41      235.90287  (11121618)
        579045.01   4141696.41      227.17948  (17112518)              579065.01
4141696.41      220.94213  (17112518)
        579085.01   4141696.41      214.01755  (17112518)              579105.01
4141696.41      206.54138  (17112518)
        579125.01   4141696.41      198.50216  (17112518)              579145.01
4141696.41      189.75941  (17112518)
        579165.01   4141696.41      179.97547  (17112518)              579185.01
4141696.41      173.28464  (09012218)
        579205.01   4141696.41      169.34419  (09012218)              579225.01
4141696.41      164.62567  (09012218)
        579245.01   4141696.41      159.14721  (09012218)              579265.01
4141696.41      153.01656  (09012218)
        579285.01   4141696.41      146.30889  (09012218)              579305.01
4141696.41      139.13481  (09012218)
        579325.01   4141696.41      131.74322  (09012218)              579345.01
4141696.41      124.35019  (16112518)
        578385.01   4141716.41      140.85041  (16120718)              578405.01
4141716.41      149.61552  (16120718)
        578425.01   4141716.41      157.50408  (16120718)              578445.01
4141716.41      164.26238  (16120718)
        578465.01   4141716.41      169.72582  (16120718)              578485.01
4141716.41      174.04130  (16120718)
        578505.01   4141716.41      177.46310  (16120718)              578525.01
4141716.41      179.87871  (16120718)
        578605.01   4141716.41      209.32885  (12111618)              578625.01
4141716.41      219.43209  (12111618)
        578645.01   4141716.41      233.12334  (09121117)              578665.01
4141716.41      247.84066  (12010318)
        578685.01   4141716.41      261.50381  (12010318)              578905.01
4141716.41      329.98539  (14121218)
        578925.01   4141716.41      296.92970  (14121218)              578945.01
4141716.41      267.40520  (14121218)
        578965.01   4141716.41      242.22746  (13012318)              578985.01
4141716.41      229.26656  (13012318)
        579005.01   4141716.41      215.54488  (13012318)              579025.01
4141716.41      210.41994  (11121618)
        579045.01   4141716.41      207.17903  (11121618)              579065.01
4141716.41      202.28129  (11121618)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579085.01	4141716.41	196.24887	(11121618)	579105.01	4141716.41	191.98794	(17112518)
579125.01	4141716.41	187.31880	(17112518)	579145.01	4141716.41	181.75570	(17112518)
579165.01	4141716.41	175.30042	(17112518)	579185.01	4141716.41	167.78288	(17112518)
579205.01	4141716.41	159.11473	(17112518)	579225.01	4141716.41	152.25248	(09012218)
579245.01	4141716.41	149.73177	(09012218)	579265.01	4141716.41	146.52083	(09012218)
579285.01	4141716.41	142.56210	(09012218)	579305.01	4141716.41	137.90394	(09012218)
579325.01	4141716.41	132.75503	(09012218)	579345.01	4141716.41	127.16437	(09012218)
578385.01	4141736.41	145.01856	(16120718)	578405.01	4141736.41	150.58174	(16120718)
578425.01	4141736.41	155.05829	(16120718)	578445.01	4141736.41	158.37356	(16120718)
578465.01	4141736.41	160.63147	(16120718)	578485.01	4141736.41	161.98414	(16120718)
578505.01	4141736.41	162.74062	(16120718)	578625.01	4141736.41	217.24463	(09121117)
578645.01	4141736.41	229.43954	(12010318)	578665.01	4141736.41	240.12009	(12010318)
578865.01	4141736.41	290.24336	(09112618)	578885.01	4141736.41	290.97249	(14121218)
578905.01	4141736.41	292.91431	(14121218)	578925.01	4141736.41	271.87176	(14121218)

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        578945.01   4141736.41      248.22221  (14121218)              578965.01
4141736.41      226.28659  (14121218)
        578985.01   4141736.41      212.08037  (13012318)              579005.01
4141736.41      203.06756  (13012318)
        579025.01   4141736.41      192.55342  (13012318)              579045.01
4141736.41      183.15621  (11121618)
        579065.01   4141736.41      183.51452  (11121618)              579085.01
4141736.41      181.69790  (11121618)
        579105.01   4141736.41      178.26533  (11121618)              579125.01
4141736.41      173.58558  (11121618)
        579145.01   4141736.41      170.34750  (17112518)              579165.01
4141736.41      166.90234  (17112518)
        579185.01   4141736.41      162.38509  (17112518)              579205.01
4141736.41      156.76013  (17112518)
        579225.01   4141736.41      150.01713  (17112518)              579245.01
4141736.41      142.71832  (15110918)
        579265.01   4141736.41      136.92576  (15110918)              579285.01
4141736.41      133.59515  (09012218)
        579305.01   4141736.41      131.47136  (09012218)              579325.01
4141736.41      128.64301  (09012218)
        579345.01   4141736.41      125.20381  (09012218)              578385.01
4141756.41      142.32468  (16120718)
        578405.01   4141756.41      144.88598  (16120718)              578425.01
4141756.41      146.43933  (16120718)
        578445.01   4141756.41      147.02047  (16120718)              578465.01
4141756.41      147.33556  (09122918)
        578485.01   4141756.41      151.88787  (10122417)              578845.01
4141756.41      285.76370  (09112618)
        578865.01   4141756.41      253.15282  (14103118)              578885.01
4141756.41      243.76581  (12121918)
        578905.01   4141756.41      259.47887  (14121218)              578925.01
4141756.41      250.60100  (14121218)
        578945.01   4141756.41      232.69122  (14121218)              578965.01
4141756.41      213.95791  (14121218)
        578985.01   4141756.41      196.49636  (14121218)              579005.01
4141756.41      189.48033  (13012318)
        579025.01   4141756.41      182.94348  (13012318)              579045.01
4141756.41      174.60107  (13012318)
        579065.01   4141756.41      165.31907  (13012318)              579085.01
4141756.41      163.30735  (11121618)
        579105.01   4141756.41      163.88640  (11121618)              579125.01
4141756.41      162.56853  (11121618)
        579145.01   4141756.41      159.77491  (11121618)              579165.01
4141756.41      155.74692  (11121618)
        579185.01   4141756.41      153.31417  (17112518)              579205.01
4141756.41      150.49097  (17112518)
        579225.01   4141756.41      146.52266  (17112518)              579245.01
4141756.41      141.44325  (17112518)
        579265.01   4141756.41      135.30772  (17112518)              579285.01
4141756.41      129.35773  (15110918)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579305.01	4141756.41	124.36579	(15110918)	579325.01	4141756.41	120.01202	(09012218)
579345.01	4141756.41	118.68857	(09012218)	578385.01	4141776.41	133.98305	(16120718)
578405.01	4141776.41	134.03287	(16120718)	578425.01	4141776.41	136.09708	(09122918)
578445.01	4141776.41	139.66634	(10122417)	578465.01	4141776.41	143.46637	(10122417)
578485.01	4141776.41	153.00765	(12111618)	578825.01	4141776.41	269.91008	(09112618)
578845.01	4141776.41	238.01009	(09112618)	578865.01	4141776.41	227.17469	(14103118)
578885.01	4141776.41	218.92261	(14103118)	578905.01	4141776.41	229.30739	(14121218)
578925.01	4141776.41	230.58818	(14121218)	578945.01	4141776.41	219.03757	(14121218)
578965.01	4141776.41	203.51522	(14121218)	578985.01	4141776.41	187.96839	(14121218)
579005.01	4141776.41	173.26894	(14121218)	579025.01	4141776.41	171.70719	(13012318)
579045.01	4141776.41	166.84120	(13012318)	579065.01	4141776.41	160.03352	(13012318)
579085.01	4141776.41	152.12946	(13012318)	579105.01	4141776.41	145.67645	(11121618)
579125.01	4141776.41	148.11984	(11121618)	579145.01	4141776.41	148.56281	(11121618)
579165.01	4141776.41	147.37424	(11121618)	579185.01	4141776.41	144.80452	(11121618)

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        579205.01   4141776.41      140.99748  (11121618)               579225.01
4141776.41      139.34124  (17112518)
        579245.01   4141776.41      136.83748  (17112518)               579265.01
4141776.41      133.20935  (17112518)
        579285.01   4141776.41      128.52728  (17112518)               579305.01
4141776.41      122.86286  (17112518)
        579325.01   4141776.41      118.10957  (15110918)               579345.01
4141776.41      113.75544  (15110918)
        578405.01   4141796.41      129.38100  (10122417)               578425.01
4141796.41      132.84170  (10122417)
        578445.01   4141796.41      138.54926  (12111618)               578465.01
4141796.41      147.54474  (12111618)
        578805.01   4141796.41      249.09697  (09112618)               578825.01
4141796.41      234.97429  (09112618)
        578845.01   4141796.41      201.89564  (11112817)               578865.01
4141796.41      207.00279  (14103118)
        578885.01   4141796.41      200.50113  (14103118)               578905.01
4141796.41      202.62750  (14121218)
        578925.01   4141796.41      211.20080  (14121218)               578945.01
4141796.41      205.98691  (14121218)
        578965.01   4141796.41      194.18481  (14121218)               578985.01
4141796.41      180.62135  (14121218)
        579005.01   4141796.41      167.15503  (14121218)               579025.01
4141796.41      157.88793  (13012318)
        579045.01   4141796.41      157.25131  (13012318)               579065.01
4141796.41      153.53099  (13012318)
        579085.01   4141796.41      147.86485  (13012318)               579105.01
4141796.41      140.98308  (13012318)
        579125.01   4141796.41      133.19775  (13012318)               579145.01
4141796.41      134.02615  (11121618)
        579165.01   4141796.41      135.89268  (11121618)               579185.01
4141796.41      136.06270  (11121618)
        579205.01   4141796.41      134.77039  (11121618)               579225.01
4141796.41      132.16882  (11121618)
        579245.01   4141796.41      128.77046  (17112518)               579265.01
4141796.41      127.56140  (17112518)
        579285.01   4141796.41      125.20863  (17112518)               579305.01
4141796.41      121.80158  (17112518)
        579325.01   4141796.41      117.44756  (17112518)               579345.01
4141796.41      112.25159  (17112518)
        578445.01   4141816.41      142.08084  (12111618)               578585.01
4141816.41      180.44028  (12010318)
        578605.01   4141816.41      180.85922  (12010318)               578665.01
4141816.41      200.14972  (09010809)
        578685.01   4141816.41      208.74480  (09010809)               578785.01
4141816.41      227.65775  (09112618)
        578805.01   4141816.41      225.77263  (09112618)               578825.01
4141816.41      201.94055  (09112618)
        578845.01   4141816.41      184.36291  (14103118)               578865.01
4141816.41      190.71573  (14103118)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578885.01	4141816.41	185.25873	(14103118)	578905.01	4141816.41	183.39357	(12121918)
578925.01	4141816.41	192.62457	(14121218)	578945.01	4141816.41	193.04248	(14121218)
578965.01	4141816.41	185.24557	(14121218)	578985.01	4141816.41	173.96146	(14121218)
579005.01	4141816.41	161.80621	(14121218)	579025.01	4141816.41	150.77917	(14020618)
579045.01	4141816.41	145.29126	(13012318)	579065.01	4141816.41	145.21829	(13012318)
579085.01	4141816.41	142.29748	(13012318)	579105.01	4141816.41	137.47944	(13012318)
579125.01	4141816.41	131.36834	(13012318)	579145.01	4141816.41	124.21347	(13012318)
579165.01	4141816.41	121.37434	(11121618)	579185.01	4141816.41	124.35814	(11121618)
579205.01	4141816.41	125.65614	(11121618)	579225.01	4141816.41	125.46941	(11121618)
579245.01	4141816.41	123.92536	(11121618)	579265.01	4141816.41	121.14449	(11121618)
579285.01	4141816.41	118.62427	(17112518)	579305.01	4141816.41	117.43624	(17112518)
579325.01	4141816.41	115.17434	(17112518)	579345.01	4141816.41	111.95268	(17112518)
578565.01	4141836.41	169.03806	(12010318)	578585.01	4141836.41	167.95508	(12010318)
578605.01	4141836.41	173.56546	(11112818)	578625.01	4141836.41	178.88231	(11112818)

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        578645.01   4141836.41      187.40053  (09010809)               578665.01
4141836.41      194.97143  (09010809)
        578685.01   4141836.41      197.46110  (09010809)               578705.01
4141836.41      192.09152  (09010809)
        578725.01   4141836.41      195.82967  (12112718)               578765.01
4141836.41      211.90273  (12112718)
        578785.01   4141836.41      212.82054  (09112618)               578805.01
4141836.41      200.75368  (09112618)
        578825.01   4141836.41      174.98264  (16120918)               578845.01
4141836.41      172.31171  (14103118)
        578865.01   4141836.41      177.23316  (14103118)               578885.01
4141836.41      172.35477  (14103118)
        578905.01   4141836.41      168.91248  (12121918)               578925.01
4141836.41      175.12850  (14121218)
        578945.01   4141836.41      180.10789  (14121218)               578965.01
4141836.41      176.29139  (14121218)
        578985.01   4141836.41      167.59689  (14121218)               579005.01
4141836.41      156.94156  (14121218)
        579025.01   4141836.41      145.59751  (14121218)               579045.01
4141836.41      138.52411  (14020618)
        579065.01   4141836.41      134.73750  (13012318)               579085.01
4141836.41      134.98570  (13012318)
        579105.01   4141836.41      132.65752  (13012318)               579125.01
4141836.41      128.46926  (13012318)
        579145.01   4141836.41      122.93080  (13012318)               579165.01
4141836.41      116.26063  (13012318)
        579185.01   4141836.41      109.99512  (11121618)               579205.01
4141836.41      113.82632  (11121618)
        579225.01   4141836.41      116.04830  (11121618)               579245.01
4141836.41      116.79642  (11121618)
        579265.01   4141836.41      116.19047  (11121618)               579285.01
4141836.41      114.37179  (11121618)
        579305.01   4141836.41      111.43132  (11121618)               579325.01
4141836.41      109.84357  (17112518)
        579345.01   4141836.41      108.61129  (17112518)               578565.01
4141856.41      157.11491  (11112818)
        578585.01   4141856.41      164.04524  (11112818)               578605.01
4141856.41      168.35867  (11112818)
        578625.01   4141856.41      176.24737  (09010809)               578645.01
4141856.41      182.93920  (09010809)
        578665.01   4141856.41      184.89641  (09010809)               578685.01
4141856.41      179.76518  (09010809)
        578705.01   4141856.41      179.61393  (16121017)               578725.01
4141856.41      192.10727  (12112718)
        578745.01   4141856.41      198.16772  (12112718)               578765.01
4141856.41      198.48994  (09112618)
        578785.01   4141856.41      195.07589  (09112618)               578805.01
4141856.41      175.78919  (09112618)
        578825.01   4141856.41      160.95475  (11112817)               578845.01
4141856.41      161.89416  (14103118)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578865.01	4141856.41	165.71763	(14103118)	578885.01	4141856.41	161.23713	(14103118)
578905.01	4141856.41	156.00096	(12121918)	578925.01	4141856.41	159.35948	(12121918)
578945.01	4141856.41	167.31144	(14121218)	578965.01	4141856.41	167.15386	(14121218)
578985.01	4141856.41	161.22042	(14121218)	579005.01	4141856.41	152.30713	(14121218)
579025.01	4141856.41	142.07408	(14121218)	579045.01	4141856.41	134.31053	(14020618)
579065.01	4141856.41	127.88235	(14020618)	579085.01	4141856.41	125.73584	(13012318)
579105.01	4141856.41	126.18710	(13012318)	579125.01	4141856.41	124.24418	(13012318)
579145.01	4141856.41	120.53319	(13012318)	579165.01	4141856.41	115.43526	(13012318)
579185.01	4141856.41	109.15717	(13012318)	579205.01	4141856.41	101.77475	(13012318)
579225.01	4141856.41	104.20534	(11121618)	579245.01	4141856.41	107.15189	(11121618)
579265.01	4141856.41	108.68096	(11121618)	579285.01	4141856.41	108.92743	(11121618)
579305.01	4141856.41	107.94400	(11121618)	579325.01	4141856.41	105.81145	(11121618)
579345.01	4141856.41	102.70049	(11121618)	578545.01	4141876.41	149.40793	(11112818)
578565.01	4141876.41	155.48702	(11112818)	578585.01	4141876.41	158.92320	(11112818)

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        578605.01   4141876.41      166.32661  (09010809)              578625.01
4141876.41      172.34433  (09010809)
        578645.01   4141876.41      173.93708  (09010809)              578665.01
4141876.41      169.13819  (09010809)
        578685.01   4141876.41      169.12453  (16121017)              578705.01
4141876.41      177.62838  (12112718)
        578725.01   4141876.41      185.23620  (12112718)              578745.01
4141876.41      184.10489  (09112618)
        578765.01   4141876.41      186.39156  (09112618)              578785.01
4141876.41      175.62069  (09112618)
        578805.01   4141876.41      156.50001  (16120918)              578825.01
4141876.41      148.25370  (11112817)
        578845.01   4141876.41      152.72404  (14103118)              578865.01
4141876.41      155.71140  (14103118)
        578885.01   4141876.41      151.51523  (14103118)              578905.01
4141876.41      144.41183  (12121918)
        578925.01   4141876.41      149.64767  (12121918)              578945.01
4141876.41      154.82891  (14121218)
        578965.01   4141876.41      157.83996  (14121218)              578985.01
4141876.41      154.66013  (14121218)
        579005.01   4141876.41      147.68569  (14121218)              579025.01
4141876.41      138.71540  (14121218)
        579045.01   4141876.41      129.35851  (14020618)              579065.01
4141876.41      124.72430  (14020618)
        579085.01   4141876.41      118.40876  (14020618)              579105.01
4141876.41      117.95603  (13012318)
        579125.01   4141876.41      118.48501  (13012318)              579145.01
4141876.41      116.82986  (13012318)
        579165.01   4141876.41      113.46519  (13012318)              579185.01
4141876.41      108.70795  (13012318)
        579205.01   4141876.41      102.76020  (13012318)              579225.01
4141876.41       95.71455  (13012318)
        579245.01   4141876.41       95.52461  (16112618)              579265.01
4141876.41       98.93062  (11121618)
        579285.01   4141876.41      101.11424  (11121618)              579305.01
4141876.41      102.04872  (11121618)
        579325.01   4141876.41      101.77439  (11121618)              579345.01
4141876.41      100.44513  (11121618)
        578545.01   4141896.41      147.70354  (11112818)              578565.01
4141896.41      150.40460  (11112818)
        578585.01   4141896.41      157.46196  (09010809)              578605.01
4141896.41      162.93450  (09010809)
        578625.01   4141896.41      164.26953  (09010809)              578645.01
4141896.41      159.82557  (09010809)
        578665.01   4141896.41      159.80562  (16121017)              578685.01
4141896.41      164.72990  (12112718)
        578705.01   4141896.41      173.19567  (12112718)              578725.01
4141896.41      174.93690  (12112718)
        578745.01   4141896.41      176.22947  (09112618)              578765.01
4141896.41      172.01420  (09112618)
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        578785.01   4141896.41      157.04835  (16120918)               578805.01
4141896.41      143.83994  (11112817)
        578825.01   4141896.41      136.43625  (11112817)               578845.01
4141896.41      144.60230  (14103118)
        578865.01   4141896.41      146.94062  (14103118)               578885.01
4141896.41      142.90385  (14103118)
        578905.01   4141896.41      133.96000  (12121918)               578925.01
4141896.41      140.59268  (12121918)
        578945.01   4141896.41      142.81887  (14121218)               578965.01
4141896.41      148.43947  (14121218)
        578985.01   4141896.41      147.86987  (14121218)               579005.01
4141896.41      142.93187  (14121218)
        579025.01   4141896.41      135.37372  (14121218)               579045.01
4141896.41      126.22193  (14121218)
        579065.01   4141896.41      120.92249  (14020618)               579085.01
4141896.41      116.12441  (14020618)
        579105.01   4141896.41      109.80446  (14020618)               579125.01
4141896.41      111.14218  (13012318)
        579145.01   4141896.41      111.69423  (13012318)               579165.01
4141896.41      110.21054  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 618
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP2   ***
                                   INCLUDING SOURCE(S):     ARCHD       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579185.01   4141896.41      107.11056  (13012318)               579205.01
4141896.41      102.62385  (13012318)
        579225.01   4141896.41       96.94984  (13012318)               579245.01
4141896.41       90.23063  (13012318)
        579265.01   4141896.41       89.62493  (16112618)               579285.01
4141896.41       91.34305  (11121618)
        579305.01   4141896.41       94.03078  (11121618)               579325.01
4141896.41       95.54708  (11121618)
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        579345.01   4141896.41       95.93362  (11121618)               578565.01
4141916.41      149.50279  (09010809)
        578585.01   4141916.41      154.46304  (09010809)               578605.01
4141916.41      155.65094  (09010809)
        578625.01   4141916.41      151.57623  (09010809)               578645.01
4141916.41      151.40660  (16121017)
        578665.01   4141916.41      153.14101  (12112718)               578685.01
4141916.41      162.06536  (12112718)
        578705.01   4141916.41      165.89087  (12112718)               578725.01
4141916.41      165.51469  (09112618)
        578745.01   4141916.41      165.98388  (09112618)               578765.01
4141916.41      156.15593  (09112618)
        578785.01   4141916.41      141.77508  (14120418)               578805.01
4141916.41      134.37393  (11112817)
        578825.01   4141916.41      129.95090  (14103118)               578845.01
4141916.41      137.33819  (14103118)
        578865.01   4141916.41      139.12949  (14103118)               578885.01
4141916.41      135.18967  (14103118)
        578905.01   4141916.41      126.45718  (14103118)               578925.01
4141916.41      132.16231  (12121918)
        578945.01   4141916.41      133.76514  (12121918)               578965.01
4141916.41      139.07418  (14121218)
        578985.01   4141916.41      140.84785  (14121218)               579005.01
4141916.41      137.95758  (14121218)
        579025.01   4141916.41      131.93965  (14121218)               579045.01
4141916.41      123.91047  (14121218)
        579065.01   4141916.41      116.38937  (14020618)               579085.01
4141916.41      113.25625  (14020618)
        579105.01   4141916.41      108.26960  (14020618)               579125.01
4141916.41      102.35371  (13012318)
        579145.01   4141916.41      105.10916  (13012318)               579165.01
4141916.41      105.62777  (13012318)
        579185.01   4141916.41      104.28635  (13012318)               578386.27
4141125.26       97.72345  (11122717)
        578406.27   4141125.26       95.35527  (11122717)               578426.27
4141125.26       91.88617  (11122717)
        578446.27   4141125.26       87.29727  (11122717)               578466.27
4141125.26       90.37127  (16020318)
        578486.27   4141125.26       93.85181  (16020318)               578506.27
4141125.26       95.10137  (16020318)
        578526.27   4141125.26       94.71275  (16020318)               578546.27
4141125.26      101.49778  (14112017)
        578566.27   4141125.26      110.37700  (14112017)               578586.27
4141125.26      115.58799  (14112017)
        578606.27   4141125.26      119.64177  (09012117)               578626.27
4141125.26      125.60724  (09012117)
        578646.27   4141125.26      127.02632  (09012117)               578666.27
4141125.26      124.95108  (09012117)
        578686.27   4141125.26      122.53612  (14121217)               578706.27
4141125.26      124.52896  (14121217)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP2 ***
INCLUDING SOURCE(S): ARCHD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578726.27	4141125.26	122.75074	(14121217)	578746.27	4141125.26	124.54404	(11010818)
578766.27	4141125.26	127.08622	(14010318)	578786.27	4141125.26	128.69300	(14010318)
578806.27	4141125.26	127.41264	(14010318)	578826.27	4141125.26	127.03107	(16120717)
578846.27	4141125.26	127.42724	(16120717)	578866.27	4141125.26	127.72280	(09013118)
578886.27	4141125.26	130.38996	(09013118)	578906.27	4141125.26	130.94420	(09013118)
578926.27	4141125.26	129.89115	(10120918)	578946.27	4141125.26	129.01103	(09011617)
578966.27	4141125.26	133.83141	(09011617)	578986.27	4141125.26	136.88089	(09011617)
579006.27	4141125.26	137.56115	(09011617)	579026.27	4141125.26	134.46147	(09011617)
579046.27	4141125.26	138.60371	(16010818)	579066.27	4141125.26	139.44027	(10121417)
579086.27	4141125.26	141.84528	(10121417)	579106.27	4141125.26	138.48115	(10121417)
579126.27	4141125.26	138.42124	(11010718)	579146.27	4141125.26	138.58958	(13113018)
579166.27	4141125.26	140.01236	(12111418)	579186.27	4141125.26	140.12621	(09011017)
579206.27	4141125.26	138.95216	(10120217)	578386.27	4141145.26	103.09139	(12010309)
578406.27	4141145.26	101.96946	(11122717)	578426.27	4141145.26	99.72709	(11122717)

578446.27 4141145.26 96.35716 (11122717) 578466.27 4141145.26 91.72531 (11122717)
578486.27 4141145.26 94.75367 (16020318) 578506.27 4141145.26 98.04588 (16020318)
578526.27 4141145.26 99.04082 (16020318) 578546.27 4141145.26 98.51458 (14112017)
578566.27 4141145.26 109.58467 (14112017) 578586.27 4141145.26 117.55012 (14112017)
578606.27 4141145.26 121.38085 (14112017) 578626.27 4141145.26 128.01808 (09012117)
578646.27 4141145.26 131.62697 (09012117) 578666.27 4141145.26 131.26319 (09012117)
578686.27 4141145.26 127.66591 (09012117) 578706.27 4141145.26 129.14313 (14121217)
578726.27 4141145.26 128.23614 (14121217) 578746.27 4141145.26 128.52966 (11010818)
578766.27 4141145.26 131.45811 (11010818) 578786.27 4141145.26 133.55076 (14010318)
578806.27 4141145.26 132.47904 (14010318) 578826.27 4141145.26 131.66577 (16120717)
578846.27 4141145.26 132.10831 (16120717) 578866.27 4141145.26 132.59583 (09013118)
578886.27 4141145.26 135.18038 (09013118) 578906.27 4141145.26 135.63153 (09013118)
578926.27 4141145.26 134.57689 (10120918) 578946.27 4141145.26 134.85680 (09011617)
578966.27 4141145.26 139.50515 (09011617) 578986.27 4141145.26 142.43565 (09011617)
579006.27 4141145.26 142.87961 (09011617) 579026.27 4141145.26 140.93458 (16010818)
579046.27 4141145.26 144.89130 (16010818) 579066.27 4141145.26 146.53893 (10121417)
579086.27 4141145.26 147.74027 (10121417) 579106.27 4141145.26 144.77018 (11112917)
579126.27 4141145.26 145.25698 (11010718) 579146.27 4141145.26 146.36580 (12111418)
579166.27 4141145.26 145.47444 (09011017) 579186.27 4141145.26 146.41684 (09011017)
579206.27 4141145.26 144.58389 (10120217) 578723.62 4141929.59 161.00474 (09112618)
578743.62 4141929.59 158.71984 (09112618) 578763.62 4141929.59 146.89492 (16120918)
578783.62 4141929.59 133.89763 (14120418) 578803.62 4141929.59 128.78001 (11112817)
578823.62 4141929.59 125.54633 (14103118) 578843.62 4141929.59 132.64278 (14103118)
578863.62 4141929.59 134.49790 (14103118) 578883.62 4141929.59 130.96354 (14103118)
578903.62 4141929.59 122.79167 (14103118) 578923.62 4141929.59 126.53384 (12121918)

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        578943.62   4141929.59      129.43020  (12121918)                578963.62
4141929.59      132.55785  (14121218)
        578983.62   4141929.59      136.06948  (14121218)                579003.62
4141929.59      134.78126  (14121218)
        579023.62   4141929.59      130.00745  (14121218)                579043.62
4141929.59      122.90333  (14121218)
        579063.62   4141929.59      114.13922  (14121218)                579083.62
4141929.59      111.22419  (14020618)
        579103.62   4141929.59      107.29804  (14020618)                579123.62
4141929.59      101.75965  (14020618)
        579143.62   4141929.59       99.82059  (13012318)                579163.62
4141929.59      101.80576  (13012318)
        579183.62   4141929.59      101.78538  (13012318)                578725.67
4141942.60      155.90948  (09112618)
        578745.67   4141942.60      149.53823  (09112618)                578765.67
4141942.60      137.69942  (16120918)
        578785.67   4141942.60      127.33702  (11112817)                578805.67
4141942.60      122.26856  (11112817)
        578825.67   4141942.60      122.95940  (14103118)                578845.67
4141942.60      129.00432  (14103118)
        578865.67   4141942.60      130.02980  (14103118)                578885.67
4141942.60      126.01264  (14103118)
        578905.67   4141942.60      117.68750  (14103118)                578925.67
4141942.60      122.16268  (12121918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP2   ***
                                    INCLUDING SOURCE(S):     ARCHD       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578945.67   4141942.60      125.29444  (12121918)                578965.67
4141942.60      127.28403  (14121218)
        578985.67   4141942.60      131.47041  (14121218)                579005.67
4141942.60      130.99224  (14121218)
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        579025.67   4141942.60      126.97667  (14121218)               579045.67
4141942.60      120.49374  (14121218)
        579065.67   4141942.60      112.23286  (14121218)               579085.67
4141942.60      108.44854  (14020618)
        579105.67   4141942.60      105.29538  (14020618)               579125.67
4141942.60      100.41120  (14020618)
        579145.67   4141942.60       94.67974  (13012318)               579165.67
4141942.60       97.68251  (13012318)
        579185.67   4141942.60       98.66014  (13012318)               578745.52
4141955.60      140.78986  (09112618)
        578765.52   4141955.60      129.80682  (14120418)               578785.52
4141955.60      122.65211  (11112817)
        578805.52   4141955.60      116.68811  (11112817)               578825.52
4141955.60      119.56175  (14103118)
        578845.52   4141955.60      125.13397  (14103118)               578865.52
4141955.60      125.95785  (14103118)
        578885.52   4141955.60      122.00717  (14103118)               578905.52
4141955.60      113.93916  (14103118)
        578925.52   4141955.60      117.40503  (12121918)               578945.52
4141955.60      121.26896  (12121918)
        578965.52   4141955.60      121.44836  (14121218)               578985.52
4141955.60      126.75504  (14121218)
        579005.52   4141955.60      127.47334  (14121218)               579025.52
4141955.60      124.51901  (14121218)
        579045.52   4141955.60      118.88620  (14121218)               579065.52
4141955.60      111.31625  (14121218)
        579085.52   4141955.60      105.70528  (14020618)               579105.52
4141955.60      103.55864  (14020618)
        579125.52   4141955.60       99.52618  (14020618)               579145.52
4141955.60       93.98478  (14020618)
        579165.52   4141955.60       92.98724  (13012318)               579185.52
4141955.60       95.12082  (13012318)
        578785.22   4141971.34      117.09298  (11112817)               578805.22
4141971.34      110.24515  (11112817)
        578825.22   4141971.34      115.65235  (14103118)               578845.22
4141971.34      120.73858  (14103118)
        578865.22   4141971.34      121.35119  (14103118)               578885.22
4141971.34      117.49547  (14103118)
        578905.22   4141971.34      109.73102  (14103118)               578925.22
4141971.34      111.86182  (12121918)
        578945.22   4141971.34      116.51839  (12121918)               578965.22
4141971.34      116.79168  (12121918)
        578985.22   4141971.34      120.99593  (14121218)               579005.22
4141971.34      123.07958  (14121218)
        579025.22   4141971.34      121.40863  (14121218)               579045.22
4141971.34      116.84616  (14121218)
        579065.22   4141971.34      110.15052  (14121218)               579085.22
4141971.34      102.00240  (14020618)
        579105.22   4141971.34      101.10036  (14020618)               579125.22
4141971.34       98.14523  (14020618)
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        579145.22   4141971.34       93.53139  (14020618)                579165.22
4141971.34       87.57643  (14020618)
        579185.22   4141971.34       90.16856  (13012318)                578790.01
4141986.40      110.38547  (11112817)
        578810.01   4141986.40      106.23261  (14103118)                578830.01
4141986.40      113.69360  (14103118)
        578850.01   4141986.40      117.31604  (14103118)                578870.01
4141986.40      116.66276  (14103118)
        578890.01   4141986.40      111.87280  (14103118)                578910.01
4141986.40      103.55180  (14103118)
        578930.01   4141986.40      108.56093  (12121918)                578950.01
4141986.40      112.76919  (12121918)
        578970.01   4141986.40      112.90251  (12121918)                578990.01
4141986.40      116.69899  (14121218)
        579010.01   4141986.40      118.95413  (14121218)                579030.01
4141986.40      117.62468  (14121218)
        579050.01   4141986.40      113.44855  (14121218)                579070.01
4141986.40      107.12275  (14121218)
        579090.01   4141986.40       99.10123  (14121218)                579110.01
4141986.40       98.07148  (14020618)
        579130.01   4141986.40       95.67905  (14020618)                579150.01
4141986.40       91.59276  (14020618)
        579170.01   4141986.40       86.11438  (14020618)                579190.01
4141986.40       85.73247  (13012318)
        578810.54   4142001.46      103.65174  (14103118)                578830.54
4142001.46      110.47322  (14103118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP2   ***
                                    INCLUDING SOURCE(S):     ARCHD       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        578850.54   4142001.46      113.59769  (14103118)                578870.54
4142001.46      112.67812  (14103118)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	111.16844	(12010309)	578405.01	4141176.41	112.26342	(12010309)
578425.01	4141176.41	111.13248	(12010309)	578445.01	4141176.41	98.22677	(12010309)
578465.01	4141176.41	97.05322	(11122717)	578485.01	4141176.41	94.93704	(11122717)
578505.01	4141176.41	95.29560	(16020318)	578525.01	4141176.41	99.29898	(16020318)
578545.01	4141176.41	105.93578	(14112017)	578565.01	4141176.41	116.10877	(14112017)
578585.01	4141176.41	124.93035	(09012117)	578605.01	4141176.41	137.20378	(09012117)
578890.54	4142001.46	107.85724	(14103118)	578910.54	4142001.46	99.69436	(14103118)
578930.54	4142001.46	104.12243	(12121918)	578950.54	4142001.46	108.78307	(12121918)
578970.54	4142001.46	109.55466	(12121918)	578990.54	4142001.46	111.68256	(14121218)
579010.54	4142001.46	114.87435	(14121218)	579030.54	4142001.46	114.52399	(14121218)
579050.54	4142001.46	111.23611	(14121218)	579070.54	4142001.46	105.67211	(14121218)
579090.54	4142001.46	98.31391	(14121218)	579110.54	4142001.46	95.22911	(14020618)
579130.54	4142001.46	93.79598	(14020618)	579150.54	4142001.46	90.56027	(14020618)
579170.54	4142001.46	85.83110	(14020618)	579190.54	4142001.46	80.40906	(13012318)

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        578625.01   4141176.41      146.30418  (09012117)              578645.01
4141176.41      151.20888  (09012117)
        578665.01   4141176.41      151.28747  (09012117)              578685.01
4141176.41      153.75502  (14121217)
        578705.01   4141176.41      155.78463  (14121217)              578725.01
4141176.41      156.22816  (11010818)
        578745.01   4141176.41      161.62838  (14010318)              578765.01
4141176.41      162.54536  (14010318)
        578785.01   4141176.41      164.79954  (16120717)              578805.01
4141176.41      164.08511  (10010917)
        578825.01   4141176.41      167.85373  (14122017)              578845.01
4141176.41      166.43002  (10120918)
        578865.01   4141176.41      162.20309  (16110418)              578885.01
4141176.41      162.98445  (09011617)
        578905.01   4141176.41      160.83914  (09012317)              578925.01
4141176.41      161.82040  (09012317)
        578945.01   4141176.41      158.54325  (10121417)              578965.01
4141176.41      156.62492  (10121417)
        578985.01   4141176.41      150.76704  (11112917)              579005.01
4141176.41      145.33853  (13113018)
        579025.01   4141176.41      144.21869  (12111418)              579045.01
4141176.41      143.48488  (09011017)
        579065.01   4141176.41      139.07539  (09011017)              579085.01
4141176.41      134.45750  (12111417)
        579105.01   4141176.41      129.48999  (12111417)              579125.01
4141176.41      121.90697  (17121318)
        579145.01   4141176.41      117.32540  (17121318)              579165.01
4141176.41      114.23055  (13110618)
        579185.01   4141176.41      110.47637  (13110618)              579205.01
4141176.41      105.11521  (13110618)
        579225.01   4141176.41       99.45679  (15011018)              578385.01
4141196.41      114.86368  (12010309)
        578405.01   4141196.41      118.65052  (12010309)              578425.01
4141196.41      120.14502  (12010309)
        578445.01   4141196.41      107.11089  (12010309)              578465.01
4141196.41      106.31639  (12010309)
        578485.01   4141196.41      104.88211  (11122717)              578505.01
4141196.41      102.70239  (11122717)
        578525.01   4141196.41      103.33573  (16020318)              578545.01
4141196.41      107.58728  (16020318)
        578565.01   4141196.41      117.46466  (14112017)              578585.01
4141196.41      128.27014  (14112017)
        578605.01   4141196.41      140.03161  (09012117)              578625.01
4141196.41      152.26145  (09012117)
        578645.01   4141196.41      160.47471  (09012117)              578665.01
4141196.41      163.48904  (09012117)
        578685.01   4141196.41      162.58913  (14121217)              578705.01
4141196.41      167.28495  (14121217)
        578725.01   4141196.41      165.72191  (11010818)              578745.01
4141196.41      172.42608  (14010318)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578765.01	4141196.41	174.97608	(14010318)	578785.01	4141196.41	176.56869	(16120717)
578805.01	4141196.41	176.33403	(16120717)	578825.01	4141196.41	180.08707	(14122017)
578845.01	4141196.41	178.42862	(10120918)	578865.01	4141196.41	174.59219	(16110418)
578885.01	4141196.41	175.14459	(09011617)	578905.01	4141196.41	173.67818	(09012317)
578925.01	4141196.41	172.57478	(09012317)	578945.01	4141196.41	170.47105	(10121417)
578965.01	4141196.41	165.83489	(10121417)	578985.01	4141196.41	159.20670	(11112917)
579005.01	4141196.41	156.41101	(12111418)	579025.01	4141196.41	155.13703	(09011017)
579045.01	4141196.41	151.90444	(09011017)	579065.01	4141196.41	145.80270	(12111417)
579085.01	4141196.41	141.09386	(12111417)	579105.01	4141196.41	132.96724	(12111417)
579125.01	4141196.41	127.26563	(17121318)	579145.01	4141196.41	123.44516	(13110618)
579165.01	4141196.41	119.21871	(13110618)	579185.01	4141196.41	113.11220	(13110618)
579205.01	4141196.41	106.70060	(15011018)	579225.01	4141196.41	99.46449	(15011018)
579245.01	4141196.41	91.68837	(15011018)	578385.01	4141216.41	115.56989	(12010309)
578405.01	4141216.41	122.07079	(12010309)	578425.01	4141216.41	126.78715	(12010309)

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        578445.01   4141216.41      114.64224  (12010309)              578465.01
4141216.41      116.11197  (12010309)
        578485.01   4141216.41      115.61004  (12010309)              578505.01
4141216.41      113.74657  (11122717)
        578525.01   4141216.41      111.55631  (11122717)              578545.01
4141216.41      112.56837  (16020318)
        578565.01   4141216.41      117.32822  (14112017)              578585.01
4141216.41      130.77344  (14112017)
        578605.01   4141216.41      142.07601  (14112017)              578625.01
4141216.41      157.24964  (09012117)
        578645.01   4141216.41      169.22895  (09012117)              578665.01
4141216.41      175.65661  (09012117)
        578685.01   4141216.41      175.53543  (09012117)              578705.01
4141216.41      179.27901  (14121217)
        578725.01   4141216.41      179.38521  (14121217)              578745.01
4141216.41      184.21674  (14010318)
        578765.01   4141216.41      188.76319  (14010318)              578785.01
4141216.41      189.81946  (16120717)
        578805.01   4141216.41      190.28035  (16120717)              578825.01
4141216.41      193.94972  (14122017)
        578845.01   4141216.41      191.98174  (10120918)              578925.01
4141216.41      183.81442  (09012317)
        578945.01   4141216.41      182.90879  (10121417)              578965.01
4141216.41      175.60536  (11112917)
        578985.01   4141216.41      169.27933  (12111418)              579005.01
4141216.41      167.61140  (09011017)
        579025.01   4141216.41      166.11472  (09011017)              579045.01
4141216.41      158.97404  (09011017)
        579065.01   4141216.41      154.31529  (12111417)              579085.01
4141216.41      145.94889  (12111417)
        579105.01   4141216.41      138.72354  (17121318)              579125.01
4141216.41      133.98942  (13110618)
        579145.01   4141216.41      129.19347  (13110618)              579165.01
4141216.41      122.16477  (13110618)
        579185.01   4141216.41      114.83915  (15011018)              579205.01
4141216.41      106.55060  (15011018)
        579225.01   4141216.41       97.69585  (15011018)              579245.01
4141216.41       88.57993  (15011018)
        578385.01   4141236.41      113.56796  (12010309)              578405.01
4141236.41      108.47922  (12010309)
        578425.01   4141236.41      114.94683  (12010309)              578445.01
4141236.41      120.32456  (12010309)
        578465.01   4141236.41      124.24161  (12010309)              578485.01
4141236.41      126.36178  (12010309)
        578505.01   4141236.41      126.35320  (12010309)              578525.01
4141236.41      124.20208  (11122717)
        578545.01   4141236.41      121.71445  (11122717)              578565.01
4141236.41      123.16257  (16020318)
        578585.01   4141236.41      131.64438  (14112017)              578605.01
4141236.41      146.17213  (14112017)
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        578625.01   4141236.41      160.68037  (09012117)               578645.01
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        578665.01   4141236.41      187.59422  (09012117)               578685.01
4141236.41      191.27332  (09012117)
        578705.01   4141236.41      191.76209  (14121217)               578725.01
4141236.41      195.11830  (14121217)
        578745.01   4141236.41      197.81952  (11010818)               578765.01
4141236.41      204.11827  (14010318)
        578785.01   4141236.41      204.72713  (16120717)               578805.01
4141236.41      206.17327  (16120717)
        578825.01   4141236.41      209.76835  (14122017)               578945.01
4141236.41      195.75704  (10121417)
        578965.01   4141236.41      187.05023  (11112917)               578985.01
4141236.41      183.57218  (12111418)
        579005.01   4141236.41      181.82685  (09011017)               579025.01
4141236.41      175.89713  (09011017)
        579045.01   4141236.41      169.32071  (12111417)               579065.01
4141236.41      160.88891  (12111417)
        579085.01   4141236.41      152.02633  (17121318)               579105.01
4141236.41      146.17253  (13110618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 624
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
                                   INCLUDING SOURCE(S):     BC1_1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579125.01   4141236.41      140.64565  (13110618)               579145.01
4141236.41      132.60842  (13110618)
        579165.01   4141236.41      124.21551  (15011018)               579185.01
4141236.41      114.61629  (15011018)
        579205.01   4141236.41      104.37890  (15011018)               579225.01
4141236.41       93.98419  (15011018)
        579245.01   4141236.41       83.77678  (15011018)               578385.01
4141256.41      107.97773  (12010309)
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        578405.01   4141256.41      107.15130  (12010309)               578425.01
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        578445.01   4141256.41      123.48943  (12010309)               578465.01
4141256.41      130.12386  (12010309)
        578485.01   4141256.41      135.17121  (12010309)               578505.01
4141256.41      138.24975  (12010309)
        578525.01   4141256.41      138.73933  (12010309)               578545.01
4141256.41      136.18748  (12010309)
        578565.01   4141256.41      133.47308  (11122717)               578585.01
4141256.41      135.54434  (16020318)
        578605.01   4141256.41      148.55531  (14112017)               578625.01
4141256.41      164.19900  (14112017)
        578645.01   4141256.41      182.95904  (09012117)               578665.01
4141256.41      198.83031  (09012117)
        578685.01   4141256.41      207.32900  (09012117)               578705.01
4141256.41      206.84370  (09012117)
        578725.01   4141256.41      212.00401  (14121217)               578745.01
4141256.41      213.02628  (11010818)
        578765.01   4141256.41      221.39798  (14010318)               578785.01
4141256.41      221.53828  (16120717)
        578805.01   4141256.41      224.40477  (16120717)               578965.01
4141256.41      200.53894  (12111418)
        578985.01   4141256.41      198.83713  (09011017)               579005.01
4141256.41      195.11550  (09011017)
        579025.01   4141256.41      186.59389  (12111417)               579045.01
4141256.41      178.31471  (12111417)
        579065.01   4141256.41      167.50945  (17121318)               579085.01
4141256.41      160.36073  (13110618)
        579105.01   4141256.41      154.04361  (13110618)               579125.01
4141256.41      144.80396  (15011018)
        579145.01   4141256.41      134.88267  (15011018)               579165.01
4141256.41      123.67615  (15011018)
        579185.01   4141256.41      111.86542  (15011018)               579205.01
4141256.41       99.95022  (15011018)
        579225.01   4141256.41       89.93672  (17122918)               579245.01
4141256.41       87.05347  (14011818)
        579265.01   4141256.41       84.19386  (14011818)               578385.01
4141276.41       93.10920  (12010309)
        578405.01   4141276.41      103.16068  (12010309)               578425.01
4141276.41      113.47945  (12010309)
        578445.01   4141276.41      123.61776  (12010309)               578465.01
4141276.41      133.00988  (12010309)
        578485.01   4141276.41      141.26024  (12010309)               578505.01
4141276.41      147.74268  (12010309)
        578525.01   4141276.41      151.90683  (12010309)               578545.01
4141276.41      153.04525  (12010309)
        578565.01   4141276.41      150.70130  (12010309)               578585.01
4141276.41      147.31635  (11122717)
        578605.01   4141276.41      149.92536  (16020318)               578625.01
4141276.41      168.58788  (14112017)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141276.41	187.16793	(09012117)	578665.01	4141276.41	208.80797	(09012117)
578685.01	4141276.41	223.28894	(09012117)	578705.01	4141276.41	227.98660	(09012117)
578725.01	4141276.41	230.05339	(14121217)	578745.01	4141276.41	230.51869	(14121217)
578765.01	4141276.41	240.97924	(14010318)	578785.01	4141276.41	241.66651	(14010318)
578985.01	4141276.41	216.51350	(09011017)	579005.01	4141276.41	206.49986	(09011017)
579025.01	4141276.41	198.79930	(12111417)	579045.01	4141276.41	185.84873	(17121318)
579065.01	4141276.41	177.09270	(13110618)	579085.01	4141276.41	169.75810	(13110618)
579105.01	4141276.41	159.02260	(15011018)	579125.01	4141276.41	147.35241	(15011018)
579145.01	4141276.41	134.14755	(15011018)	579165.01	4141276.41	120.31035	(15011018)
579185.01	4141276.41	106.50360	(15011018)	579205.01	4141276.41	97.97404	(14011818)
579225.01	4141276.41	94.74328	(14011818)	579245.01	4141276.41	91.07567	(14011818)
579265.01	4141276.41	87.13143	(14011818)	578385.01	4141296.41	96.67280	(09110418)
578405.01	4141296.41	98.80961	(09110418)	578425.01	4141296.41	108.24778	(12010309)
578445.01	4141296.41	120.25889	(12010309)	578465.01	4141296.41	132.28059	(12010309)

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        578485.01   4141296.41      143.71880  (12010309)               578505.01
4141296.41      153.93434  (12010309)
        578525.01   4141296.41      162.25956  (12010309)               578545.01
4141296.41      167.86451  (12010309)
        578565.01   4141296.41      169.98331  (12010309)               578585.01
4141296.41      167.97194  (12010309)
        578605.01   4141296.41      163.57550  (11122717)               578625.01
4141296.41      170.28020  (14112017)
        578645.01   4141296.41      192.57357  (14112017)               578665.01
4141296.41      216.86706  (09012117)
        578685.01   4141296.41      238.54469  (09012117)               578705.01
4141296.41      250.07496  (09012117)
        578725.01   4141296.41      248.88130  (14121217)               578745.01
4141296.41      254.92254  (14121217)
        579005.01   4141296.41      222.71113  (12111417)               579025.01
4141296.41      207.80193  (12111417)
        579045.01   4141296.41      197.01230  (13110618)               579065.01
4141296.41      188.47086  (13110618)
        579085.01   4141296.41      175.95846  (15011018)               579105.01
4141296.41      161.88635  (15011018)
        579125.01   4141296.41      146.18006  (15011018)               579145.01
4141296.41      129.86014  (15011018)
        579165.01   4141296.41      113.80953  (15011018)               579185.01
4141296.41      107.73767  (14011818)
        579205.01   4141296.41      103.43287  (14011818)               579225.01
4141296.41       98.71532  (14011818)
        579245.01   4141296.41       93.71555  (14011818)               579265.01
4141296.41       89.25109  (17120218)
        579285.01   4141296.41       85.58121  (17120218)               578385.01
4141316.41      102.34435  (09110418)
        578405.01   4141316.41      106.03755  (09110418)               578425.01
4141316.41      109.50823  (09110418)
        578445.01   4141316.41      113.51271  (12010309)               578465.01
4141316.41      127.45545  (12010309)
        578485.01   4141316.41      141.73995  (12010309)               578505.01
4141316.41      155.68620  (12010309)
        578525.01   4141316.41      168.44902  (12010309)               578545.01
4141316.41      179.11492  (12010309)
        578565.01   4141316.41      186.75033  (12010309)               578585.01
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        578605.01   4141316.41      188.77939  (12010309)               578625.01
4141316.41      183.19269  (11122717)
        578645.01   4141316.41      196.97108  (14112017)               578665.01
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        578685.01   4141316.41      252.31493  (09012117)               578705.01
4141316.41      272.43137  (09012117)
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4141316.41      196.19357  (15011018)
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        579085.01   4141316.41      179.19569  (15011018)                579105.01
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        579125.01   4141316.41      140.78950  (15011018)                579145.01
4141316.41      124.04956  (14011818)
        579165.01   4141316.41      118.95377  (14011818)                579185.01
4141316.41      113.22999  (14011818)
        579205.01   4141316.41      107.15112  (14011818)                579225.01
4141316.41      101.37486  (17120218)
        579245.01   4141316.41       96.82928  (17120218)                579265.01
4141316.41       92.16753  (17120218)
        579285.01   4141316.41       87.47676  (17120218)                578385.01
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        578405.01   4141336.41      110.78328  (09110418)                578425.01
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        578445.01   4141336.41      120.90495  (09110418)                578465.01
4141336.41      125.03881  (09110418)
        578485.01   4141336.41      135.11121  (12010309)                578505.01
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        578565.01   4141336.41      198.94492  (12010309)                578585.01
4141336.41      209.32687  (12010309)
        578605.01   4141336.41      214.78674  (12010309)                578625.01
4141336.41      214.08892  (12010309)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 626
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
                                    INCLUDING SOURCE(S):     BC1_1       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578645.01   4141336.41      206.92175  (11122717)                578665.01
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        578685.01   4141336.41      263.42190  (09012117)                578705.01
4141336.41      294.32477  (09012117)
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        579025.01   4141336.41      238.71829  (13110618)               579045.01
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        579065.01   4141336.41      199.95130  (15011018)               579085.01
4141336.41      176.80533  (15011018)
        579105.01   4141336.41      153.36696  (15011018)               579125.01
4141336.41      138.78123  (14011818)
        579145.01   4141336.41      131.77053  (14011818)               579165.01
4141336.41      124.21375  (14011818)
        579185.01   4141336.41      116.72176  (17120218)               579205.01
4141336.41      110.91946  (17120218)
        579225.01   4141336.41      105.04070  (17120218)               579245.01
4141336.41       99.14833  (17120218)
        579265.01   4141336.41       93.65468  (17112018)               579285.01
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4141356.41      112.19234  (09110418)
        578425.01   4141356.41      119.56262  (09110418)               578445.01
4141356.41      126.64655  (09110418)
        578465.01   4141356.41      133.35043  (09110418)               578485.01
4141356.41      139.73943  (09110418)
        578505.01   4141356.41      144.51478  (09110418)               578525.01
4141356.41      163.48310  (12010309)
        578545.01   4141356.41      184.40724  (12010309)               578565.01
4141356.41      204.63885  (12010309)
        578585.01   4141356.41      222.55683  (12010309)               578605.01
4141356.41      236.67134  (12010309)
        578625.01   4141356.41      244.83428  (12010309)               578645.01
4141356.41      245.29578  (12010309)
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        579065.01   4141356.41      196.59221  (15011018)               579085.01
4141356.41      167.91780  (15011018)
        579105.01   4141356.41      156.20065  (14011818)               579125.01
4141356.41      146.61155  (14011818)
        579145.01   4141356.41      136.63780  (14011818)               579165.01
4141356.41      129.03950  (17120218)
        579185.01   4141356.41      121.40383  (17120218)               579205.01
4141356.41      113.82838  (17120218)
        579225.01   4141356.41      107.36703  (17112018)               579245.01
4141356.41      102.17488  (17112018)
        579265.01   4141356.41       97.05623  (17112018)               579285.01
4141356.41       92.05268  (17112018)
        579305.01   4141356.41       87.22185  (17112018)               578385.01
4141376.41      104.97242  (16030918)
        578405.01   4141376.41      110.36523  (16030918)               578425.01
4141376.41      118.73253  (09110418)
        578445.01   4141376.41      128.12350  (09110418)               578465.01
4141376.41      137.49836  (09110418)
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        578565.01   4141376.41      201.74795  (12010309)                578585.01
4141376.41      227.47236  (12010309)
        578605.01   4141376.41      251.14317  (12010309)                578625.01
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4141376.41       92.49324  (17112018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 627
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
                                    INCLUDING SOURCE(S):     BC1_1       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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        578605.01   4141396.41      254.40912  (12010309)              578625.01
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        578645.01   4141396.41      312.42036  (12010309)              578665.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
                                    INCLUDING SOURCE(S):     BC1_1       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 629
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
                                    INCLUDING SOURCE(S):     BC1_1       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
                                   INCLUDING SOURCE(S):     BC1_1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578465.01	4141596.41	142.06418	(10012218)	578485.01	4141596.41	150.46280	(10012218)
578505.01	4141596.41	159.67702	(10012218)	578525.01	4141596.41	179.15485	(16120718)
578545.01	4141596.41	203.79865	(16120718)	578565.01	4141596.41	232.58455	(16120718)
578585.01	4141596.41	265.68373	(16120718)	578605.01	4141596.41	303.54233	(16120718)
578625.01	4141596.41	346.24963	(16120718)	578645.01	4141596.41	393.22504	(16120718)
578665.01	4141596.41	442.54225	(16120718)	578685.01	4141596.41	490.16224	(16120718)
578705.01	4141596.41	586.25787	(12010318)	578725.01	4141596.41	687.86787	(12010318)
578745.01	4141596.41	778.75812	(12010318)	579105.01	4141596.41	172.36146	(17010418)
579145.01	4141596.41	145.37981	(17010418)	579165.01	4141596.41	134.67544	(16011318)
579185.01	4141596.41	125.63744	(16011318)	579205.01	4141596.41	117.48010	(16011318)
579225.01	4141596.41	110.09639	(16011318)	579245.01	4141596.41	103.41437	(16011318)
579265.01	4141596.41	97.26576	(16011318)	579285.01	4141596.41	91.78715	(16011318)
579305.01	4141596.41	86.68790	(16011318)	579325.01	4141596.41	82.01335	(16011318)
579345.01	4141596.41	77.65881	(16011318)	578385.01	4141616.41	104.65500	(10012218)
578405.01	4141616.41	109.28695	(10012218)	578425.01	4141616.41	115.16716	(15102718)
578445.01	4141616.41	126.93448	(16120718)	578465.01	4141616.41	141.37016	(16120718)
578485.01	4141616.41	157.65806	(16120718)	578505.01	4141616.41	176.06134	(16120718)
578525.01	4141616.41	196.83353	(16120718)	578545.01	4141616.41	219.58587	(16120718)
578565.01	4141616.41	244.96837	(16120718)	578585.01	4141616.41	272.37984	(16120718)
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        578725.01   4141616.41      610.17138  (12010318)                578745.01
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        579065.01   4141616.41      205.18096  (09012218)                579085.01
4141616.41      186.81225  (09012218)
        579105.01   4141616.41      169.89861  (09012218)                579125.01
4141616.41      154.46233  (09012218)
        579165.01   4141616.41      132.39484  (17010418)                579185.01
4141616.41      123.40192  (17010418)
        579205.01   4141616.41      115.20516  (17010418)                579225.01
4141616.41      107.73665  (17010418)
        579245.01   4141616.41      100.86228  (17010418)                579265.01
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4141616.41       85.62539  (16011318)
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4141616.41       77.29408  (16011318)
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4141636.41      139.67488  (16120718)
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4141636.41      168.71813  (16120718)
        578505.01   4141636.41      185.18176  (16120718)                578525.01
4141636.41      202.84860  (16120718)
        578545.01   4141636.41      221.31330  (16120718)                578565.01
4141636.41      240.39796  (16120718)
        578585.01   4141636.41      259.42751  (16120718)                578605.01
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        578625.01   4141636.41      315.30018  (12111618)                578645.01
4141636.41      354.99217  (09121117)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 631
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
                                   INCLUDING SOURCE(S):     BC1_1       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579045.01	4141636.41	210.38441	(17112518)	579065.01	4141636.41	193.28347	(09012218)
579085.01	4141636.41	179.70732	(09012218)	579105.01	4141636.41	166.44850	(09012218)
579125.01	4141636.41	153.88529	(09012218)	579165.01	4141636.41	130.94581	(09012218)
579185.01	4141636.41	120.91860	(09012218)	579205.01	4141636.41	112.43677	(17010418)
579225.01	4141636.41	106.07501	(17010418)	579245.01	4141636.41	100.07568	(17010418)
579265.01	4141636.41	94.52413	(17010418)	579285.01	4141636.41	89.27955	(17010418)
579305.01	4141636.41	84.39217	(17010418)	579325.01	4141636.41	79.83881	(17010418)
579345.01	4141636.41	75.60960	(17010418)	578385.01	4141656.41	114.48975	(16120718)
578405.01	4141656.41	124.44670	(16120718)	578425.01	4141656.41	135.12556	(16120718)
578445.01	4141656.41	146.58185	(16120718)	578465.01	4141656.41	158.77201	(16120718)
578485.01	4141656.41	171.44058	(16120718)	578505.01	4141656.41	184.56842	(16120718)
578525.01	4141656.41	197.59175	(16120718)	578545.01	4141656.41	210.18775	(16120718)
578565.01	4141656.41	221.77746	(16120718)	578585.01	4141656.41	249.01212	(12111618)
578605.01	4141656.41	278.99205	(12111618)	578625.01	4141656.41	309.87475	(09121117)
578645.01	4141656.41	345.88103	(12010318)	578665.01	4141656.41	378.27092	(12010318)
578685.01	4141656.41	407.22256	(09010809)	578705.01	4141656.41	455.73818	(09010809)
578725.01	4141656.41	480.80843	(09010809)	579005.01	4141656.41	231.33506	(11121618)
579025.01	4141656.41	217.53623	(17112518)	579045.01	4141656.41	202.13982	(17112518)
579065.01	4141656.41	185.82851	(17112518)	579085.01	4141656.41	169.46059	(17112518)
579105.01	4141656.41	157.16572	(09012218)	579125.01	4141656.41	147.79940	(09012218)

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        579085.01   4141676.41      164.77796  (17112518)               579105.01
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4141676.41      131.23503  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 632
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
                                    INCLUDING SOURCE(S):     BC1_1       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579245.01	4141676.41	98.72848	(09012218)	579265.01	4141676.41	92.85995	(09012218)
579285.01	4141676.41	87.37748	(09012218)	579305.01	4141676.41	82.13124	(09012218)
579325.01	4141676.41	77.17852	(17010418)	579345.01	4141676.41	73.91502	(17010418)
578385.01	4141696.41	121.22484	(16120718)	578405.01	4141696.41	128.31899	(16120718)
578425.01	4141696.41	135.36649	(16120718)	578445.01	4141696.41	142.21350	(16120718)
578465.01	4141696.41	148.54592	(16120718)	578485.01	4141696.41	155.26177	(09122918)
578505.01	4141696.41	168.59362	(12111618)	578525.01	4141696.41	186.88891	(12111618)
578565.01	4141696.41	219.97861	(12111618)	578585.01	4141696.41	241.53481	(09121117)
578605.01	4141696.41	260.88609	(12010318)	578625.01	4141696.41	276.34802	(12010318)
578645.01	4141696.41	297.94556	(09010809)	578665.01	4141696.41	329.57196	(09010809)
578685.01	4141696.41	346.71833	(09010809)	578945.01	4141696.41	221.10731	(13012318)
578965.01	4141696.41	210.27058	(13012318)	578985.01	4141696.41	194.42385	(13012318)
579005.01	4141696.41	184.20492	(11121618)	579025.01	4141696.41	180.03455	(11121618)
579045.01	4141696.41	172.78507	(11121618)	579065.01	4141696.41	163.29611	(11121618)
579085.01	4141696.41	155.38399	(17112518)	579105.01	4141696.41	146.90663	(17112518)
579125.01	4141696.41	137.84579	(17112518)	579145.01	4141696.41	128.40661	(17112518)
579165.01	4141696.41	118.98385	(17112518)	579185.01	4141696.41	111.61982	(09012218)
579205.01	4141696.41	106.82860	(09012218)	579225.01	4141696.41	101.87246	(09012218)
579245.01	4141696.41	96.96486	(09012218)	579265.01	4141696.41	92.00389	(09012218)

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        579165.01   4141716.41      117.44974  (17112518)                579185.01
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4141716.41       96.68177  (09012218)
        579245.01   4141716.41       93.09877  (09012218)                579265.01
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        579285.01   4141716.41       85.42238  (09012218)                579305.01
4141716.41       81.63356  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                        ***        15:03:32

                                   PAGE 633
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
                                   INCLUDING SOURCE(S):     BC1_1       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141716.41	77.86078	(09012218)	579345.01	4141716.41	74.15361	(09012218)
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578425.01	4141736.41	123.95019	(10122417)	578445.01	4141736.41	135.15585	(12111618)
578465.01	4141736.41	146.97451	(12111618)	578485.01	4141736.41	158.13094	(12111618)
578505.01	4141736.41	168.00932	(12111618)	578625.01	4141736.41	251.96443	(09010809)
578645.01	4141736.41	265.31742	(09010809)	578665.01	4141736.41	266.63411	(09010809)
578865.01	4141736.41	239.94648	(14121218)	578885.01	4141736.41	239.35634	(14121218)
578905.01	4141736.41	227.69504	(14121218)	578925.01	4141736.41	207.68541	(14121218)
578945.01	4141736.41	182.48038	(14121218)	578965.01	4141736.41	170.29568	(13012318)
578985.01	4141736.41	166.27877	(13012318)	579005.01	4141736.41	158.28385	(13012318)
579025.01	4141736.41	147.46026	(13012318)	579045.01	4141736.41	138.84517	(11121618)
579065.01	4141736.41	137.72591	(11121618)	579085.01	4141736.41	134.43482	(11121618)
579105.01	4141736.41	129.39035	(11121618)	579125.01	4141736.41	123.37476	(11121618)
579145.01	4141736.41	118.37977	(17112518)	579165.01	4141736.41	113.24232	(17112518)
579185.01	4141736.41	107.54123	(17112518)	579205.01	4141736.41	101.71434	(17112518)
579225.01	4141736.41	95.73973	(17112518)	579245.01	4141736.41	89.76967	(17112518)
579265.01	4141736.41	84.84456	(09012218)	579285.01	4141736.41	81.99983	(09012218)
579305.01	4141736.41	78.98606	(09012218)	579325.01	4141736.41	75.97145	(09012218)
579345.01	4141736.41	72.87094	(09012218)	578385.01	4141756.41	109.36081	(10122417)
578405.01	4141756.41	117.46245	(12111618)	578425.01	4141756.41	127.43306	(12111618)

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4141756.41       72.84572  (09012218)
        579345.01   4141756.41       70.47981  (09012218)               578385.01
4141776.41      111.65767  (12111618)
        578405.01   4141776.41      119.83708  (12111618)               578425.01
4141776.41      127.36442  (12111618)
        578445.01   4141776.41      133.93438  (12111618)               578465.01
4141776.41      142.07072  (09121117)
        578485.01   4141776.41      151.29487  (09121117)               578825.01
4141776.41      183.33408  (14103118)
        578845.01   4141776.41      183.96737  (12121918)               578865.01
4141776.41      186.32160  (14121218)
        578885.01   4141776.41      192.06738  (14121218)               578905.01
4141776.41      189.29973  (14121218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP3   ***
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INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	179.65706	(14121218)	578945.01	4141776.41	164.87804	(14121218)
578965.01	4141776.41	147.26684	(14020618)	578985.01	4141776.41	137.80688	(14020618)
579005.01	4141776.41	134.53085	(13012318)	579025.01	4141776.41	130.81933	(13012318)
579045.01	4141776.41	124.73110	(13012318)	579065.01	4141776.41	116.83650	(13012318)
579085.01	4141776.41	108.82542	(11121618)	579105.01	4141776.41	108.97499	(11121618)
579125.01	4141776.41	107.81448	(11121618)	579145.01	4141776.41	105.34757	(11121618)
579165.01	4141776.41	101.86815	(11121618)	579185.01	4141776.41	97.57513	(11121618)
579205.01	4141776.41	94.12850	(17112518)	579225.01	4141776.41	90.85751	(17112518)
579245.01	4141776.41	87.15842	(17112518)	579265.01	4141776.41	83.26995	(17112518)
579285.01	4141776.41	79.20158	(17112518)	579305.01	4141776.41	75.14815	(17112518)
579325.01	4141776.41	70.86206	(17112518)	579345.01	4141776.41	67.36464	(15110918)
578405.01	4141796.41	118.51818	(12111618)	578425.01	4141796.41	123.40127	(12111618)
578445.01	4141796.41	131.72121	(09121117)	578465.01	4141796.41	138.99657	(09121117)
578805.01	4141796.41	170.46221	(14103118)	578825.01	4141796.41	165.66169	(14103118)
578845.01	4141796.41	165.22814	(12121918)	578865.01	4141796.41	168.79992	(12121918)
578885.01	4141796.41	172.80175	(14121218)	578905.01	4141796.41	172.83228	(14121218)
578925.01	4141796.41	166.61527	(14121218)	578945.01	4141796.41	155.71472	(14121218)
578965.01	4141796.41	141.20370	(14121218)	578985.01	4141796.41	130.11334	(14020618)
579005.01	4141796.41	122.03848	(13012318)	579025.01	4141796.41	120.91785	(13012318)

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        579045.01   4141796.41      117.52345  (13012318)                579065.01
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        579085.01   4141796.41      105.31728  (13012318)                579105.01
4141796.41       97.56304  (13012318)
        579125.01   4141796.41       98.15653  (11121618)                579145.01
4141796.41       97.49561  (11121618)
        579165.01   4141796.41       95.73045  (11121618)                579185.01
4141796.41       93.09039  (11121618)
        579205.01   4141796.41       89.87967  (11121618)                579225.01
4141796.41       86.18701  (17112518)
        579245.01   4141796.41       83.78805  (17112518)                579265.01
4141796.41       80.79653  (17112518)
        579285.01   4141796.41       77.80504  (17112518)                579305.01
4141796.41       74.47479  (17112518)
        579325.01   4141796.41       71.00600  (17112518)                579345.01
4141796.41       67.47961  (17112518)
        578445.01   4141816.41      128.23570  (09121117)                578585.01
4141816.41      177.07001  (09010809)
        578605.01   4141816.41      174.69426  (09010809)                578665.01
4141816.41      193.55173  (09112618)
        578685.01   4141816.41      198.92540  (09112618)                578785.01
4141816.41      153.22910  (14103118)
        578805.01   4141816.41      154.96565  (14103118)                578825.01
4141816.41      150.65214  (14103118)
        578845.01   4141816.41      149.29823  (12121918)                578865.01
4141816.41      153.82723  (12121918)
        578885.01   4141816.41      156.08881  (14121218)                578905.01
4141816.41      158.04626  (14121218)
        578925.01   4141816.41      154.46060  (14121218)                578945.01
4141816.41      146.55041  (14121218)
        578965.01   4141816.41      135.10267  (14121218)                578985.01
4141816.41      122.16828  (14020618)
        579005.01   4141816.41      115.65754  (14020618)                579025.01
4141816.41      110.82699  (13012318)
        579045.01   4141816.41      109.50684  (13012318)                579065.01
4141816.41      106.28136  (13012318)
        579085.01   4141816.41      101.47600  (13012318)                579105.01
4141816.41       95.58168  (13012318)
        579125.01   4141816.41       88.95060  (13012318)                579145.01
4141816.41       88.86040  (11121618)
        579165.01   4141816.41       88.59756  (11121618)                579185.01
4141816.41       87.39145  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                  PAGE 635
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579205.01	4141816.41	85.52016	(11121618)	579225.01	4141816.41	82.95992	(11121618)
579245.01	4141816.41	80.02589	(11121618)	579265.01	4141816.41	77.42126	(17112518)
579285.01	4141816.41	75.19815	(17112518)	579305.01	4141816.41	72.61584	(17112518)
579325.01	4141816.41	69.92842	(17112518)	579345.01	4141816.41	67.04865	(17112518)
578565.01	4141836.41	162.21325	(09010809)	578585.01	4141836.41	160.90834	(09010809)
578605.01	4141836.41	158.61957	(12112718)	578625.01	4141836.41	170.33398	(12112718)
578645.01	4141836.41	176.25441	(12112718)	578665.01	4141836.41	181.49869	(09112618)
578685.01	4141836.41	181.96562	(09112618)	578705.01	4141836.41	173.56029	(09112618)
578725.01	4141836.41	159.03388	(16120918)	578765.01	4141836.41	134.48681	(14103118)
578785.01	4141836.41	140.57693	(14103118)	578805.01	4141836.41	141.77405	(14103118)
578825.01	4141836.41	137.88959	(14103118)	578845.01	4141836.41	135.66532	(12121918)
578865.01	4141836.41	140.30159	(12121918)	578885.01	4141836.41	141.60109	(14121218)
578905.01	4141836.41	144.73656	(14121218)	578925.01	4141836.41	143.18069	(14121218)
578945.01	4141836.41	137.61595	(14121218)	578965.01	4141836.41	128.75792	(14121218)
578985.01	4141836.41	117.47032	(14121218)	579005.01	4141836.41	109.72563	(14020618)
579025.01	4141836.41	103.37025	(14020618)	579045.01	4141836.41	101.26641	(13012318)
579065.01	4141836.41	99.82621	(13012318)	579085.01	4141836.41	96.78372	(13012318)
579105.01	4141836.41	92.54051	(13012318)	579125.01	4141836.41	87.36459	(13012318)

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        579145.01   4141836.41       81.50351  (13012318)                579165.01
4141836.41       80.84448  (11121618)
        579185.01   4141836.41       80.91153  (11121618)                579205.01
4141836.41       80.21168  (11121618)
        579225.01   4141836.41       78.80162  (11121618)                579245.01
4141836.41       76.86766  (11121618)
        579265.01   4141836.41       74.51997  (11121618)                579285.01
4141836.41       71.71491  (11121618)
        579305.01   4141836.41       69.89210  (17112518)                579325.01
4141836.41       67.91927  (17112518)
        579345.01   4141836.41       65.57921  (17112518)                578565.01
4141856.41      148.79992  (09010809)
        578585.01   4141856.41      146.14737  (16121017)                578605.01
4141856.41      153.82980  (12112718)
        578625.01   4141856.41      161.18378  (12112718)                578645.01
4141856.41      164.75491  (09112618)
        578665.01   4141856.41      168.78944  (09112618)                578685.01
4141856.41      165.51156  (09112618)
        578705.01   4141856.41      155.61055  (16120918)                578725.01
4141856.41      141.51841  (14120418)
        578745.01   4141856.41      124.10893  (11112817)                578765.01
4141856.41      124.65745  (14103118)
        578785.01   4141856.41      129.59938  (14103118)                578805.01
4141856.41      130.38393  (14103118)
        578825.01   4141856.41      126.85665  (14103118)                578845.01
4141856.41      123.80056  (12121918)
        578865.01   4141856.41      128.80426  (12121918)                578885.01
4141856.41      129.76434  (12121918)
        578905.01   4141856.41      132.77931  (14121218)                578925.01
4141856.41      132.83165  (14121218)
        578945.01   4141856.41      129.13005  (14121218)                578965.01
4141856.41      122.35387  (14121218)
        578985.01   4141856.41      113.22773  (14121218)                579005.01
4141856.41      103.54642  (14020618)
        579025.01   4141856.41       98.89714  (14020618)                579045.01
4141856.41       92.89242  (13012318)
        579065.01   4141856.41       92.91446  (13012318)                579085.01
4141856.41       91.39901  (13012318)
        579105.01   4141856.41       88.65193  (13012318)                579125.01
4141856.41       84.84601  (13012318)
        579145.01   4141856.41       80.19649  (13012318)                579165.01
4141856.41       75.02993  (13012318)
        579185.01   4141856.41       73.95216  (11121618)                579205.01
4141856.41       74.27440  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                        ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	73.84303	(11121618)	579245.01	4141856.41	72.90014	(11121618)
579265.01	4141856.41	71.43241	(11121618)	579285.01	4141856.41	69.35934	(11121618)
579305.01	4141856.41	67.05814	(11121618)	579325.01	4141856.41	65.09776	(17112518)
579345.01	4141856.41	63.49257	(17112518)	578545.01	4141876.41	138.05522	(09010809)
578565.01	4141876.41	135.14519	(16121017)	578585.01	4141876.41	139.18521	(12112718)
578605.01	4141876.41	147.33323	(12112718)	578625.01	4141876.41	150.93537	(12112718)
578645.01	4141876.41	155.51348	(09112618)	578665.01	4141876.41	155.97021	(09112618)
578685.01	4141876.41	149.92298	(09112618)	578705.01	4141876.41	140.01815	(16120918)
578725.01	4141876.41	126.05495	(14120418)	578745.01	4141876.41	113.64662	(11112817)
578765.01	4141876.41	115.98211	(14103118)	578785.01	4141876.41	120.03108	(14103118)
578805.01	4141876.41	120.48078	(14103118)	578825.01	4141876.41	117.23231	(14103118)
578845.01	4141876.41	113.59076	(12121918)	578865.01	4141876.41	118.81136	(12121918)
578885.01	4141876.41	120.26652	(12121918)	578905.01	4141876.41	122.10145	(14121218)
578925.01	4141876.41	123.31573	(14121218)	578945.01	4141876.41	121.18161	(14121218)
578965.01	4141876.41	116.13734	(14121218)	578985.01	4141876.41	108.75547	(14121218)
579005.01	4141876.41	99.72298	(14121218)	579025.01	4141876.41	94.16846	(14020618)
579045.01	4141876.41	89.53608	(14020618)	579065.01	4141876.41	85.88012	(13012318)

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        579085.01   4141876.41       85.61682  (13012318)                579105.01
4141876.41       84.19403  (13012318)
        579125.01   4141876.41       81.61869  (13012318)                579145.01
4141876.41       78.13526  (13012318)
        579165.01   4141876.41       73.97717  (13012318)                579185.01
4141876.41       69.45869  (13012318)
        579205.01   4141876.41       67.94688  (11121618)                579225.01
4141876.41       68.39573  (11121618)
        579245.01   4141876.41       68.28399  (11121618)                579265.01
4141876.41       67.64349  (11121618)
        579285.01   4141876.41       66.38626  (11121618)                579305.01
4141876.41       64.84108  (11121618)
        579325.01   4141876.41       63.07795  (11121618)                579345.01
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        578545.01   4141896.41      125.62495  (09010809)                578565.01
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4141896.41      139.63731  (12112718)
        578625.01   4141896.41      142.58964  (09112618)                578645.01
4141896.41      145.73066  (09112618)
        578665.01   4141896.41      143.39117  (09112618)                578685.01
4141896.41      136.46645  (16120918)
        578705.01   4141896.41      126.22787  (14120418)                578725.01
4141896.41      112.27284  (14120418)
        578745.01   4141896.41      104.35661  (11112817)                578765.01
4141896.41      108.24244  (14103118)
        578785.01   4141896.41      111.54769  (14103118)                578805.01
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        578825.01   4141896.41      108.77909  (14103118)                578845.01
4141896.41      104.63593  (12121918)
        578865.01   4141896.41      109.79789  (12121918)                578885.01
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4141896.41      114.58005  (14121218)
        578945.01   4141896.41      113.65715  (14121218)                578965.01
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4141896.41       96.74886  (14121218)
        579025.01   4141896.41       89.28753  (14020618)                579045.01
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4141896.41       79.67631  (13012318)
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4141896.41       77.83493  (13012318)
        579145.01   4141896.41       75.41268  (13012318)                579165.01
4141896.41       72.25098  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141896.41	68.59893	(13012318)	579205.01	4141896.41	64.54392	(13012318)
579225.01	4141896.41	62.66070	(11121618)	579245.01	4141896.41	63.21514	(11121618)
579265.01	4141896.41	63.29681	(11121618)	579285.01	4141896.41	62.80523	(11121618)
579305.01	4141896.41	61.98505	(11121618)	579325.01	4141896.41	60.76591	(11121618)
579345.01	4141896.41	59.21715	(11121618)	578565.01	4141916.41	123.29294	(12112718)
578585.01	4141916.41	129.02430	(12112718)	578605.01	4141916.41	131.16636	(12112718)
578625.01	4141916.41	135.32040	(09112618)	578645.01	4141916.41	135.75906	(09112618)
578665.01	4141916.41	131.25670	(09112618)	578685.01	4141916.41	124.31659	(16120918)
578705.01	4141916.41	113.96478	(14120418)	578725.01	4141916.41	99.90881	(14120418)
578745.01	4141916.41	96.15790	(14103118)	578765.01	4141916.41	101.35075	(14103118)
578785.01	4141916.41	104.05937	(14103118)	578805.01	4141916.41	104.00660	(14103118)
578825.01	4141916.41	101.33208	(14103118)	578845.01	4141916.41	96.72819	(12121918)
578865.01	4141916.41	101.79347	(12121918)	578885.01	4141916.41	104.10853	(12121918)
578905.01	4141916.41	103.91931	(14121218)	578925.01	4141916.41	106.51318	(14121218)
578945.01	4141916.41	106.58537	(14121218)	578965.01	4141916.41	104.20329	(14121218)
578985.01	4141916.41	99.73211	(14121218)	579005.01	4141916.41	93.53746	(14121218)

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        579025.01   4141916.41       86.12269  (14121218)                579045.01
4141916.41       82.09878  (14020618)
        579065.01   4141916.41       78.54823  (14020618)                579085.01
4141916.41       74.09760  (14020618)
        579105.01   4141916.41       74.23482  (13012318)                579125.01
4141916.41       73.67910  (13012318)
        579145.01   4141916.41       72.21945  (13012318)                579165.01
4141916.41       69.96181  (13012318)
        579185.01   4141916.41       67.16061  (13012318)                578386.27
4141125.26       93.70078  (11122717)
        578406.27   4141125.26       91.64560  (11122717)                578426.27
4141125.26       88.28694  (11122717)
        578446.27   4141125.26       88.60524  (16020318)                578466.27
4141125.26       81.08942  (16020318)
        578486.27   4141125.26       83.87626  (16020318)                578506.27
4141125.26       88.20913  (14112017)
        578526.27   4141125.26       96.21261  (14112017)                578546.27
4141125.26      103.06452  (14112017)
        578566.27   4141125.26      111.38899  (09012117)                578586.27
4141125.26      119.83038  (09012117)
        578606.27   4141125.26      125.68590  (09012117)                578626.27
4141125.26      128.16834  (09012117)
        578646.27   4141125.26      127.01332  (09012117)                578666.27
4141125.26      130.12155  (14121217)
        578686.27   4141125.26      131.73021  (14121217)                578706.27
4141125.26      130.23453  (11010818)
        578726.27   4141125.26      134.67042  (14010318)                578746.27
4141125.26      137.67132  (14010318)
        578766.27   4141125.26      136.62767  (16120717)                578786.27
4141125.26      139.96312  (16120717)
        578806.27   4141125.26      139.25833  (10010917)                578826.27
4141125.26      142.26238  (14122017)
        578846.27   4141125.26      140.89991  (10120918)                578866.27
4141125.26      138.04470  (13121418)
        578886.27   4141125.26      138.08803  (16110418)                578906.27
4141125.26      137.06593  (13122818)
        578926.27   4141125.26      137.15559  (09012317)                578946.27
4141125.26      135.94256  (09012317)
        578966.27   4141125.26      133.70103  (10121417)                578986.27
4141125.26      131.76934  (10121417)
        579006.27   4141125.26      127.40423  (11112917)                579026.27
4141125.26      122.72590  (13113018)
        579046.27   4141125.26      122.14297  (12111418)                579066.27
4141125.26      121.15748  (09011017)
        579086.27   4141125.26      119.53777  (09011017)                579106.27
4141125.26      115.00382  (09011017)
        579126.27   4141125.26      112.40466  (12111417)                579146.27
4141125.26      108.32903  (12111417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP3   ***
                                 INCLUDING SOURCE(S):   BC1_1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579166.27   4141125.26   102.26968 (12111417)   579186.27
4141125.26   99.07491 (17121318)
        579206.27   4141125.26   96.27561 (13110618)   578386.27
4141145.26   100.55189 (12010309)
        578406.27   4141145.26   99.65442 (11122717)   578426.27
4141145.26   97.62653 (11122717)
        578446.27   4141145.26   94.28628 (11122717)   578466.27
4141145.26   94.62374 (16020318)
        578486.27   4141145.26   87.11211 (16020318)   578506.27
4141145.26   89.95112 (16020318)
        578526.27   4141145.26   96.73639 (14112017)   578546.27
4141145.26   105.21886 (14112017)
        578566.27   4141145.26   112.38179 (09012117)   578586.27
4141145.26   122.88221 (09012117)
        578606.27   4141145.26   130.98511 (09012117)   578626.27
4141145.26   135.77829 (09012117)
        578646.27   4141145.26   136.54722 (09012117)   578666.27
4141145.26   136.59926 (14121217)
        578686.27   4141145.26   140.16456 (14121217)   578706.27
4141145.26   138.71752 (14121217)
        578726.27   4141145.26   142.71047 (11010818)   578746.27
4141145.26   146.52917 (14010318)
        578766.27   4141145.26   145.34665 (14010318)   578786.27
4141145.26   148.96309 (16120717)
        578806.27   4141145.26   148.17560 (10010917)   578826.27
4141145.26   151.49075 (14122017)
        578846.27   4141145.26   149.96197 (10120918)   578866.27
4141145.26   146.51950 (13121418)
        578886.27   4141145.26   146.76116 (16110418)   578906.27
4141145.26   145.63291 (13122818)

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        578926.27   4141145.26      146.30941  (09012317)              578946.27
4141145.26      143.37136  (09012317)
        578966.27   4141145.26      142.35293  (10121417)              578986.27
4141145.26      138.43542  (10121417)
        579006.27   4141145.26      133.88917  (11112917)              579026.27
4141145.26      130.58613  (12111418)
        579046.27   4141145.26      129.01861  (09011017)              579066.27
4141145.26      128.60807  (09011017)
        579086.27   4141145.26      124.71909  (09011017)              579106.27
4141145.26      120.78723  (12111417)
        579126.27   4141145.26      116.91065  (12111417)              579146.27
4141145.26      110.64581  (12111417)
        579166.27   4141145.26      106.43325  (17121318)              579186.27
4141145.26      103.01872  (13110618)
        579206.27   4141145.26      100.64153  (13110618)              578723.62
4141929.59       95.02528  (11112817)
        578743.62   4141929.59       92.09388  (14103118)              578763.62
4141929.59       96.93893  (14103118)
        578783.62   4141929.59       99.49080  (14103118)              578803.62
4141929.59       99.55111  (14103118)
        578823.62   4141929.59       97.16510  (14103118)              578843.62
4141929.59       92.39498  (14103118)
        578863.62   4141929.59       96.72046  (12121918)              578883.62
4141929.59       99.35695  (12121918)
        578903.62   4141929.59       99.45479  (12121918)              578923.62
4141929.59      101.46512  (14121218)
        578943.62   4141929.59      102.16965  (14121218)              578963.62
4141929.59      100.62945  (14121218)
        578983.62   4141929.59       97.06541  (14121218)              579003.62
4141929.59       91.76878  (14121218)
        579023.62   4141929.59       85.19725  (14121218)              579043.62
4141929.59       79.68915  (14020618)
        579063.62   4141929.59       76.85634  (14020618)              579083.62
4141929.59       73.07135  (14020618)
        579103.62   4141929.59       70.72637  (13012318)              579123.62
4141929.59       70.82005  (13012318)
        579143.62   4141929.59       69.99130  (13012318)              579163.62
4141929.59       68.34623  (13012318)
        579183.62   4141929.59       66.10424  (13012318)              578725.67
4141942.60       90.37606  (11112817)
        578745.67   4141942.60       89.28724  (14103118)              578765.67
4141942.60       93.45112  (14103118)
        578785.67   4141942.60       95.49562  (14103118)              578805.67
4141942.60       95.27035  (14103118)
        578825.67   4141942.60       92.72226  (14103118)              578845.67
4141942.60       88.02259  (14103118)
        578865.67   4141942.60       92.67309  (12121918)              578885.67
4141942.60       95.16567  (12121918)
        578905.67   4141942.60       95.38323  (12121918)              578925.67
4141942.60       97.06946  (14121218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578945.67	4141942.60	97.95897	(14121218)	578965.67	4141942.60	96.76019	(14121218)
578985.67	4141942.60	93.68114	(14121218)	579005.67	4141942.60	88.98038	(14121218)
579025.67	4141942.60	82.99530	(14121218)	579045.67	4141942.60	76.88944	(14020618)
579065.67	4141942.60	74.54428	(14020618)	579085.67	4141942.60	71.23528	(14020618)
579105.67	4141942.60	67.45807	(13012318)	579125.67	4141942.60	67.89875	(13012318)
579145.67	4141942.60	67.47753	(13012318)	579165.67	4141942.60	66.29390	(13012318)
579185.67	4141942.60	64.47066	(13012318)	578745.52	4141955.60	86.08786	(14103118)
578765.52	4141955.60	89.84635	(14103118)	578785.52	4141955.60	91.67813	(14103118)
578805.52	4141955.60	91.41054	(14103118)	578825.52	4141955.60	88.99174	(14103118)
578845.52	4141955.60	84.58081	(14103118)	578865.52	4141955.60	88.50392	(12121918)
578885.52	4141955.60	91.16400	(12121918)	578905.52	4141955.60	91.66903	(12121918)
578925.52	4141955.60	92.72024	(14121218)	578945.52	4141955.60	94.00847	(14121218)
578965.52	4141955.60	93.32688	(14121218)	578985.52	4141955.60	90.82248	(14121218)
579005.52	4141955.60	86.78352	(14121218)	579025.52	4141955.60	81.49576	(14121218)

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        579045.52   4141955.60       75.25123  (14121218)               579065.52
4141955.60       72.53270  (14020618)
        579085.52   4141955.60       69.75614  (14020618)               579105.52
4141955.60       66.23805  (14020618)
        579125.52   4141955.60       64.99289  (13012318)               579145.52
4141955.60       65.01669  (13012318)
        579165.52   4141955.60       64.30440  (13012318)               579185.52
4141955.60       62.94702  (13012318)
        578785.22   4141971.34       87.38245  (14103118)               578805.22
4141971.34       87.04741  (14103118)
        578825.22   4141971.34       84.78271  (14103118)               578845.22
4141971.34       80.72664  (14103118)
        578865.22   4141971.34       83.81319  (12121918)               578885.22
4141971.34       86.66689  (12121918)
        578905.22   4141971.34       87.46013  (12121918)               578925.22
4141971.34       87.77678  (14121218)
        578945.22   4141971.34       89.46161  (14121218)               578965.22
4141971.34       89.32750  (14121218)
        578985.22   4141971.34       87.48106  (14121218)               579005.22
4141971.34       84.14603  (14121218)
        579025.22   4141971.34       79.57809  (14121218)               579045.22
4141971.34       74.07067  (14121218)
        579065.22   4141971.34       70.03456  (14020618)               579085.22
4141971.34       67.86353  (14020618)
        579105.22   4141971.34       64.90417  (14020618)               579125.22
4141971.34       61.48887  (13012318)
        579145.22   4141971.34       61.97390  (13012318)               579165.22
4141971.34       61.79162  (13012318)
        579185.22   4141971.34       60.92339  (13012318)               578790.01
4141986.40       83.71257  (14103118)
        578810.01   4141986.40       82.84383  (14103118)               578830.01
4141986.40       80.27407  (14103118)
        578850.01   4141986.40       76.53453  (12121918)               578870.01
4141986.40       80.64247  (12121918)
        578890.01   4141986.40       83.06528  (12121918)               578910.01
4141986.40       83.64479  (12121918)
        578930.01   4141986.40       83.99486  (14121218)               578950.01
4141986.40       85.58327  (14121218)
        578970.01   4141986.40       85.49148  (14121218)               578990.01
4141986.40       83.80753  (14121218)
        579010.01   4141986.40       80.73666  (14121218)               579030.01
4141986.40       76.53253  (14121218)
        579050.01   4141986.40       71.43677  (14121218)               579070.01
4141986.40       67.24706  (14020618)
        579090.01   4141986.40       65.39723  (14020618)               579110.01
4141986.40       62.77936  (14020618)
        579130.01   4141986.40       59.57443  (14020618)               579150.01
4141986.40       59.15548  (13012318)
        579170.01   4141986.40       59.24511  (13012318)               579190.01
4141986.40       58.64460  (13012318)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP3 ***
INCLUDING SOURCE(S): BC1_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578850.54	4142001.46	72.95014	(12121918)	578870.54	4142001.46	76.95697	(12121918)
578890.54	4142001.46	79.38195	(12121918)	578910.54	4142001.46	80.15183	(12121918)
578930.54	4142001.46	80.01604	(14121218)	578950.54	4142001.46	81.77945	(14121218)
578970.54	4142001.46	82.03981	(14121218)	578990.54	4142001.46	80.82767	(14121218)
579010.54	4142001.46	78.28153	(14121218)	579030.54	4142001.46	74.59451	(14121218)
579050.54	4142001.46	70.03434	(14121218)	579070.54	4142001.46	64.82960	(14020618)
579090.54	4142001.46	63.43016	(14020618)	579110.54	4142001.46	61.27442	(14020618)
579130.54	4142001.46	58.48404	(14020618)	579150.54	4142001.46	56.31630	(13012318)
579170.54	4142001.46	56.73428	(13012318)	579190.54	4142001.46	56.52819	(13012318)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	165.33852	(12010309)	578405.01	4141176.41	162.51846	(11122717)
578425.01	4141176.41	160.67287	(11122717)	578445.01	4141176.41	153.24881	(11122717)
578465.01	4141176.41	140.95276	(11122717)	578485.01	4141176.41	145.03627	(16020318)
578505.01	4141176.41	158.67174	(16020318)	578525.01	4141176.41	164.88336	(16020318)
578545.01	4141176.41	162.90636	(16020318)	578565.01	4141176.41	178.32013	(14112017)
578585.01	4141176.41	200.66300	(14112017)	578605.01	4141176.41	211.93092	(13111917)
578625.01	4141176.41	230.55341	(09012117)	578645.01	4141176.41	235.46960	(09012117)
578665.01	4141176.41	227.48945	(17122818)	578685.01	4141176.41	237.97679	(14121217)
578705.01	4141176.41	233.28666	(14121217)	578725.01	4141176.41	242.71953	(11010818)
578745.01	4141176.41	251.16290	(14010318)	578765.01	4141176.41	244.56187	(14010318)
578785.01	4141176.41	253.61084	(16120717)	578805.01	4141176.41	246.60907	(10010917)
578825.01	4141176.41	257.00107	(09013118)	578845.01	4141176.41	254.28874	(13121418)
578865.01	4141176.41	248.34493	(16110418)	578885.01	4141176.41	257.03321	(09011617)
578905.01	4141176.41	247.94006	(13121417)	578925.01	4141176.41	249.86673	(09012317)
578945.01	4141176.41	248.44219	(10121417)	578965.01	4141176.41	248.25066	(10121417)
578985.01	4141176.41	240.00293	(11112917)	579005.01	4141176.41	234.95705	(13113018)
579025.01	4141176.41	235.56082	(12111418)	579045.01	4141176.41	233.40357	(09011017)
579065.01	4141176.41	228.98765	(09011017)	579085.01	4141176.41	224.80138	(12111417)

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        579105.01   4141176.41      217.93496  (12111417)                579125.01
4141176.41      211.34306  (17121318)
        579145.01   4141176.41      204.84655  (17121318)                579165.01
4141176.41      198.45786  (13110618)
        579185.01   4141176.41      195.37914  (13110618)                579205.01
4141176.41      187.26535  (15011018)
        579225.01   4141176.41      172.39203  (15011018)                578385.01
4141196.41      172.13213  (12010309)
        578405.01   4141196.41      175.66872  (12010309)                578425.01
4141196.41      172.44975  (12010309)
        578445.01   4141196.41      171.10851  (11122717)                578465.01
4141196.41      164.66241  (11122717)
        578485.01   4141196.41      152.20939  (11122717)                578505.01
4141196.41      156.63964  (16020318)
        578525.01   4141196.41      170.33621  (16020318)                578545.01
4141196.41      175.67551  (16020318)
        578565.01   4141196.41      171.79302  (16020318)                578585.01
4141196.41      199.57772  (14112017)
        578605.01   4141196.41      219.01114  (14112017)                578625.01
4141196.41      234.35266  (09012117)
        578645.01   4141196.41      249.22050  (09012117)                578665.01
4141196.41      245.34359  (09012117)
        578685.01   4141196.41      248.40939  (14121217)                578705.01
4141196.41      251.03863  (14121217)
        578725.01   4141196.41      253.14388  (11010818)                578745.01
4141196.41      264.50299  (14010318)
        578765.01   4141196.41      261.91501  (14010318)                578785.01
4141196.41      268.31942  (16120717)
        578805.01   4141196.41      261.58155  (15010818)                578825.01
4141196.41      272.08353  (09013118)
        578845.01   4141196.41      268.44830  (13121418)                578865.01
4141196.41      264.22784  (16110418)
        578885.01   4141196.41      272.25702  (09011617)                578905.01
4141196.41      262.92375  (09012317)
        578925.01   4141196.41      265.28474  (16010818)                578945.01
4141196.41      265.63730  (10121417)
        578965.01   4141196.41      257.01108  (10121417)                578985.01
4141196.41      249.69388  (10010418)
        579005.01   4141196.41      248.63173  (12111418)                579025.01
4141196.41      246.47769  (12111418)
        579045.01   4141196.41      246.76950  (09011017)                579065.01
4141196.41      239.31171  (10120217)
        579085.01   4141196.41      235.09727  (12111417)                579105.01
4141196.41      225.38705  (17121318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	220.19048	(17121318)	579145.01	4141196.41	211.89700	(13110618)
579165.01	4141196.41	208.72528	(13110618)	579185.01	4141196.41	199.76090	(15011018)
579205.01	4141196.41	182.94026	(15011018)	579225.01	4141196.41	159.80453	(15011018)
579245.01	4141196.41	150.12115	(09011517)	578385.01	4141216.41	169.44501	(12010309)
578405.01	4141216.41	180.96713	(12010309)	578425.01	4141216.41	186.44205	(12010309)
578445.01	4141216.41	185.41732	(12010309)	578465.01	4141216.41	183.37943	(11122717)
578485.01	4141216.41	177.51561	(11122717)	578505.01	4141216.41	164.80353	(11122717)
578525.01	4141216.41	169.62100	(16020318)	578545.01	4141216.41	183.22829	(16020318)
578565.01	4141216.41	187.37518	(16020318)	578585.01	4141216.41	193.15000	(14112017)
578605.01	4141216.41	221.99258	(14112017)	578625.01	4141216.41	237.37786	(14112017)
578645.01	4141216.41	259.34266	(09012117)	578665.01	4141216.41	265.25625	(09012117)
578685.01	4141216.41	256.95054	(14112818)	578705.01	4141216.41	268.14042	(14121217)
578725.01	4141216.41	263.18063	(11010818)	578745.01	4141216.41	278.35046	(14010318)
578765.01	4141216.41	280.51633	(14010318)	578785.01	4141216.41	284.62672	(16120717)
578805.01	4141216.41	278.41190	(15010818)	578825.01	4141216.41	288.85335	(09013118)
578845.01	4141216.41	283.93387	(13121418)	578925.01	4141216.41	281.09247	(16010818)
578945.01	4141216.41	280.99188	(10121417)	578965.01	4141216.41	270.64840	(11112917)

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        578985.01   4141216.41      265.22739  (13113018)                579005.01
4141216.41      265.69562  (12111418)
        579025.01   4141216.41      264.01244  (09011017)                579045.01
4141216.41      257.55780  (10120217)
        579065.01   4141216.41      253.20990  (12111417)                579085.01
4141216.41      241.51674  (11111218)
        579105.01   4141216.41      237.26561  (17121318)                579125.01
4141216.41      226.82011  (13110618)
        579145.01   4141216.41      223.70511  (13110618)                579165.01
4141216.41      213.76800  (15011018)
        579185.01   4141216.41      194.73101  (15011018)                579205.01
4141216.41      168.67791  (15011018)
        579225.01   4141216.41      159.98736  (09011517)                579245.01
4141216.41      148.91150  (09011517)
        578385.01   4141236.41      158.07172  (12010309)                578405.01
4141236.41      176.72282  (12010309)
        578425.01   4141236.41      190.93019  (12010309)                578445.01
4141236.41      198.98211  (12010309)
        578465.01   4141236.41      199.87836  (12010309)                578485.01
4141236.41      196.92792  (11122717)
        578505.01   4141236.41      192.01444  (11122717)                578525.01
4141236.41      179.32364  (11122717)
        578545.01   4141236.41      184.10421  (16020318)                578565.01
4141236.41      197.39389  (16020318)
        578585.01   4141236.41      200.09149  (16020318)                578605.01
4141236.41      219.21252  (14112017)
        578625.01   4141236.41      245.42186  (14112017)                578645.01
4141236.41      264.53197  (09012117)
        578665.01   4141236.41      282.15169  (09012117)                578685.01
4141236.41      277.38061  (09012117)
        578705.01   4141236.41      284.09839  (14121217)                578725.01
4141236.41      279.26622  (14121217)
        578745.01   4141236.41      294.77001  (11010818)                578765.01
4141236.41      300.61534  (14010318)
        578785.01   4141236.41      302.65996  (16120717)                578805.01
4141236.41      297.25299  (15010818)
        578825.01   4141236.41      307.61703  (09013118)                578945.01
4141236.41      294.28017  (10121417)
        578965.01   4141236.41      283.11956  (11010718)                578985.01
4141236.41      283.15603  (12111418)
        579005.01   4141236.41      280.50792  (09011017)                579025.01
4141236.41      276.93785  (09011017)
        579045.01   4141236.41      272.03781  (12111417)                579065.01
4141236.41      259.33591  (11111218)
        579085.01   4141236.41      256.29072  (17121318)                579105.01
4141236.41      243.60035  (13110618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	240.55242	(13110618)	579145.01	4141236.41	229.50920	(15011018)
579165.01	4141236.41	207.97810	(15011018)	579185.01	4141236.41	179.31366	(09011517)
579205.01	4141236.41	170.68402	(09011517)	579225.01	4141236.41	157.05340	(09011517)
579245.01	4141236.41	152.00127	(17122918)	578385.01	4141256.41	137.48890	(12010309)
578405.01	4141256.41	161.99096	(12010309)	578425.01	4141256.41	184.12144	(12010309)
578445.01	4141256.41	201.57633	(12010309)	578465.01	4141256.41	212.50092	(12010309)
578485.01	4141256.41	215.71222	(12010309)	578505.01	4141256.41	212.24269	(11122717)
578525.01	4141256.41	208.16956	(11122717)	578545.01	4141256.41	195.41080	(11122717)
578565.01	4141256.41	200.32180	(16020318)	578585.01	4141256.41	213.18194	(16020318)
578605.01	4141256.41	213.98228	(16020318)	578625.01	4141256.41	247.47150	(14112017)
578645.01	4141256.41	269.30938	(14112017)	578665.01	4141256.41	294.80078	(09012117)
578685.01	4141256.41	301.96624	(09012117)	578705.01	4141256.41	298.21294	(14121217)
578725.01	4141256.41	303.32633	(14121217)	578745.01	4141256.41	312.75176	(11010818)
578765.01	4141256.41	322.48462	(14010318)	578785.01	4141256.41	322.70016	(16120717)
578805.01	4141256.41	318.93819	(09013118)	578965.01	4141256.41	302.45289	(11010718)
578985.01	4141256.41	302.19700	(12111418)	579005.01	4141256.41	300.36998	(09011017)

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        579025.01   4141256.41      291.81917  (10120217)                579045.01
4141256.41      283.65418  (12111417)
        579065.01   4141256.41      277.37922  (17121318)                579085.01
4141256.41      262.48636  (13110618)
        579105.01   4141256.41      259.64452  (13110618)                579125.01
4141256.41      247.40332  (15011018)
        579145.01   4141256.41      222.89091  (15011018)                579165.01
4141256.41      193.70005  (09011517)
        579185.01   4141256.41      182.36870  (09011517)                579205.01
4141256.41      168.71825  (12120718)
        579225.01   4141256.41      165.71404  (17122918)                579245.01
4141256.41      161.41984  (17122918)
        579265.01   4141256.41      155.62353  (14011818)                578385.01
4141276.41      128.37417  (09110418)
        578405.01   4141276.41      138.03233  (12010309)                578425.01
4141276.41      165.74199  (12010309)
        578445.01   4141276.41      191.57523  (12010309)                578465.01
4141276.41      212.74288  (12010309)
        578485.01   4141276.41      227.14738  (12010309)                578505.01
4141276.41      233.15236  (12010309)
        578525.01   4141276.41      230.10786  (12010309)                578545.01
4141276.41      226.18961  (11122717)
        578565.01   4141276.41      213.86740  (11122717)                578585.01
4141276.41      218.67944  (16020318)
        578605.01   4141276.41      230.56109  (16020318)                578625.01
4141276.41      242.60552  (14112017)
        578645.01   4141276.41      277.52637  (14112017)                578665.01
4141276.41      302.08528  (09012117)
        578685.01   4141276.41      323.27597  (09012117)                578705.01
4141276.41      317.91493  (09012117)
        578725.01   4141276.41      327.05669  (14121217)                578745.01
4141276.41      331.21445  (11010818)
        578765.01   4141276.41      346.47814  (14010318)                578785.01
4141276.41      345.54140  (16120717)
        578985.01   4141276.41      322.96896  (09011017)                579005.01
4141276.41      317.59776  (10120217)
        579025.01   4141276.41      310.00254  (12111417)                579045.01
4141276.41      301.02122  (17121318)
        579065.01   4141276.41      285.83513  (17121318)                579085.01
4141276.41      281.46751  (13110618)
        579105.01   4141276.41      267.93643  (15011018)                579125.01
4141276.41      239.90641  (15011018)
        579145.01   4141276.41      209.82656  (09011517)                579165.01
4141276.41      195.12394  (09011517)
        579185.01   4141276.41      182.94785  (12120718)                579205.01
4141276.41      180.29381  (17122918)
        579225.01   4141276.41      172.92528  (17122918)                579245.01
4141276.41      169.79038  (14011818)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP4   ***
                                 INCLUDING SOURCE(S):   BC1_1D   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579265.01   4141276.41   164.22369 (14011818)   578385.01
4141296.41   155.23004 (09110418)
        578405.01   4141296.41   150.02489 (09110418)   578425.01
4141296.41   140.88084 (09110418)
        578445.01   4141296.41   169.03140 (12010309)   578465.01
4141296.41   199.01221 (12010309)
        578485.01   4141296.41   224.59946 (12010309)   578505.01
4141296.41   242.97785 (12010309)
        578525.01   4141296.41   252.31856 (12010309)   578545.01
4141296.41   251.67198 (12010309)
        578565.01   4141296.41   246.70551 (11122717)   578585.01
4141296.41   235.18342 (11122717)
        578605.01   4141296.41   239.25580 (16020318)   578625.01
4141296.41   250.12000 (16020318)
        578645.01   4141296.41   278.64492 (14112017)   578665.01
4141296.41   309.03977 (14112017)
        578685.01   4141296.41   339.95607 (09012117)   578705.01
4141296.41   349.21299 (09012117)
        578725.01   4141296.41   349.41556 (14121217)   578745.01
4141296.41   350.01631 (11010818)
        579005.01   4141296.41   337.76572 (12111417)   579025.01
4141296.41   327.40940 (17121318)
        579045.01   4141296.41   314.48608 (17121318)   579065.01
4141296.41   306.60846 (13110618)
        579085.01   4141296.41   291.69948 (15011018)   579105.01
4141296.41   259.54488 (15011018)
        579125.01   4141296.41   227.99069 (09011517)   579145.01
4141296.41   209.08011 (09011517)
        579165.01   4141296.41   201.81674 (17122918)   579185.01
4141296.41   195.81824 (17122918)

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        579205.01   4141296.41      189.67384  (14011818)              579225.01
4141296.41      184.27593  (14011818)
        579245.01   4141296.41      175.08332  (14011818)              579265.01
4141296.41      165.11155  (17120218)
        579285.01   4141296.41      161.48710  (17120218)              578385.01
4141316.41      174.08613  (09110418)
        578405.01   4141316.41      174.94632  (09110418)              578425.01
4141316.41      172.93344  (09110418)
        578445.01   4141316.41      166.19082  (09110418)              578465.01
4141316.41      171.71464  (12010309)
        578485.01   4141316.41      206.38827  (12010309)              578505.01
4141316.41      237.05060  (12010309)
        578525.01   4141316.41      260.18431  (12010309)              578545.01
4141316.41      273.44275  (12010309)
        578565.01   4141316.41      275.94635  (12010309)              578585.01
4141316.41      270.20485  (11122717)
        578605.01   4141316.41      260.04018  (11122717)              578625.01
4141316.41      262.86723  (16020318)
        578645.01   4141316.41      272.40217  (16020318)              578665.01
4141316.41      317.92130  (14112017)
        578685.01   4141316.41      350.88919  (09012117)              578705.01
4141316.41      376.98397  (09012117)
        578725.01   4141316.41      371.93553  (09012117)              579025.01
4141316.41      347.30107  (17121318)
        579045.01   4141316.41      335.81377  (13110618)              579065.01
4141316.41      319.54912  (15011018)
        579085.01   4141316.41      282.50869  (15011018)              579105.01
4141316.41      248.65857  (09011517)
        579125.01   4141316.41      226.82600  (12120718)              579145.01
4141316.41      222.57665  (17122918)
        579165.01   4141316.41      213.33002  (14011818)              579185.01
4141316.41      208.49337  (14011818)
        579205.01   4141316.41      198.60543  (14011818)              579225.01
4141316.41      185.57503  (17120218)
        579245.01   4141316.41      181.19822  (17120218)              579265.01
4141316.41      173.92294  (17120218)
        579285.01   4141316.41      164.46769  (17120218)              578385.01
4141336.41      179.94417  (09110418)
        578405.01   4141336.41      188.51206  (09110418)              578425.01
4141336.41      193.87650  (09110418)
        578445.01   4141336.41      195.77601  (09110418)              578465.01
4141336.41      193.60405  (09110418)
        578485.01   4141336.41      185.94628  (09110418)              578505.01
4141336.41      213.71458  (12010309)
        578525.01   4141336.41      250.27793  (12010309)              578545.01
4141336.41      279.06081  (12010309)
        578565.01   4141336.41      296.97398  (12010309)              578585.01
4141336.41      303.33275  (12010309)
        578605.01   4141336.41      298.11647  (12010309)              578625.01
4141336.41      289.23863  (11122717)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141336.41	289.80035	(16020318)	578665.01	4141336.41	318.32010	(14112017)
578685.01	4141336.41	360.26921	(14112017)	578705.01	4141336.41	399.91312	(09012117)
579025.01	4141336.41	370.10852	(15011018)	579045.01	4141336.41	352.60062	(15011018)
579065.01	4141336.41	309.79883	(15011018)	579085.01	4141336.41	272.34163	(09011517)
579105.01	4141336.41	253.80755	(17122918)	579125.01	4141336.41	245.31033	(17122918)
579145.01	4141336.41	238.07880	(14011818)	579165.01	4141336.41	227.71430	(14011818)
579185.01	4141336.41	212.16914	(14011818)	579205.01	4141336.41	205.43019	(17120218)
579225.01	4141336.41	196.40377	(17120218)	579245.01	4141336.41	184.64603	(17120218)
579265.01	4141336.41	174.74362	(09120518)	579285.01	4141336.41	166.85913	(17112018)
578385.01	4141356.41	170.45923	(09110418)	578405.01	4141356.41	186.39511	(09110418)
578425.01	4141356.41	200.31371	(09110418)	578445.01	4141356.41	211.05518	(09110418)
578465.01	4141356.41	218.04393	(09110418)	578485.01	4141356.41	221.18340	(09110418)
578505.01	4141356.41	218.55622	(09110418)	578525.01	4141356.41	221.03402	(12010309)
578545.01	4141356.41	264.66485	(12010309)	578565.01	4141356.41	300.11890	(12010309)

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        578585.01   4141356.41      323.54150  (12010309)              578605.01
4141356.41      334.63220  (12010309)
        578625.01   4141356.41      333.60261  (12010309)              578645.01
4141356.41      323.67589  (11122717)
        578665.01   4141356.41      321.34302  (16020318)              578685.01
4141356.41      370.96671  (14112017)
        579025.01   4141356.41      392.65615  (15011018)              579045.01
4141356.41      342.92445  (15011018)
        579065.01   4141356.41      299.90358  (09011517)              579085.01
4141356.41      285.48585  (17122918)
        579105.01   4141356.41      274.63123  (14011818)              579125.01
4141356.41      264.32297  (14011818)
        579145.01   4141356.41      246.62350  (14011818)              579165.01
4141356.41      235.95461  (17120218)
        579185.01   4141356.41      224.45304  (17120218)              579205.01
4141356.41      209.54328  (17120218)
        579225.01   4141356.41      197.44336  (09120518)              579245.01
4141356.41      189.88229  (17112018)
        579265.01   4141356.41      182.65014  (17112018)              579285.01
4141356.41      173.86045  (17112018)
        579305.01   4141356.41      163.98884  (17112018)              578385.01
4141376.41      183.22832  (16030918)
        578405.01   4141376.41      189.31319  (16030918)              578425.01
4141376.41      193.25365  (16030918)
        578445.01   4141376.41      207.68748  (09110418)              578465.01
4141376.41      224.77403  (09110418)
        578485.01   4141376.41      238.16175  (09110418)              578505.01
4141376.41      247.52373  (09110418)
        578525.01   4141376.41      251.93535  (09110418)              578545.01
4141376.41      249.22375  (09110418)
        578565.01   4141376.41      280.55210  (12010309)              578585.01
4141376.41      324.14705  (12010309)
        578605.01   4141376.41      354.28138  (12010309)              578625.01
4141376.41      370.71435  (12010309)
        578645.01   4141376.41      375.21987  (12010309)              578665.01
4141376.41      367.03951  (12010309)
        578685.01   4141376.41      372.60359  (14112017)              579005.01
4141376.41      442.12452  (15011018)
        579025.01   4141376.41      384.12679  (15011018)              579045.01
4141376.41      333.42553  (17122918)
        579065.01   4141376.41      321.49272  (17122918)              579085.01
4141376.41      311.32064  (14011818)
        579105.01   4141376.41      291.34533  (14011818)              579125.01
4141376.41      275.27677  (17120218)
        579145.01   4141376.41      260.33926  (17120218)              579165.01
4141376.41      240.96382  (17120218)
        579185.01   4141376.41      226.41136  (17112018)              579205.01
4141376.41      218.09525  (17112018)
        579225.01   4141376.41      207.34647  (17112018)              579245.01
4141376.41      194.97834  (17112018)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141376.41	181.63812	(17112018)	579285.01	4141376.41	167.88027	(17112018)
579305.01	4141376.41	156.10957	(13120418)	578385.01	4141396.41	182.42582	(16030918)
578405.01	4141396.41	194.97732	(16030918)	578425.01	4141396.41	206.31566	(16030918)
578445.01	4141396.41	216.07956	(16030918)	578465.01	4141396.41	223.74932	(16030918)
578485.01	4141396.41	233.37874	(09110418)	578505.01	4141396.41	254.61128	(09110418)
578525.01	4141396.41	272.59989	(09110418)	578545.01	4141396.41	283.93994	(09110418)
578565.01	4141396.41	289.69849	(09110418)	578585.01	4141396.41	298.23396	(12010309)
578605.01	4141396.41	352.21254	(12010309)	578625.01	4141396.41	390.32733	(12010309)
578645.01	4141396.41	413.21586	(12010309)	578665.01	4141396.41	425.00683	(12010309)
579005.01	4141396.41	437.30688	(15011018)	579025.01	4141396.41	386.55271	(17122918)
579045.01	4141396.41	372.79488	(14011818)	579065.01	4141396.41	351.22388	(14011818)
579085.01	4141396.41	327.66172	(17120218)	579105.01	4141396.41	307.69415	(17120218)
579125.01	4141396.41	282.30707	(09120518)	579145.01	4141396.41	266.59303	(17112018)
579165.01	4141396.41	253.27537	(17112018)	579185.01	4141396.41	237.27852	(17112018)

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        579205.01   4141396.41      219.79391  (17112018)              579225.01
4141396.41      201.69265  (17112018)
        579245.01   4141396.41      185.00416  (13120418)              579265.01
4141396.41      173.63659  (13112518)
        579285.01   4141396.41      165.57784  (10120118)              579305.01
4141396.41      161.14109  (10120118)
        578385.01   4141416.41      210.01667  (14120118)              578405.01
4141416.41      213.74367  (14120118)
        578425.01   4141416.41      216.26835  (14120118)              578445.01
4141416.41      217.34063  (14120118)
        578465.01   4141416.41      232.76096  (16030918)              578485.01
4141416.41      247.83493  (16030918)
        578505.01   4141416.41      260.36740  (16030918)              578525.01
4141416.41      270.00356  (16030918)
        578545.01   4141416.41      292.74088  (09110418)              578565.01
4141416.41      314.52293  (09110418)
        578585.01   4141416.41      330.34442  (09110418)              578605.01
4141416.41      339.55292  (09110418)
        578625.01   4141416.41      386.59147  (12010309)              578645.01
4141416.41      434.61034  (12010309)
        578665.01   4141416.41      464.96537  (12010309)              579025.01
4141416.41      434.50481  (14011818)
        579045.01   4141416.41      400.55682  (17120218)              579065.01
4141416.41      372.97225  (17120218)
        579085.01   4141416.41      338.44498  (09120518)              579105.01
4141416.41      319.37159  (17112018)
        579125.01   4141416.41      298.01807  (17112018)              579145.01
4141416.41      274.05135  (17112018)
        579165.01   4141416.41      249.10150  (17112018)              579185.01
4141416.41      224.65824  (13120418)
        579205.01   4141416.41      209.37536  (10120118)              579225.01
4141416.41      202.62424  (10120118)
        579245.01   4141416.41      195.03121  (10120118)              579265.01
4141416.41      186.99536  (11121418)
        579285.01   4141416.41      178.68655  (11121418)              579305.01
4141416.41      170.24340  (11121418)
        578385.01   4141436.41      227.08676  (14120118)              578405.01
4141436.41      237.72893  (14120118)
        578425.01   4141436.41      247.91744  (14120118)              578445.01
4141436.41      257.39342  (14120118)
        578465.01   4141436.41      265.73592  (14120118)              578485.01
4141436.41      272.69690  (14120118)
        578505.01   4141436.41      277.63614  (14120118)              578525.01
4141436.41      285.29849  (16030918)
        578545.01   4141436.41      305.39682  (16030918)              578565.01
4141436.41      322.17949  (16030918)
        578585.01   4141436.41      342.36398  (09110418)              578605.01
4141436.41      371.09566  (09110418)
        578625.01   4141436.41      392.42464  (09110418)              578645.01
4141436.41      430.93992  (12010309)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579025.01	4141436.41	468.93471	(17120218)	579045.01	4141436.41	421.60870	(17112018)
579065.01	4141436.41	391.52513	(17112018)	579085.01	4141436.41	356.47446	(17112018)
579105.01	4141436.41	319.75008	(17112018)	579125.01	4141436.41	283.68930	(17112018)
579145.01	4141436.41	267.15144	(10120118)	579165.01	4141436.41	254.57198	(10120118)
579185.01	4141436.41	241.38840	(10120118)	579205.01	4141436.41	228.01669	(10120118)
579225.01	4141436.41	214.76281	(11121418)	579245.01	4141436.41	201.83195	(11121418)
579265.01	4141436.41	189.27181	(11121418)	579285.01	4141436.41	177.26528	(11121418)
579305.01	4141436.41	168.99439	(10122318)	579325.01	4141436.41	162.20548	(10122318)
578385.01	4141456.41	219.26189	(14120118)	578405.01	4141456.41	235.21629	(14120118)
578425.01	4141456.41	251.82504	(14120118)	578445.01	4141456.41	268.97032	(14120118)
578465.01	4141456.41	286.32922	(14120118)	578485.01	4141456.41	303.73401	(14120118)
578505.01	4141456.41	320.37899	(14120118)	578525.01	4141456.41	336.91312	(14120118)
578545.01	4141456.41	351.47986	(14120118)	578565.01	4141456.41	364.90472	(14120118)
578585.01	4141456.41	376.45922	(14120118)	578605.01	4141456.41	390.98539	(16030918)

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        578625.01   4141456.41      415.29237  (16030918)               578645.01
4141456.41      450.46839  (09110418)
        579045.01   4141456.41      435.58831  (17112018)               579065.01
4141456.41      380.24931  (10120118)
        579085.01   4141456.41      355.89645  (10120118)               579105.01
4141456.41      331.36042  (10120118)
        579125.01   4141456.41      307.41816  (10120118)               579145.01
4141456.41      284.47180  (10120118)
        579165.01   4141456.41      262.78404  (10120118)               579185.01
4141456.41      242.47275  (10120118)
        579205.01   4141456.41      229.19686  (10122318)               579225.01
4141456.41      216.98914  (10122318)
        579245.01   4141456.41      205.35329  (10122318)               579265.01
4141456.41      194.33694  (10122318)
        578385.01   4141476.41      219.55256  (12010417)               578405.01
4141476.41      228.92877  (12010417)
        578425.01   4141476.41      238.70917  (12010417)               578445.01
4141476.41      248.84126  (12010417)
        578465.01   4141476.41      269.47069  (14120118)               578485.01
4141476.41      294.33834  (14120118)
        578505.01   4141476.41      320.56346  (14120118)               578525.01
4141476.41      348.97711  (14120118)
        578545.01   4141476.41      377.53798  (14120118)               578565.01
4141476.41      407.79017  (14120118)
        578585.01   4141476.41      438.61438  (14120118)               578605.01
4141476.41      469.45406  (14120118)
        578625.01   4141476.41      499.78451  (14120118)               578645.01
4141476.41      529.99227  (14120118)
        579065.01   4141476.41      406.41750  (10120118)               579085.01
4141476.41      366.88647  (10122318)
        579105.01   4141476.41      338.50578  (10122318)               579125.01
4141476.41      312.87038  (10122318)
        579145.01   4141476.41      289.67349  (10122318)               579165.01
4141476.41      268.62782  (10122318)
        579185.01   4141476.41      249.43336  (10122318)               579205.01
4141476.41      231.97450  (10122318)
        579225.01   4141476.41      217.64351  (11112918)               578385.01
4141496.41      228.67440  (12010417)
        578405.01   4141496.41      241.73282  (12010417)               578425.01
4141496.41      255.77349  (12010417)
        578445.01   4141496.41      270.99392  (12010417)               578465.01
4141496.41      287.60556  (12010417)
        578485.01   4141496.41      305.91392  (12010417)               578505.01
4141496.41      325.53122  (12010417)
        578525.01   4141496.41      347.95036  (12010417)               578545.01
4141496.41      370.98016  (12010417)
        578565.01   4141496.41      397.08552  (12010417)               578585.01
4141496.41      431.65696  (14120118)
        578605.01   4141496.41      483.23332  (14120118)               578625.01
4141496.41      540.45092  (14120118)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141496.41	604.24003	(14120118)	579085.01	4141496.41	373.66333	(11112918)
579105.01	4141496.41	341.71370	(11112918)	579125.01	4141496.41	313.98769	(11112918)
579145.01	4141496.41	289.73119	(11112918)	579165.01	4141496.41	268.32308	(11112918)
579185.01	4141496.41	249.28236	(11112918)	579205.01	4141496.41	232.23775	(11112918)
578385.01	4141516.41	248.51346	(13012417)	578405.01	4141516.41	262.20678	(13012417)
578425.01	4141516.41	277.21578	(13012417)	578445.01	4141516.41	293.65547	(13012417)
578465.01	4141516.41	311.89895	(13012417)	578485.01	4141516.41	332.35293	(13012417)
578505.01	4141516.41	355.06624	(13012417)	578525.01	4141516.41	381.48679	(13012417)
578545.01	4141516.41	410.12709	(13012417)	578565.01	4141516.41	443.86151	(13012417)
578585.01	4141516.41	482.93640	(13012417)	578605.01	4141516.41	529.12732	(13012417)
578625.01	4141516.41	584.97658	(13012417)	578645.01	4141516.41	654.66157	(13012417)
579085.01	4141516.41	349.26849	(11112918)	579105.01	4141516.41	317.10064	(11112918)
579125.01	4141516.41	289.38928	(11112918)	579145.01	4141516.41	265.36470	(11112918)
579165.01	4141516.41	244.37106	(11112918)	578385.01	4141536.41	241.26247	(13012417)

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        578405.01   4141536.41      254.69412  (13012417)              578425.01
4141536.41      269.54289  (13012417)
        578445.01   4141536.41      285.90803  (13012417)              578465.01
4141536.41      304.01375  (13012417)
        578485.01   4141536.41      324.18922  (13012417)              578505.01
4141536.41      346.71796  (13012417)
        578525.01   4141536.41      372.98813  (13012417)              578545.01
4141536.41      401.31224  (13012417)
        578565.01   4141536.41      435.46430  (17121418)              578585.01
4141536.41      475.12311  (17121418)
        578605.01   4141536.41      521.90510  (17121418)              578625.01
4141536.41      578.69535  (17121418)
        578645.01   4141536.41      649.06959  (17121418)              578665.01
4141536.41      739.70516  (17121418)
        579105.01   4141536.41      268.86506  (09112318)              579125.01
4141536.41      248.79386  (09112318)
        579185.01   4141536.41      201.47624  (09112318)              578385.01
4141556.41      215.52869  (17121418)
        578405.01   4141556.41      226.51755  (17121418)              578425.01
4141556.41      238.47378  (17121418)
        578445.01   4141556.41      252.47552  (10012218)              578465.01
4141556.41      269.42087  (10012218)
        578485.01   4141556.41      287.86800  (10012218)              578505.01
4141556.41      308.04635  (10012218)
        578525.01   4141556.41      331.14316  (10012218)              578545.01
4141556.41      354.78657  (10012218)
        578565.01   4141556.41      382.19426  (10012218)              578585.01
4141556.41      412.54826  (10012218)
        578605.01   4141556.41      446.73190  (10012218)              578625.01
4141556.41      484.96095  (10012218)
        578645.01   4141556.41      528.43094  (10012218)              578665.01
4141556.41      578.71790  (10012218)
        578685.01   4141556.41      733.71930  (16120718)              579165.01
4141556.41      230.42942  (16011318)
        579185.01   4141556.41      211.50669  (16011318)              579205.01
4141556.41      194.56174  (16011318)
        578385.01   4141576.41      210.16133  (10012218)              578405.01
4141576.41      220.20127  (10012218)
        578425.01   4141576.41      230.83683  (10012218)              578445.01
4141576.41      242.09005  (10012218)
        578465.01   4141576.41      253.85803  (10012218)              578485.01
4141576.41      266.29634  (10012218)
        578505.01   4141576.41      279.49924  (10012218)              578525.01
4141576.41      293.81796  (10012218)
        578545.01   4141576.41      307.72270  (10012218)              578565.01
4141576.41      322.83173  (10012218)
        578585.01   4141576.41      346.57666  (15102718)              578605.01
4141576.41      399.43085  (15102718)
        578625.01   4141576.41      459.53384  (16120718)              578645.01
4141576.41      555.16876  (16120718)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141576.41	647.37969	(16120718)	578685.01	4141576.41	732.79625	(16120718)
578705.01	4141576.41	821.85842	(16120718)	579145.01	4141576.41	261.25962	(16011318)
579165.01	4141576.41	243.72966	(16011318)	579185.01	4141576.41	227.39379	(16011318)
579205.01	4141576.41	212.19976	(16011318)	579225.01	4141576.41	198.13302	(16011318)
579245.01	4141576.41	185.11082	(16011318)	579265.01	4141576.41	173.08022	(16011318)
578385.01	4141596.41	184.49579	(10012218)	578405.01	4141596.41	189.98477	(10012218)
578425.01	4141596.41	195.33162	(10012218)	578445.01	4141596.41	200.66897	(10012218)
578465.01	4141596.41	205.82950	(10012218)	578485.01	4141596.41	212.91283	(15102718)
578505.01	4141596.41	242.58604	(15102718)	578525.01	4141596.41	274.72104	(15102718)
578545.01	4141596.41	307.91077	(15102718)	578565.01	4141596.41	342.08788	(15102718)
578585.01	4141596.41	390.59249	(16120718)	578605.01	4141596.41	453.95036	(16120718)
578625.01	4141596.41	514.05678	(16120718)	578645.01	4141596.41	567.53852	(16120718)
578665.01	4141596.41	614.76085	(16120718)	578685.01	4141596.41	658.56003	(16120718)
578705.01	4141596.41	713.81704	(12010318)	578725.01	4141596.41	837.15598	(12010318)

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        578745.01   4141596.41      991.16183  (12010318)              579105.01
4141596.41      287.03136  (17010418)
        579145.01   4141596.41      247.99409  (17010418)              579165.01
4141596.41      231.28166  (16011318)
        579185.01   4141596.41      220.17321  (16011318)              579205.01
4141596.41      209.26544  (16011318)
        579225.01   4141596.41      198.66327  (16011318)              579245.01
4141596.41      188.42782  (16011318)
        579265.01   4141596.41      178.60630  (16011318)              579285.01
4141596.41      169.24251  (16011318)
        579305.01   4141596.41      160.34889  (16011318)              579325.01
4141596.41      151.92003  (16011318)
        579345.01   4141596.41      143.93412  (16011318)              578385.01
4141616.41      144.78662  (15102718)
        578405.01   4141616.41      163.00771  (15102718)              578425.01
4141616.41      182.76164  (15102718)
        578445.01   4141616.41      203.86693  (15102718)              578465.01
4141616.41      225.99864  (15102718)
        578485.01   4141616.41      248.72124  (15102718)              578505.01
4141616.41      271.50508  (15102718)
        578525.01   4141616.41      295.12978  (16120718)              578545.01
4141616.41      340.32607  (16120718)
        578565.01   4141616.41      385.30856  (16120718)              578585.01
4141616.41      426.54015  (16120718)
        578605.01   4141616.41      461.64403  (16120718)              578625.01
4141616.41      489.10455  (16120718)
        578645.01   4141616.41      508.64419  (16120718)              578665.01
4141616.41      549.11535  (12111618)
        578685.01   4141616.41      613.35859  (09121117)              578705.01
4141616.41      698.01991  (12010318)
        578725.01   4141616.41      786.05421  (12010318)              578745.01
4141616.41      872.05419  (12010318)
        579065.01   4141616.41      325.69671  (09012218)              579085.01
4141616.41      300.96202  (09012218)
        579105.01   4141616.41      274.57812  (09012218)              579125.01
4141616.41      253.68543  (16112518)
        579165.01   4141616.41      229.07945  (17010418)              579185.01
4141616.41      216.59521  (17010418)
        579205.01   4141616.41      203.87947  (17010418)              579225.01
4141616.41      191.21988  (17010418)
        579245.01   4141616.41      178.75803  (17010418)              579265.01
4141616.41      169.55256  (16011318)
        579285.01   4141616.41      163.13880  (16011318)              579305.01
4141616.41      156.77939  (16011318)
        579325.01   4141616.41      150.48780  (16011318)              579345.01
4141616.41      144.29435  (16011318)
        578385.01   4141636.41      174.79552  (15102718)              578405.01
4141636.41      190.93137  (15102718)
        578425.01   4141636.41      207.17606  (15102718)              578445.01
4141636.41      223.06881  (15102718)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578465.01	4141636.41	238.01901	(15102718)	578485.01	4141636.41	266.66520	(16120718)
578505.01	4141636.41	300.65637	(16120718)	578525.01	4141636.41	333.14862	(16120718)
578545.01	4141636.41	361.80174	(16120718)	578565.01	4141636.41	385.00145	(16120718)
578585.01	4141636.41	401.17683	(16120718)	578605.01	4141636.41	409.16146	(16120718)
578625.01	4141636.41	441.82418	(12111618)	578645.01	4141636.41	493.81026	(12111618)
578665.01	4141636.41	542.25618	(09121117)	578685.01	4141636.41	603.03874	(12010318)
578705.01	4141636.41	656.27960	(12010318)	578725.01	4141636.41	687.05340	(12010318)
579045.01	4141636.41	318.07039	(15110918)	579065.01	4141636.41	300.02945	(09012218)
579085.01	4141636.41	289.04987	(09012218)	579105.01	4141636.41	274.67583	(09012218)
579125.01	4141636.41	257.67955	(09012218)	579165.01	4141636.41	219.02460	(09012218)
579185.01	4141636.41	206.38482	(16112518)	579205.01	4141636.41	195.43828	(17010418)
579225.01	4141636.41	187.87433	(17010418)	579245.01	4141636.41	179.71085	(17010418)
579265.01	4141636.41	171.17000	(17010418)	579285.01	4141636.41	162.41203	(17010418)
579305.01	4141636.41	153.63038	(17010418)	579325.01	4141636.41	144.93768	(17010418)

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        579345.01   4141636.41      136.42434  (17010418)              578385.01
4141656.41      187.63206  (15102718)
        578405.01   4141656.41      198.26817  (15102718)              578425.01
4141656.41      215.82228  (16120718)
        578445.01   4141656.41      242.14271  (16120718)              578465.01
4141656.41      267.89812  (16120718)
        578485.01   4141656.41      291.50060  (16120718)              578505.01
4141656.41      311.69931  (16120718)
        578525.01   4141656.41      326.59117  (16120718)              578545.01
4141656.41      335.20197  (16120718)
        578565.01   4141656.41      345.04024  (09122918)              578585.01
4141656.41      365.37390  (10122417)
        578605.01   4141656.41      408.80578  (12111618)              578625.01
4141656.41      445.84004  (12111618)
        578645.01   4141656.41      486.64598  (09121117)              578665.01
4141656.41      529.80440  (12010318)
        578685.01   4141656.41      558.04998  (12010318)              578705.01
4141656.41      580.08870  (11112818)
        578725.01   4141656.41      640.41240  (09010809)              579005.01
4141656.41      338.47406  (11121618)
        579025.01   4141656.41      325.68960  (17112518)              579045.01
4141656.41      311.16553  (17112518)
        579065.01   4141656.41      290.14813  (17112518)              579085.01
4141656.41      268.63153  (15110918)
        579105.01   4141656.41      250.89549  (09012218)              579125.01
4141656.41      244.54379  (09012218)
        579145.01   4141656.41      235.19794  (09012218)              579185.01
4141656.41      209.94951  (09012218)
        579205.01   4141656.41      195.26194  (09012218)              579225.01
4141656.41      180.39912  (16112518)
        579245.01   4141656.41      172.32345  (16112518)              579265.01
4141656.41      163.58851  (16112518)
        579285.01   4141656.41      157.29374  (17010418)              579305.01
4141656.41      151.83722  (17010418)
        579325.01   4141656.41      145.96723  (17010418)              579345.01
4141656.41      139.81912  (17010418)
        578385.01   4141676.41      199.94198  (16120718)              578405.01
4141676.41      220.50490  (16120718)
        578425.01   4141676.41      239.90052  (16120718)              578445.01
4141676.41      257.14391  (16120718)
        578465.01   4141676.41      271.12386  (16120718)              578485.01
4141676.41      280.50966  (16120718)
        578505.01   4141676.41      284.60115  (16120718)              578525.01
4141676.41      298.47785  (09122918)
        578545.01   4141676.41      314.64555  (10122417)              578565.01
4141676.41      342.03847  (12111618)
        578585.01   4141676.41      377.41103  (12111618)              578605.01
4141676.41      400.81787  (09121117)
        578625.01   4141676.41      439.25092  (12010318)              578645.01
4141676.41      469.20805  (12010318)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141676.41	478.83254	(12010318)	578685.01	4141676.41	506.25984	(09010809)
578705.01	4141676.41	551.08354	(09010809)	578985.01	4141676.41	300.39681	(11121618)
579005.01	4141676.41	304.58284	(11121618)	579025.01	4141676.41	299.61663	(11121618)
579045.01	4141676.41	286.31927	(11121618)	579065.01	4141676.41	278.17917	(17112518)
579085.01	4141676.41	265.12305	(17112518)	579105.01	4141676.41	246.85618	(17112518)
579125.01	4141676.41	230.99234	(15110918)	579145.01	4141676.41	215.02398	(15110918)
579165.01	4141676.41	209.75090	(09012218)	579185.01	4141676.41	203.80354	(09012218)
579205.01	4141676.41	195.73690	(09012218)	579225.01	4141676.41	186.00913	(09012218)
579245.01	4141676.41	175.04685	(09012218)	579265.01	4141676.41	163.35467	(09012218)
579285.01	4141676.41	152.76845	(16112518)	579305.01	4141676.41	146.78962	(16112518)
579325.01	4141676.41	140.26915	(16112518)	579345.01	4141676.41	133.86448	(17010418)
578385.01	4141696.41	215.96832	(16120718)	578405.01	4141696.41	228.45683	(16120718)
578425.01	4141696.41	237.91233	(16120718)	578445.01	4141696.41	243.50265	(16120718)
578465.01	4141696.41	247.86494	(09122918)	578485.01	4141696.41	261.17111	(09122918)

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        578505.01   4141696.41      274.58651  (10122417)               578525.01
4141696.41      288.35686  (12111618)
        578565.01   4141696.41      346.50997  (12111618)               578585.01
4141696.41      369.88657  (09121117)
        578605.01   4141696.41      398.90634  (12010318)               578625.01
4141696.41      416.76085  (12010318)
        578645.01   4141696.41      421.83389  (11112818)               578665.01
4141696.41      450.68585  (09010809)
        578685.01   4141696.41      484.83741  (09010809)               578945.01
4141696.41      318.23450  (13012318)
        578965.01   4141696.41      306.10707  (13012318)               578985.01
4141696.41      281.81329  (13012318)
        579005.01   4141696.41      256.28806  (11121618)               579025.01
4141696.41      265.38612  (11121618)
        579045.01   4141696.41      265.94229  (11121618)               579065.01
4141696.41      258.63065  (11121618)
        579085.01   4141696.41      247.72219  (17112518)               579105.01
4141696.41      240.93971  (17112518)
        579125.01   4141696.41      229.04799  (17112518)               579145.01
4141696.41      213.00847  (17112518)
        579165.01   4141696.41      201.42648  (15110918)               579185.01
4141696.41      188.30071  (15110918)
        579205.01   4141696.41      181.98515  (09012218)               579225.01
4141696.41      178.36621  (09012218)
        579245.01   4141696.41      172.88329  (09012218)               579265.01
4141696.41      165.84993  (09012218)
        579285.01   4141696.41      157.69018  (09012218)               579305.01
4141696.41      148.72791  (09012218)
        579325.01   4141696.41      139.24984  (09012218)               579345.01
4141696.41      131.56124  (16112518)
        578385.01   4141716.41      210.37819  (16120718)               578405.01
4141716.41      213.29017  (16011818)
        578425.01   4141716.41      220.40779  (09122918)               578445.01
4141716.41      231.29084  (09122918)
        578465.01   4141716.41      241.95412  (10122417)               578485.01
4141716.41      251.19321  (10122417)
        578505.01   4141716.41      276.74802  (12111618)               578525.01
4141716.41      301.56831  (12111618)
        578605.01   4141716.41      371.41782  (12010318)               578625.01
4141716.41      382.08166  (11112818)
        578645.01   4141716.41      405.49613  (09010809)               578665.01
4141716.41      433.24445  (09010809)
        578685.01   4141716.41      428.65851  (09010809)               578905.01
4141716.41      338.55245  (14121218)
        578925.01   4141716.41      309.58189  (14020618)               578945.01
4141716.41      279.97820  (13012318)
        578965.01   4141716.41      283.54715  (13012318)               578985.01
4141716.41      272.98788  (13012318)
        579005.01   4141716.41      251.21289  (13012318)               579025.01
4141716.41      222.74934  (16112618)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579045.01	4141716.41	231.89187	(11121618)	579065.01	4141716.41	236.42556	(11121618)
579085.01	4141716.41	233.77531	(11121618)	579105.01	4141716.41	224.63864	(11121618)
579125.01	4141716.41	217.82352	(17112518)	579145.01	4141716.41	211.04117	(17112518)
579165.01	4141716.41	200.06852	(17112518)	579185.01	4141716.41	186.34231	(15110918)
579205.01	4141716.41	177.73357	(15110918)	579225.01	4141716.41	166.84610	(15110918)
579245.01	4141716.41	159.41024	(09012218)	579265.01	4141716.41	157.38826	(09012218)
579285.01	4141716.41	153.74264	(09012218)	579305.01	4141716.41	148.74303	(09012218)
579325.01	4141716.41	142.67103	(09012218)	579345.01	4141716.41	135.76696	(09012218)
578385.01	4141736.41	197.56731	(09122918)	578405.01	4141736.41	206.50254	(09122918)
578425.01	4141736.41	215.41953	(10122417)	578445.01	4141736.41	223.82055	(10122417)
578465.01	4141736.41	238.35756	(12111618)	578485.01	4141736.41	262.85751	(12111618)
578505.01	4141736.41	279.60501	(12111618)	578625.01	4141736.41	367.61124	(09010809)
578645.01	4141736.41	391.48390	(09010809)	578665.01	4141736.41	386.74155	(09010809)
578865.01	4141736.41	353.56017	(14121218)	578885.01	4141736.41	354.34039	(14121218)

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        578905.01   4141736.41      325.23184  (14121218)              578925.01
4141736.41      288.84884  (14020618)
        578945.01   4141736.41      271.29475  (14020618)              578965.01
4141736.41      252.41080  (13012318)
        578985.01   4141736.41      255.17202  (13012318)              579005.01
4141736.41      245.45909  (13012318)
        579025.01   4141736.41      225.69709  (13012318)              579045.01
4141736.41      198.59115  (13012318)
        579065.01   4141736.41      203.18872  (11121618)              579085.01
4141736.41      210.46576  (11121618)
        579105.01   4141736.41      211.28103  (11121618)              579125.01
4141736.41      206.24850  (11121618)
        579145.01   4141736.41      196.07475  (11121618)              579165.01
4141736.41      193.20376  (17112518)
        579185.01   4141736.41      186.43594  (17112518)              579205.01
4141736.41      176.45697  (17112518)
        579225.01   4141736.41      165.69644  (15110918)              579245.01
4141736.41      158.38978  (15110918)
        579265.01   4141736.41      149.25219  (15110918)              579285.01
4141736.41      140.79845  (09012218)
        579305.01   4141736.41      139.87315  (09012218)              579325.01
4141736.41      137.55659  (09012218)
        579345.01   4141736.41      134.01048  (09012218)              578385.01
4141756.41      193.19206  (10122417)
        578405.01   4141756.41      200.97785  (10122417)              578425.01
4141756.41      206.57956  (12111618)
        578445.01   4141756.41      230.11992  (12111618)              578465.01
4141756.41      247.64042  (12111618)
        578485.01   4141756.41      257.14989  (12111618)              578845.01
4141756.41      309.72812  (12121918)
        578865.01   4141756.41      311.60950  (12121918)              578885.01
4141756.41      325.50112  (14121218)
        578905.01   4141756.41      309.84639  (14121218)              578925.01
4141756.41      273.83728  (14121218)
        578945.01   4141756.41      258.39148  (14020618)              578965.01
4141756.41      237.90942  (14020618)
        578985.01   4141756.41      229.68774  (13012318)              579005.01
4141756.41      231.44494  (13012318)
        579025.01   4141756.41      222.22071  (13012318)              579045.01
4141756.41      204.12490  (13012318)
        579065.01   4141756.41      179.67096  (13012318)              579085.01
4141756.41      180.39190  (16112618)
        579105.01   4141756.41      187.56738  (11121618)              579125.01
4141756.41      191.06056  (11121618)
        579145.01   4141756.41      189.17515  (11121618)              579165.01
4141756.41      182.48210  (11121618)
        579185.01   4141756.41      175.93551  (17112518)              579205.01
4141756.41      172.64181  (17112518)
        579225.01   4141756.41      166.10970  (17112518)              579245.01
4141756.41      156.94691  (17112518)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141756.41	148.57991	(15110918)	579285.01	4141756.41	142.34590	(15110918)
579305.01	4141756.41	134.57796	(15110918)	579325.01	4141756.41	125.67118	(15110918)
579345.01	4141756.41	125.07120	(09012218)	578385.01	4141776.41	184.34137	(10122417)
578405.01	4141776.41	202.02567	(12111618)	578425.01	4141776.41	219.81018	(12111618)
578445.01	4141776.41	231.27208	(12111618)	578465.01	4141776.41	236.37343	(09121117)
578485.01	4141776.41	256.60242	(09121117)	578825.01	4141776.41	271.16700	(14103118)
578845.01	4141776.41	277.75294	(12121918)	578865.01	4141776.41	287.73920	(12121918)
578885.01	4141776.41	296.28267	(14121218)	578905.01	4141776.41	292.45748	(14121218)
578925.01	4141776.41	266.80087	(14121218)	578945.01	4141776.41	241.16679	(14020618)
578965.01	4141776.41	230.92411	(14020618)	578985.01	4141776.41	208.54575	(14020618)
579005.01	4141776.41	210.50074	(13012318)	579025.01	4141776.41	211.21308	(13012318)
579045.01	4141776.41	202.31885	(13012318)	579065.01	4141776.41	185.63886	(13012318)
579085.01	4141776.41	163.52129	(13012318)	579105.01	4141776.41	163.74402	(16112618)
579125.01	4141776.41	167.49555	(11121618)	579145.01	4141776.41	172.81775	(11121618)

579165.01 4141776.41 173.36894 (11121618) 579185.01 4141776.41 169.47280 (11121618)
579205.01 4141776.41 161.87348 (11121618) 579225.01 4141776.41 158.92667 (17112518)
579245.01 4141776.41 155.22947 (17112518) 579265.01 4141776.41 148.98421 (17112518)
579285.01 4141776.41 140.64114 (17112518) 579305.01 4141776.41 134.25753 (15110918)
579325.01 4141776.41 128.82491 (15110918) 579345.01 4141776.41 122.14208 (15110918)
578405.01 4141796.41 208.18304 (12111618) 578425.01 4141796.41 214.44211 (12111618)
578445.01 4141796.41 224.77305 (09121117) 578465.01 4141796.41 239.84576 (09121117)
578805.01 4141796.41 272.93183 (14103118) 578825.01 4141796.41 248.92814 (14103118)
578845.01 4141796.41 249.50012 (12121918) 578865.01 4141796.41 265.40363 (12121918)
578885.01 4141796.41 267.51673 (14121218) 578905.01 4141796.41 273.51525 (14121218)
578925.01 4141796.41 257.61866 (14121218) 578945.01 4141796.41 226.29937 (14121218)
578965.01 4141796.41 219.81246 (14020618) 578985.01 4141796.41 205.93214 (14020618)
579005.01 4141796.41 184.73202 (13012318) 579025.01 4141796.41 193.93544 (13012318)
579045.01 4141796.41 193.74694 (13012318) 579065.01 4141796.41 185.10319 (13012318)
579085.01 4141796.41 169.69675 (13012318) 579105.01 4141796.41 149.59873 (13012318)
579125.01 4141796.41 149.25970 (16112618) 579145.01 4141796.41 149.80257 (11121618)
579165.01 4141796.41 156.37226 (11121618) 579185.01 4141796.41 158.74837 (11121618)
579205.01 4141796.41 157.21369 (11121618) 579225.01 4141796.41 152.08657 (11121618)
579245.01 4141796.41 145.64472 (17112518) 579265.01 4141796.41 144.23234 (17112518)
579285.01 4141796.41 140.44231 (17112518) 579305.01 4141796.41 134.49537 (17112518)
579325.01 4141796.41 126.87954 (17112518) 579345.01 4141796.41 122.09035 (15110918)
578445.01 4141816.41 223.82783 (09121117) 578585.01 4141816.41 279.27224 (09010809)
578605.01 4141816.41 273.67785 (16121017) 578665.01 4141816.41 298.36027 (12112718)
578685.01 4141816.41 305.54379 (09112618) 578785.01 4141816.41 249.36883 (14103118)
578805.01 4141816.41 251.66524 (14103118) 578825.01 4141816.41 229.62211 (14103118)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578845.01	4141816.41	224.56391	(12121918)	578865.01	4141816.41	244.53437	(12121918)
578885.01	4141816.41	240.82122	(12121918)	578905.01	4141816.41	253.66781	(14121218)
578925.01	4141816.41	246.50927	(14121218)	578945.01	4141816.41	223.04020	(14121218)
578965.01	4141816.41	205.33184	(14020618)	578985.01	4141816.41	199.53590	(14020618)
579005.01	4141816.41	183.23446	(14020618)	579025.01	4141816.41	172.25124	(13012318)
579045.01	4141816.41	179.49413	(13012318)	579065.01	4141816.41	178.47581	(13012318)
579085.01	4141816.41	170.07985	(13012318)	579105.01	4141816.41	155.81570	(13012318)
579125.01	4141816.41	137.55668	(13012318)	579145.01	4141816.41	136.49635	(16112618)
579165.01	4141816.41	137.76711	(16112618)	579185.01	4141816.41	141.58507	(11121618)
579205.01	4141816.41	145.39615	(11121618)	579225.01	4141816.41	145.62391	(11121618)
579245.01	4141816.41	142.59479	(11121618)	579265.01	4141816.41	136.69296	(11121618)
579285.01	4141816.41	133.41784	(17112518)	579305.01	4141816.41	131.55990	(17112518)
579325.01	4141816.41	127.68049	(17112518)	579345.01	4141816.41	122.06759	(17112518)
578565.01	4141836.41	260.80181	(09010809)	578585.01	4141836.41	254.23342	(16121017)

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        578605.01   4141836.41      250.42697  (16121017)               578625.01
4141836.41      270.21631  (12112718)
        578645.01   4141836.41      280.87212  (12112718)               578665.01
4141836.41      285.20466  (09112618)
        578685.01   4141836.41      277.64617  (09112618)               578705.01
4141836.41      252.78014  (14120418)
        578725.01   4141836.41      227.99825  (11112817)               578765.01
4141836.41      209.38483  (14103118)
        578785.01   4141836.41      232.24463  (14103118)               578805.01
4141836.41      233.08430  (14103118)
        578825.01   4141836.41      212.74680  (14103118)               578845.01
4141836.41      202.55389  (12121918)
        578865.01   4141836.41      224.99717  (12121918)               578885.01
4141836.41      226.80090  (12121918)
        578905.01   4141836.41      233.51250  (14121218)               578925.01
4141836.41      233.85878  (14121218)
        578945.01   4141836.41      217.78218  (14121218)               578965.01
4141836.41      190.00950  (14121218)
        578985.01   4141836.41      189.80943  (14020618)               579005.01
4141836.41      180.43176  (14020618)
        579025.01   4141836.41      162.68546  (14020618)               579045.01
4141836.41      161.18676  (13012318)
        579065.01   4141836.41      166.77180  (13012318)               579085.01
4141836.41      165.07406  (13012318)
        579105.01   4141836.41      156.93604  (13012318)               579125.01
4141836.41      143.71489  (13012318)
        579145.01   4141836.41      126.98701  (13012318)               579165.01
4141836.41      125.21037  (16112618)
        579185.01   4141836.41      127.26391  (16112618)               579205.01
4141836.41      128.37317  (11121618)
        579225.01   4141836.41      133.13630  (11121618)               579245.01
4141836.41      134.77724  (11121618)
        579265.01   4141836.41      133.41786  (11121618)               579285.01
4141836.41      129.36694  (11121618)
        579305.01   4141836.41      123.06217  (11121618)               579325.01
4141836.41      122.63495  (17112518)
        579345.01   4141836.41      120.43102  (17112518)               578565.01
4141856.41      236.47454  (16121017)
        578585.01   4141856.41      236.52042  (16121017)               578605.01
4141856.41      244.17462  (12112718)
        578625.01   4141856.41      261.77922  (12112718)               578645.01
4141856.41      261.42675  (09112618)
        578665.01   4141856.41      267.06477  (09112618)               578685.01
4141856.41      249.75383  (16120918)
        578705.01   4141856.41      224.86287  (14120418)               578725.01
4141856.41      210.73226  (11112817)
        578745.01   4141856.41      199.27621  (14010809)               578765.01
4141856.41      197.89184  (14103118)
        578785.01   4141856.41      217.05068  (14103118)               578805.01
4141856.41      216.76458  (14103118)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP4 ***
INCLUDING SOURCE(S): BC1_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578825.01	4141856.41	197.82329	(14103118)	578845.01	4141856.41	183.06841	(12121918)
578865.01	4141856.41	207.07197	(12121918)	578885.01	4141856.41	213.12410	(12121918)
578905.01	4141856.41	213.60436	(14121218)	578925.01	4141856.41	220.12409	(14121218)
578945.01	4141856.41	210.78855	(14121218)	578965.01	4141856.41	189.05239	(14121218)
578985.01	4141856.41	177.50336	(14020618)	579005.01	4141856.41	174.50623	(14020618)
579025.01	4141856.41	162.59109	(14020618)	579045.01	4141856.41	144.18225	(14020618)
579065.01	4141856.41	151.22534	(13012318)	579085.01	4141856.41	155.40937	(13012318)
579105.01	4141856.41	153.19987	(13012318)	579125.01	4141856.41	145.33362	(13012318)
579145.01	4141856.41	132.98013	(13012318)	579165.01	4141856.41	117.65859	(13012318)
579185.01	4141856.41	115.23093	(16112618)	579205.01	4141856.41	117.86058	(16112618)
579225.01	4141856.41	117.45210	(16112618)	579245.01	4141856.41	121.96945	(11121618)
579265.01	4141856.41	124.66706	(11121618)	579285.01	4141856.41	124.59414	(11121618)
579305.01	4141856.41	122.07702	(11121618)	579325.01	4141856.41	117.46142	(11121618)
579345.01	4141856.41	113.80615	(17112518)	578545.01	4141876.41	220.00555	(16121017)

578565.01 4141876.41 223.29902 (16121017) 578585.01 4141876.41 219.17386 (12112718)
578605.01 4141876.41 241.80954 (12112718) 578625.01 4141876.41 245.88770 (12112718)
578645.01 4141876.41 251.51156 (09112618) 578665.01 4141876.41 244.28056 (09112618)
578685.01 4141876.41 225.88797 (14120418) 578705.01 4141876.41 197.88189 (11112817)
578725.01 4141876.41 193.92095 (11112817) 578745.01 4141876.41 184.72883 (14010809)
578765.01 4141876.41 187.41653 (14103118) 578785.01 4141876.41 203.48584 (14103118)
578805.01 4141876.41 202.28192 (14103118) 578825.01 4141876.41 184.59588 (14103118)
578845.01 4141876.41 170.76795 (11110318) 578865.01 4141876.41 190.61271 (12121918)
578885.01 4141876.41 199.88600 (12121918) 578905.01 4141876.41 194.39848 (14121218)
578925.01 4141876.41 205.74218 (14121218) 578945.01 4141876.41 202.38544 (14121218)
578965.01 4141876.41 186.42070 (14121218) 578985.01 4141876.41 163.42012 (14020618)
579005.01 4141876.41 165.94849 (14020618) 579025.01 4141876.41 159.63981 (14020618)
579045.01 4141876.41 146.09442 (14020618) 579065.01 4141876.41 133.33107 (13012318)
579085.01 4141876.41 142.20799 (13012318) 579105.01 4141876.41 145.27201 (13012318)
579125.01 4141876.41 142.63368 (13012318) 579145.01 4141876.41 134.98698 (13012318)
579165.01 4141876.41 123.48276 (13012318) 579185.01 4141876.41 109.42583 (13012318)
579205.01 4141876.41 106.34442 (16112618) 579225.01 4141876.41 109.37123 (16112618)
579245.01 4141876.41 109.73417 (16112618) 579265.01 4141876.41 111.77846 (11121618)
579285.01 4141876.41 115.21427 (11121618) 579305.01 4141876.41 116.27716 (11121618)
579325.01 4141876.41 115.08758 (11121618) 579345.01 4141876.41 111.79036 (11121618)
578545.01 4141896.41 210.67265 (16121017) 578565.01 4141896.41 201.76666 (16121017)
578585.01 4141896.41 221.55231 (12112718) 578605.01 4141896.41 232.34621 (12112718)
578625.01 4141896.41 232.56423 (09112618) 578645.01 4141896.41 236.42918 (09112618)
578665.01 4141896.41 222.98962 (16120918) 578685.01 4141896.41 203.87353 (14120418)
578705.01 4141896.41 186.02572 (11112817) 578725.01 4141896.41 177.81966 (11112817)

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        578745.01   4141896.41      171.02934  (14010809)               578765.01
4141896.41      177.80215  (14103118)
        578785.01   4141896.41      191.30973  (14103118)               578805.01
4141896.41      189.32907  (14103118)
        578825.01   4141896.41      172.76270  (14103118)               578845.01
4141896.41      161.01117  (11110318)
        578865.01   4141896.41      175.47728  (12121918)               578885.01
4141896.41      187.21429  (12121918)
        578905.01   4141896.41      184.35962  (12121918)               578925.01
4141896.41      191.13437  (14121218)
        578945.01   4141896.41      192.83866  (14121218)               578965.01
4141896.41      182.22038  (14121218)
        578985.01   4141896.41      162.16793  (14121218)               579005.01
4141896.41      155.46610  (14020618)
        579025.01   4141896.41      154.17942  (14020618)               579045.01
4141896.41      145.43550  (14020618)
        579065.01   4141896.41      130.96805  (14020618)               579085.01
4141896.41      126.71084  (13012318)
        579105.01   4141896.41      134.05947  (13012318)               579125.01
4141896.41      136.11185  (13012318)
        579145.01   4141896.41      133.11095  (13012318)               579165.01
4141896.41      125.75624  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP4   ***
                                    INCLUDING SOURCE(S):     BC1_1D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579185.01   4141896.41      115.04972  (13012318)               579205.01
4141896.41      102.10130  (13012318)
        579225.01   4141896.41       98.39972  (16112618)               579245.01
4141896.41      101.70731  (16112618)
        579265.01   4141896.41      102.64523  (16112618)               579285.01
4141896.41      102.44518  (11121618)
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        579305.01   4141896.41      106.52269  (11121618)               579325.01
4141896.41      108.43175  (11121618)
        579345.01   4141896.41      108.24238  (11121618)               578565.01
4141916.41      201.54000  (12112718)
        578585.01   4141916.41      217.35767  (12112718)               578605.01
4141916.41      216.97898  (12112718)
        578625.01   4141916.41      224.16635  (09112618)               578645.01
4141916.41      217.52993  (09112618)
        578665.01   4141916.41      203.67898  (14120418)               578685.01
4141916.41      181.13348  (14120418)
        578705.01   4141916.41      173.99293  (11112817)               578725.01
4141916.41      164.90001  (14010809)
        578745.01   4141916.41      158.25182  (14010809)               578765.01
4141916.41      168.97127  (14103118)
        578785.01   4141916.41      180.31056  (14103118)               578805.01
4141916.41      177.66923  (14103118)
        578825.01   4141916.41      162.15045  (14103118)               578845.01
4141916.41      152.10022  (11110318)
        578865.01   4141916.41      161.63108  (12121918)               578885.01
4141916.41      175.16814  (12121918)
        578905.01   4141916.41      175.56538  (12121918)               578925.01
4141916.41      176.59327  (14121218)
        578945.01   4141916.41      182.48315  (14121218)               578965.01
4141916.41      176.70327  (14121218)
        578985.01   4141916.41      161.20726  (14121218)               579005.01
4141916.41      143.61781  (14020618)
        579025.01   4141916.41      146.71043  (14020618)               579045.01
4141916.41      142.49077  (14020618)
        579065.01   4141916.41      132.06790  (14020618)               579085.01
4141916.41      117.18654  (14020618)
        579105.01   4141916.41      120.59164  (13012318)               579125.01
4141916.41      126.56155  (13012318)
        579145.01   4141916.41      127.81017  (13012318)               579165.01
4141916.41      124.56029  (13012318)
        579185.01   4141916.41      117.51607  (13012318)               578386.27
4141125.26      133.56941  (11122717)
        578406.27   4141125.26      122.67529  (11122717)               578426.27
4141125.26      115.77497  (16020318)
        578446.27   4141125.26      130.37905  (16020318)               578466.27
4141125.26      138.82055  (16020318)
        578486.27   4141125.26      142.70129  (16020318)               578506.27
4141125.26      139.97431  (16020318)
        578526.27   4141125.26      147.15526  (14112017)               578546.27
4141125.26      168.14940  (14112017)
        578566.27   4141125.26      180.84009  (14112017)               578586.27
4141125.26      191.11340  (09012117)
        578606.27   4141125.26      204.43452  (09012117)               578626.27
4141125.26      203.64067  (09012117)
        578646.27   4141125.26      197.57617  (14112818)               578666.27
4141125.26      207.80431  (14121217)
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        578686.27   4141125.26      204.51612  (14121217)                578706.27
4141125.26      206.39813  (11010818)
        578726.27   4141125.26      214.99419  (11010818)                578746.27
4141125.26      218.60133  (14010318)
        578766.27   4141125.26      214.68169  (16120717)                578786.27
4141125.26      221.33471  (16120717)
        578806.27   4141125.26      215.45699  (14122017)                578826.27
4141125.26      224.54265  (14122017)
        578846.27   4141125.26      222.80947  (10120918)                578866.27
4141125.26      214.46955  (16112517)
        578886.27   4141125.26      221.16523  (09011617)                578906.27
4141125.26      222.32125  (09011617)
        578926.27   4141125.26      217.75662  (09012317)                578946.27
4141125.26      217.80318  (16010818)
        578966.27   4141125.26      217.14880  (10121417)                578986.27
4141125.26      215.76591  (10121417)
        579006.27   4141125.26      209.74777  (11112917)                579026.27
4141125.26      204.13688  (11010718)
        579046.27   4141125.26      203.84818  (12111418)                579066.27
4141125.26      201.44857  (12111418)
        579086.27   4141125.26      202.62336  (09011017)                579106.27
4141125.26      196.31126  (10120217)
        579126.27   4141125.26      194.10993  (12111417)                579146.27
4141125.26      186.53375  (12111417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP4   ***
                                    INCLUDING SOURCE(S):     BC1_1D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579166.27   4141125.26      181.11078  (17121318)                579186.27
4141125.26      177.07196  (17121318)
        579206.27   4141125.26      168.39361  (13110618)                578386.27
4141145.26      148.27811  (11122717)
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        578406.27   4141145.26      141.95628  (11122717)              578426.27
4141145.26      130.90808  (11122717)
        578446.27   4141145.26      123.88667  (16020318)              578466.27
4141145.26      138.74468  (16020318)
        578486.27   4141145.26      147.87254  (16020318)              578506.27
4141145.26      150.83752  (16020318)
        578526.27   4141145.26      146.53820  (16020318)              578546.27
4141145.26      164.29278  (14112017)
        578566.27   4141145.26      183.88841  (14112017)              578586.27
4141145.26      193.36430  (13111917)
        578606.27   4141145.26      209.83904  (09012117)              578626.27
4141145.26      216.83380  (09012117)
        578646.27   4141145.26      210.41874  (17122818)              578666.27
4141145.26      215.44095  (14121217)
        578686.27   4141145.26      218.26021  (14121217)              578706.27
4141145.26      212.42714  (11010818)
        578726.27   4141145.26      226.19970  (11010818)              578746.27
4141145.26      231.01929  (14010318)
        578766.27   4141145.26      224.33159  (16120717)              578786.27
4141145.26      233.15149  (16120717)
        578806.27   4141145.26      227.02065  (14122017)              578826.27
4141145.26      236.19492  (09013118)
        578846.27   4141145.26      234.00430  (13121418)              578866.27
4141145.26      226.71889  (16112517)
        578886.27   4141145.26      234.83638  (09011617)              578906.27
4141145.26      231.89333  (09011617)
        578926.27   4141145.26      230.72724  (09012317)              578946.27
4141145.26      229.83737  (16010818)
        578966.27   4141145.26      230.37273  (10121417)              578986.27
4141145.26      221.94911  (10121417)
        579006.27   4141145.26      216.79780  (11112917)              579026.27
4141145.26      215.54215  (13113018)
        579046.27   4141145.26      215.42007  (12111418)              579066.27
4141145.26      213.93492  (09011017)
        579086.27   4141145.26      209.01276  (09011017)              579106.27
4141145.26      205.21921  (12111417)
        579126.27   4141145.26      200.34443  (12111417)              579146.27
4141145.26      192.09046  (11111218)
        579166.27   4141145.26      188.86076  (17121318)              579186.27
4141145.26      178.37942  (13110618)
        579206.27   4141145.26      179.77801  (13110618)              578723.62
4141929.59      158.56204  (14010809)
        578743.62   4141929.59      151.26093  (14010809)              578763.62
4141929.59      162.37667  (14103118)
        578783.62   4141929.59      173.30403  (14103118)              578803.62
4141929.59      171.29367  (14103118)
        578823.62   4141929.59      157.08736  (14103118)              578843.62
4141929.59      146.92488  (11110318)
        578863.62   4141929.59      151.74950  (12121918)              578883.62
4141929.59      166.94027  (12121918)
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        578903.62   4141929.59      170.04297  (12121918)                578923.62
4141929.59      166.23755  (14121218)
        578943.62   4141929.59      175.16383  (14121218)                578963.62
4141929.59      172.98743  (14121218)
        578983.62   4141929.59      160.96686  (14121218)                579003.62
4141929.59      141.65455  (14121218)
        579023.62   4141929.59      140.73497  (14020618)                579043.62
4141929.59      139.72895  (14020618)
        579063.62   4141929.59      132.35218  (14020618)                579083.62
4141929.59      119.99339  (14020618)
        579103.62   4141929.59      110.27367  (13012318)                579123.62
4141929.59      118.62178  (13012318)
        579143.62   4141929.59      122.59788  (13012318)                579163.62
4141929.59      122.23226  (13012318)
        579183.62   4141929.59      117.87561  (13012318)                578725.67
4141942.60      152.08040  (14010809)
        578745.67   4141942.60      142.36228  (14010809)                578765.67
4141942.60      158.90008  (14103118)
        578785.67   4141942.60      167.47164  (14103118)                578805.67
4141942.60      163.87742  (14103118)
        578825.67   4141942.60      149.93023  (14123117)                578845.67
4141942.60      141.42362  (11110318)
        578865.67   4141942.60      145.94337  (12121918)                578885.67
4141942.60      160.65506  (12121918)
        578905.67   4141942.60      164.10625  (12121918)                578925.67
4141942.60      158.67117  (14121218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP4   ***
                                    INCLUDING SOURCE(S):     BC1_1D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        578945.67   4141942.60      168.38874  (14121218)                578965.67
4141942.60      167.67120  (14121218)
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        578985.67   4141942.60      157.44839  (14121218)               579005.67
4141942.60      139.95340  (14121218)
        579025.67   4141942.60      134.76153  (14020618)               579045.67
4141942.60      135.52870  (14020618)
        579065.67   4141942.60      130.08439  (14020618)               579085.67
4141942.60      119.54119  (14020618)
        579105.67   4141942.60      105.43787  (14020618)               579125.67
4141942.60      111.19144  (13012318)
        579145.67   4141942.60      116.83732  (13012318)               579165.67
4141942.60      118.35265  (13012318)
        579185.67   4141942.60      115.95276  (13012318)               578745.52
4141955.60      136.66496  (16010518)
        578765.52   4141955.60      153.90293  (14103118)               578785.52
4141955.60      161.58307  (14103118)
        578805.52   4141955.60      157.88223  (14103118)               578825.52
4141955.60      144.78533  (14123117)
        578845.52   4141955.60      136.68300  (11110318)               578865.52
4141955.60      138.35956  (12121918)
        578885.52   4141955.60      153.67521  (12121918)               578905.52
4141955.60      158.62811  (12121918)
        578925.52   4141955.60      152.90448  (12121918)               578945.52
4141955.60      161.21267  (14121218)
        578965.52   4141955.60      162.88816  (14121218)               578985.52
4141955.60      155.24402  (14121218)
        579005.52   4141955.60      140.12605  (14121218)               579025.52
4141955.60      128.13406  (14020618)
        579045.52   4141955.60      131.16567  (14020618)               579065.52
4141955.60      128.14128  (14020618)
        579085.52   4141955.60      119.85556  (14020618)               579105.52
4141955.60      107.61839  (14020618)
        579125.52   4141955.60      102.65554  (13012318)               579145.52
4141955.60      110.07168  (13012318)
        579165.52   4141955.60      113.72779  (13012318)               579185.52
4141955.60      113.55679  (13012318)
        578785.22   4141971.34      154.90571  (14103118)               578805.22
4141971.34      151.11858  (14103118)
        578825.22   4141971.34      138.94589  (14123117)               578845.22
4141971.34      131.26442  (11110318)
        578865.22   4141971.34      129.63212  (12121918)               578885.22
4141971.34      145.56626  (12121918)
        578905.22   4141971.34      152.07171  (12121918)               578925.22
4141971.34      148.58709  (12121918)
        578945.22   4141971.34      152.46173  (14121218)               578965.22
4141971.34      156.70872  (14121218)
        578985.22   4141971.34      152.02193  (14121218)               579005.22
4141971.34      139.74549  (14121218)
        579025.22   4141971.34      122.07484  (14121218)               579045.22
4141971.34      125.11130  (14020618)
        579065.22   4141971.34      124.83307  (14020618)               579085.22
4141971.34      119.23358  (14020618)
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        579105.22   4141971.34      109.33943  (14020618)               579125.22
4141971.34       96.46650  (14020618)
        579145.22   4141971.34      101.07967  (13012318)               579165.22
4141971.34      106.93903  (13012318)
        579185.22   4141971.34      109.22801  (13012318)               578790.01
4141986.40      148.89408  (14103118)
        578810.01   4141986.40      142.62548  (14103118)               578830.01
4141986.40      132.54425  (14123117)
        578850.01   4141986.40      125.59889  (11110318)               578870.01
4141986.40      126.68512  (12121918)
        578890.01   4141986.40      140.96292  (12121918)               578910.01
4141986.40      146.37746  (12121918)
        578930.01   4141986.40      142.48249  (12121918)               578950.01
4141986.40      146.53904  (14121218)
        578970.01   4141986.40      150.72819  (14121218)               578990.01
4141986.40      146.57082  (14121218)
        579010.01   4141986.40      135.23097  (14121218)               579030.01
4141986.40      118.70790  (14121218)
        579050.01   4141986.40      119.72710  (14020618)               579070.01
4141986.40      120.43173  (14020618)
        579090.01   4141986.40      116.06515  (14020618)               579110.01
4141986.40      107.44863  (14020618)
        579130.01   4141986.40       95.77316  (14020618)               579150.01
4141986.40       94.19753  (13012318)
        579170.01   4141986.40      100.94768  (13012318)               579190.01
4141986.40      104.43442  (13012318)
        578810.54   4142001.46      136.67142  (14103118)               578830.54
4142001.46      127.55022  (14123117)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP4   ***
                                      INCLUDING SOURCE(S):     BC1_1D      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        578850.54   4142001.46      120.99072  (11110318)                578870.54
4142001.46      120.10520  (12121918)
        578890.54   4142001.46      134.49198  (12121918)                578910.54
4142001.46      140.79738  (12121918)
        578930.54   4142001.46      138.34660  (12121918)                578950.54
4142001.46      139.08353  (14121218)
        578970.54   4142001.46      144.91113  (14121218)                578990.54
4142001.46      142.84541  (14121218)
        579010.54   4142001.46      133.68481  (14121218)                579030.54
4142001.46      119.10171  (14121218)
        579050.54   4142001.46      113.59261  (14020618)                579070.54
4142001.46      116.20706  (14020618)
        579090.54   4142001.46      113.93033  (14020618)                579110.54
4142001.46      107.32968  (14020618)
        579130.54   4142001.46       97.35158  (14020618)                579150.54
4142001.46       86.57460  (11111818)
        579170.54   4142001.46       93.61100  (13012318)                579190.54
4142001.46       98.77627  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 660
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        578385.01   4141176.41       68.94613  (12010309)                578405.01
4141176.41       72.50203  (12010309)
        578425.01   4141176.41       75.55624  (12010309)                578445.01
4141176.41       71.39053  (12010309)
        578465.01   4141176.41       80.34729  (12010309)                578485.01
4141176.41       81.98778  (12010309)
        578505.01   4141176.41       76.69009  (12010309)                578525.01
4141176.41       77.41948  (12010309)
        578545.01   4141176.41       77.60378  (12010309)                578565.01
4141176.41       77.12195  (12010309)
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        578585.01   4141176.41       76.45848  (11122717)               578605.01
4141176.41       75.62840  (11122717)
        578625.01   4141176.41       75.41586  (16020318)               578645.01
4141176.41       78.00149  (14112017)
        578665.01   4141176.41       85.00256  (14112017)               578685.01
4141176.41       91.58180  (14112017)
        578705.01   4141176.41       97.38670  (14112017)               578725.01
4141176.41      105.35168  (09012117)
        578745.01   4141176.41      112.57669  (09012117)               578765.01
4141176.41      118.37723  (09012117)
        578785.01   4141176.41      122.36117  (09012117)               578805.01
4141176.41      123.96620  (09012117)
        578825.01   4141176.41      126.02098  (14121217)               578845.01
4141176.41      130.00004  (14121217)
        578865.01   4141176.41      131.68072  (11010818)               578885.01
4141176.41      138.22233  (14010318)
        578905.01   4141176.41      142.68347  (14010318)               578925.01
4141176.41      144.95803  (16120717)
        578945.01   4141176.41      149.11642  (16120717)               578965.01
4141176.41      152.59614  (14122017)
        578985.01   4141176.41      155.32314  (14122017)               579005.01
4141176.41      154.47723  (13121418)
        579025.01   4141176.41      154.95975  (16110418)               579045.01
4141176.41      155.06824  (13122818)
        579065.01   4141176.41      156.64414  (09012317)               579085.01
4141176.41      154.48267  (09012317)
        579105.01   4141176.41      153.08640  (10121417)               579125.01
4141176.41      148.12535  (10121417)
        579145.01   4141176.41      143.01816  (11112917)               579165.01
4141176.41      140.19005  (12111418)
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4141176.41      136.41088  (09011017)
        579225.01   4141176.41      130.00302  (09011017)               578385.01
4141196.41       66.93320  (12010309)
        578405.01   4141196.41       71.18114  (12010309)               578425.01
4141196.41       74.99262  (12010309)
        578445.01   4141196.41       78.49961  (12010309)               578465.01
4141196.41       81.50711  (12010309)
        578485.01   4141196.41       77.40706  (12010309)               578505.01
4141196.41       79.51242  (12010309)
        578525.01   4141196.41       81.12409  (12010309)               578545.01
4141196.41       82.14523  (12010309)
        578565.01   4141196.41       82.52988  (12010309)               578585.01
4141196.41       82.25147  (12010309)
        578605.01   4141196.41       81.36501  (11122717)               578625.01
4141196.41       80.60001  (11122717)
        578645.01   4141196.41       80.29314  (16020318)               578665.01
4141196.41       84.75296  (14112017)
        578685.01   4141196.41       92.17023  (14112017)               578705.01
4141196.41       99.04707  (14112017)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578725.01	4141196.41	106.20074	(09012117)	578745.01	4141196.41	114.69884	(09012117)
578765.01	4141196.41	122.10930	(09012117)	578785.01	4141196.41	127.85368	(09012117)
578805.01	4141196.41	131.39639	(09012117)	578825.01	4141196.41	132.02358	(09012117)
578845.01	4141196.41	137.05531	(14121217)	578865.01	4141196.41	139.46120	(14121217)
578885.01	4141196.41	145.43145	(14010318)	578905.01	4141196.41	151.90083	(14010318)
578925.01	4141196.41	153.81365	(16120717)	578945.01	4141196.41	159.61531	(16120717)
578965.01	4141196.41	163.34143	(14122017)	578985.01	4141196.41	166.75851	(14122017)
579005.01	4141196.41	165.97184	(13121418)	579025.01	4141196.41	166.87653	(16110418)
579045.01	4141196.41	166.89580	(13122818)	579065.01	4141196.41	169.03181	(09012317)
579085.01	4141196.41	164.86245	(10121417)	579105.01	4141196.41	163.80751	(10121417)
579125.01	4141196.41	157.74260	(11112917)	579145.01	4141196.41	151.50312	(13113018)
579165.01	4141196.41	149.75597	(12111418)	579185.01	4141196.41	148.55096	(09011017)
579205.01	4141196.41	142.68184	(09011017)	579225.01	4141196.41	137.36361	(12111417)
579245.01	4141196.41	131.09882	(12111417)	578385.01	4141216.41	64.00109	(12010309)

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        578405.01   4141216.41       68.85609  (12010309)               578425.01
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        578445.01   4141216.41       77.78216  (12010309)               578465.01
4141216.41       75.26553  (12010309)
        578485.01   4141216.41       78.60334  (12010309)               578505.01
4141216.41       81.50952  (12010309)
        578525.01   4141216.41       84.01194  (12010309)               578545.01
4141216.41       85.94377  (12010309)
        578565.01   4141216.41       87.28236  (12010309)               578585.01
4141216.41       87.93962  (12010309)
        578605.01   4141216.41       87.86734  (12010309)               578625.01
4141216.41       87.05498  (12010309)
        578645.01   4141216.41       86.34902  (11122717)               578665.01
4141216.41       85.77303  (16020318)
        578685.01   4141216.41       92.16179  (14112017)               578705.01
4141216.41      100.05075  (14112017)
        578725.01   4141216.41      107.26471  (14112017)               578745.01
4141216.41      116.18545  (09012117)
        578765.01   4141216.41      125.10062  (09012117)               578785.01
4141216.41      132.66959  (09012117)
        578805.01   4141216.41      138.26495  (09012117)               578825.01
4141216.41      141.19907  (09012117)
        578845.01   4141216.41      143.81758  (14121217)               578925.01
4141216.41      164.91362  (14010318)
        578945.01   4141216.41      171.26344  (16120717)               578965.01
4141216.41      175.46000  (14122017)
        578985.01   4141216.41      180.04345  (14122017)               579005.01
4141216.41      179.26839  (13121418)
        579025.01   4141216.41      180.35588  (16110418)               579045.01
4141216.41      180.09321  (13122818)
        579065.01   4141216.41      182.48375  (09012317)               579085.01
4141216.41      179.23820  (10121417)
        579105.01   4141216.41      174.79466  (10121417)               579125.01
4141216.41      167.62397  (11112917)
        579145.01   4141216.41      163.84574  (12111418)               579165.01
4141216.41      161.98656  (09011017)
        579185.01   4141216.41      157.11477  (09011017)               579205.01
4141216.41      149.88996  (12111417)
        579225.01   4141216.41      143.59234  (12111417)               579245.01
4141216.41      133.83589  (12111417)
        578385.01   4141236.41       60.89431  (09110418)               578405.01
4141236.41       61.50379  (12010309)
        578425.01   4141236.41       70.88655  (12010309)               578445.01
4141236.41       75.95061  (12010309)
        578465.01   4141236.41       74.77378  (12010309)               578485.01
4141236.41       78.83389  (12010309)
        578505.01   4141236.41       82.63913  (12010309)               578525.01
4141236.41       86.00652  (12010309)
        578545.01   4141236.41       88.85992  (12010309)               578565.01
4141236.41       91.16209  (12010309)
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        578585.01   4141236.41       92.85486  (12010309)               578605.01
4141236.41       93.83178  (12010309)
        578625.01   4141236.41       94.09868  (12010309)               578645.01
4141236.41       93.61406  (12010309)
        578665.01   4141236.41       92.62984  (11122717)               578685.01
4141236.41       91.73718  (16020318)
        578705.01   4141236.41      100.38265  (14112017)               578725.01
4141236.41      108.77914  (14112017)
        578745.01   4141236.41      116.97284  (09012117)               578765.01
4141236.41      127.27178  (09012117)
        578785.01   4141236.41      136.64518  (09012117)               578805.01
4141236.41      144.42936  (09012117)
        578825.01   4141236.41      149.95557  (09012117)               578945.01
4141236.41      184.38137  (16120717)
        578965.01   4141236.41      189.09190  (14122017)               578985.01
4141236.41      195.31499  (14122017)
        579005.01   4141236.41      194.57942  (13121418)               579025.01
4141236.41      196.45275  (09011617)
        579045.01   4141236.41      197.42625  (09012317)               579065.01
4141236.41      197.04961  (09012317)
        579085.01   4141236.41      194.68772  (10121417)               579105.01
4141236.41      186.90084  (11112917)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 662
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141236.41      176.74020  (09011017)
        579165.01   4141236.41      173.60922  (09011017)               579185.01
4141236.41      164.28519  (12111417)
        579205.01   4141236.41      158.03337  (12111417)               579225.01
4141236.41      147.52866  (12111417)
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        579245.01   4141236.41      139.55492  (17121318)              578385.01
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        578405.01   4141256.41       60.36977  (09110418)              578425.01
4141256.41       63.44469  (12010309)
        578445.01   4141256.41       68.41223  (12010309)              578465.01
4141256.41       73.32390  (12010309)
        578485.01   4141256.41       78.11025  (12010309)              578505.01
4141256.41       82.69935  (12010309)
        578525.01   4141256.41       86.95646  (12010309)              578545.01
4141256.41       90.74793  (12010309)
        578565.01   4141256.41       94.08038  (12010309)              578585.01
4141256.41       96.85468  (12010309)
        578605.01   4141256.41       98.94412  (12010309)              578625.01
4141256.41      100.31511  (12010309)
        578645.01   4141256.41      100.95561  (12010309)              578665.01
4141256.41      100.87033  (12010309)
        578685.01   4141256.41       99.85986  (12010309)              578705.01
4141256.41      100.04056  (14112017)
        578725.01   4141256.41      109.55244  (14112017)              578745.01
4141256.41      118.50695  (14112017)
        578765.01   4141256.41      128.65179  (09012117)              578785.01
4141256.41      139.67204  (09012117)
        578805.01   4141256.41      149.68975  (09012117)              578965.01
4141256.41      204.74608  (14122017)
        578985.01   4141256.41      212.94057  (14122017)              579005.01
4141256.41      212.49248  (13121418)
        579025.01   4141256.41      215.43960  (09011617)              579045.01
4141256.41      217.35380  (09012317)
        579065.01   4141256.41      213.51667  (10121417)              579085.01
4141256.41      211.05292  (10121417)
        579105.01   4141256.41      200.87466  (11112917)              579125.01
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4141256.41      183.32036  (09011017)
        579185.01   4141256.41      175.03503  (12111417)              579205.01
4141256.41      163.58005  (12111417)
        579225.01   4141256.41      153.48718  (17121318)              579245.01
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        579265.01   4141256.41      139.87200  (13110618)              578385.01
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        578405.01   4141276.41       63.50973  (09110418)              578425.01
4141276.41       64.58691  (09110418)
        578445.01   4141276.41       65.45726  (12010309)              578465.01
4141276.41       70.91121  (12010309)
        578485.01   4141276.41       76.36349  (12010309)              578505.01
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        578525.01   4141276.41       86.79615  (12010309)              578545.01
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4141276.41       99.75477  (12010309)
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        578605.01   4141276.41      102.99106  (12010309)                578625.01
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        578685.01   4141276.41      109.00797  (12010309)                578705.01
4141276.41      108.54723  (12010309)
        578725.01   4141276.41      109.60470  (14112017)                578745.01
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        578765.01   4141276.41      129.44208  (14112017)                578785.01
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        579025.01   4141276.41      237.92466  (09011617)                579045.01
4141276.41      240.31388  (09012317)
        579065.01   4141276.41      236.82332  (10121417)                579085.01
4141276.41      227.84961  (10121417)
        579105.01   4141276.41      217.06753  (12111418)                579125.01
4141276.41      213.94818  (09011017)
        579145.01   4141276.41      206.36961  (09011017)                579165.01
4141276.41      195.15089  (12111417)
        579185.01   4141276.41      182.72513  (12111417)                579205.01
4141276.41      170.01986  (17121318)
        579225.01   4141276.41      161.81635  (13110618)                579245.01
4141276.41      153.29005  (13110618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579265.01   4141276.41      142.79715  (15011018)                578385.01
4141296.41       64.01845  (09110418)
        578405.01   4141296.41       66.01703  (09110418)                578425.01
4141296.41       67.53562  (09110418)
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        578445.01   4141296.41       69.00024  (09110418)              578465.01
4141296.41       70.25355  (09110418)
        578485.01   4141296.41       73.55436  (12010309)              578505.01
4141296.41       79.58589  (12010309)
        578525.01   4141296.41       85.52713  (12010309)              578545.01
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        578565.01   4141296.41       96.57384  (12010309)              578585.01
4141296.41      101.48161  (12010309)
        578605.01   4141296.41      105.87448  (12010309)              578625.01
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        578645.01   4141296.41      112.78587  (12010309)              578665.01
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        578685.01   4141296.41      117.01647  (12010309)              578705.01
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        578725.01   4141296.41      118.46161  (12010309)              578745.01
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        579005.01   4141296.41      259.24696  (13121418)              579025.01
4141296.41      264.65605  (09011617)
        579045.01   4141296.41      266.68172  (09012317)              579065.01
4141296.41      262.43413  (10121417)
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4141296.41      239.74443  (12111418)
        579125.01   4141296.41      233.84443  (09011017)              579145.01
4141296.41      219.29785  (12111417)
        579165.01   4141296.41      205.86880  (12111417)              579185.01
4141296.41      189.91743  (17121318)
        579205.01   4141296.41      179.42823  (13110618)              579225.01
4141296.41      169.03539  (13110618)
        579245.01   4141296.41      156.55749  (15011018)              579265.01
4141296.41      143.52832  (15011018)
        579285.01   4141296.41      129.74134  (15011018)              578385.01
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        578405.01   4141316.41       67.28805  (09110418)              578425.01
4141316.41       69.75319  (09110418)
        578445.01   4141316.41       71.73876  (09110418)              578465.01
4141316.41       73.58798  (09110418)
        578485.01   4141316.41       75.28334  (09110418)              578505.01
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        578565.01   4141316.41       96.00354  (12010309)              578585.01
4141316.41      102.02586  (12010309)
        578605.01   4141316.41      107.60237  (12010309)              578625.01
4141316.41      112.58592  (12010309)
        578645.01   4141316.41      116.96850  (12010309)              578665.01
4141316.41      120.66732  (12010309)
        578685.01   4141316.41      123.75569  (12010309)              578705.01
4141316.41      126.34512  (12010309)
        578725.01   4141316.41      128.44905  (12010309)              579025.01
4141316.41      297.00200  (09011617)
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4141316.41   200.79325 (13110618)
        579205.01   4141316.41   187.76713 (13110618)   579225.01
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        579245.01   4141316.41   156.94871 (15011018)   579265.01
4141316.41   140.50765 (15011018)
        579285.01   4141316.41   124.26683 (15011018)   578385.01
4141336.41   64.73755 (09110418)
        578405.01   4141336.41   67.66088 (09110418)   578425.01
4141336.41   70.53515 (09110418)
        578445.01   4141336.41   73.39640 (09110418)   578465.01
4141336.41   76.14814 (09110418)
        578485.01   4141336.41   78.37932 (09110418)   578505.01
4141336.41   80.55979 (09110418)
        578525.01   4141336.41   82.50937 (09110418)   578545.01
4141336.41   86.76548 (12010309)
        578565.01   4141336.41   94.11895 (12010309)   578585.01
4141336.41   101.24733 (12010309)
        578605.01   4141336.41   108.02101 (12010309)   578625.01
4141336.41   114.28877 (12010309)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP5   ***
                                  INCLUDING SOURCE(S):   BC1_2   ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        578645.01   4141336.41   119.87085 (12010309)   578665.01
4141336.41   124.85694 (12010309)

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4141336.41      307.52039  (09011017)
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4141336.41      270.31357  (12111417)
        579145.01   4141336.41      244.92852  (17121318)               579165.01
4141336.41      227.07781  (13110618)
        579185.01   4141336.41      210.42185  (13110618)               579205.01
4141336.41      191.92164  (15011018)
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        579265.01   4141336.41      133.54158  (15011018)               579285.01
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        578465.01   4141356.41       77.12123  (09110418)               578485.01
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        578585.01   4141356.41       99.06827  (12010309)               578605.01
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4141356.41      393.46818  (10121417)
        579065.01   4141356.41      363.60032  (12111418)               579085.01
4141356.41      347.06101  (09011017)
        579105.01   4141356.41      316.98626  (12111417)               579125.01
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        579145.01   4141356.41      260.05642  (13110618)               579165.01
4141356.41      238.04998  (13110618)
        579185.01   4141356.41      214.95200  (15011018)               579205.01
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        579305.01   4141356.41      118.30069  (14011818)               578385.01
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4141376.41       70.82097  (16030918)
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        578445.01   4141376.41       73.20929  (16030918)               578465.01
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4141376.41       91.88553  (09110418)
        578565.01   4141376.41       95.12913  (09110418)               578585.01
4141376.41       98.01429  (09110418)
        578605.01   4141376.41      104.63807  (12010309)               578625.01
4141376.41      113.63887  (12010309)
        578645.01   4141376.41      122.11909  (12010309)               578665.01
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        579105.01   4141376.41      336.84702  (17121318)               579125.01
4141376.41      302.26775  (13110618)
        579145.01   4141376.41      273.03070  (15011018)               579165.01
4141376.41      242.67281  (15011018)
        579185.01   4141376.41      211.90636  (15011018)               579205.01
4141376.41      182.32568  (15011018)
        579225.01   4141376.41      158.70246  (14011818)               579245.01
4141376.41      148.69363  (14011818)
        579265.01   4141376.41      138.67403  (14011818)               579285.01
4141376.41      129.32673  (17120218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***       15:03:32

                                     PAGE 665
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
                                     INCLUDING SOURCE(S):     BC1_2       ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        579305.01   4141376.41      121.83622  (17120218)               578385.01
4141396.41       73.28293  (14120118)
        578405.01   4141396.41       74.96387  (14120118)               578425.01
4141396.41       76.57972  (14120118)
        578445.01   4141396.41       78.15924  (14120118)               578465.01
4141396.41       79.69905  (14120118)
        578485.01   4141396.41       81.10818  (14120118)               578505.01
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        578525.01   4141396.41       89.33020  (09110418)               578545.01
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        578565.01   4141396.41       97.91792  (09110418)               578585.01
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        578605.01   4141396.41      105.56040  (09110418)               578625.01
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        578645.01   4141396.41      121.16342  (12010309)               578665.01
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        579165.01   4141396.41      236.79056  (15011018)               579185.01
4141396.41      200.24466  (15011018)
        579205.01   4141396.41      179.70426  (14011818)               579225.01
4141396.41      165.95411  (14011818)
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4141396.41      143.08627  (17120218)
        579285.01   4141396.41      133.29966  (17120218)               579305.01
4141396.41      123.98039  (17120218)
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        578465.01   4141416.41       86.33700  (14120118)               578485.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 666
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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579225.01	4141436.41	174.92227	(17112018)	579245.01	4141436.41	161.60496	(17112018)
579265.01	4141436.41	149.40572	(17112018)	579285.01	4141436.41	138.24482	(17112018)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 667
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578405.01	4141536.41	91.44979	(13012417)	578425.01	4141536.41	95.33174	(13012417)
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578645.01	4141536.41	166.29647	(14120118)	578665.01	4141536.41	179.32987	(14120118)
579105.01	4141536.41	347.63271	(10122318)	579125.01	4141536.41	301.75940	(11112918)
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578445.01	4141556.41	102.92468	(13012417)	578465.01	4141556.41	107.88132	(13012417)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 668
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
                                   INCLUDING SOURCE(S):     BC1_2       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578505.01	4141596.41	118.01234	(13012417)	578525.01	4141596.41	124.96045	(13012417)
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579305.01	4141596.41	118.41410	(16011318)	579325.01	4141596.41	110.65476	(16011318)
579345.01	4141596.41	103.54362	(16011318)	578385.01	4141616.41	83.20965	(13012417)
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4141616.41      117.02705  (16011318)
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4141616.41      103.32658  (16011318)
        578385.01   4141636.41       77.50582  (17121418)                578405.01
4141636.41       80.93125  (10012218)
        578425.01   4141636.41       84.62260  (10012218)                578445.01
4141636.41       88.61544  (10012218)
        578465.01   4141636.41       92.94152  (10012218)                578485.01
4141636.41       97.61814  (10012218)
        578505.01   4141636.41      102.76262  (10012218)                578525.01
4141636.41      108.43796  (10012218)
        578545.01   4141636.41      114.61451  (10012218)                578565.01
4141636.41      121.52420  (10012218)
        578585.01   4141636.41      129.28210  (10012218)                578605.01
4141636.41      137.93539  (10012218)
        578625.01   4141636.41      147.68638  (10012218)                578645.01
4141636.41      158.85772  (10012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 669
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
                                   INCLUDING SOURCE(S):     BC1_2       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141636.41	171.72575	(10012218)	578685.01	4141636.41	190.73837	(16120718)
578705.01	4141636.41	218.50602	(16120718)	578725.01	4141636.41	252.56043	(16120718)
579045.01	4141636.41	315.45580	(14121218)	579065.01	4141636.41	296.25510	(17112518)
579085.01	4141636.41	275.77951	(17112518)	579105.01	4141636.41	252.01854	(17112518)
579125.01	4141636.41	229.25087	(09012218)	579165.01	4141636.41	193.71777	(09012218)
579185.01	4141636.41	178.31384	(09012218)	579205.01	4141636.41	163.86186	(09012218)
579225.01	4141636.41	150.66585	(09012218)	579245.01	4141636.41	138.51453	(09012218)
579265.01	4141636.41	128.98914	(17010418)	579285.01	4141636.41	120.75582	(17010418)
579305.01	4141636.41	113.20110	(17010418)	579325.01	4141636.41	106.52938	(16011318)
579345.01	4141636.41	100.80794	(16011318)	578385.01	4141656.41	74.99594	(10012218)
578405.01	4141656.41	78.06871	(10012218)	578425.01	4141656.41	81.32732	(10012218)
578445.01	4141656.41	84.84510	(10012218)	578465.01	4141656.41	88.67228	(10012218)
578485.01	4141656.41	92.73914	(10012218)	578505.01	4141656.41	97.21154	(10012218)
578525.01	4141656.41	101.95365	(10012218)	578545.01	4141656.41	107.14724	(10012218)
578565.01	4141656.41	112.84905	(10012218)	578585.01	4141656.41	122.67561	(16120718)
578605.01	4141656.41	136.00166	(16120718)	578625.01	4141656.41	151.32060	(16120718)
578645.01	4141656.41	168.88084	(16120718)	578665.01	4141656.41	189.28890	(16120718)
578685.01	4141656.41	213.30083	(16120718)	578705.01	4141656.41	241.31660	(16120718)
578725.01	4141656.41	274.57606	(16120718)	579005.01	4141656.41	381.17268	(14121218)
579025.01	4141656.41	337.87240	(14121218)	579045.01	4141656.41	285.02893	(14121218)
579065.01	4141656.41	259.88020	(17112518)	579085.01	4141656.41	247.21427	(17112518)

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        579105.01   4141656.41      232.14109  (17112518)                579125.01
4141656.41      215.44802  (17112518)
        579145.01   4141656.41      198.32025  (17112518)                579185.01
4141656.41      170.68064  (09012218)
        579205.01   4141656.41      159.23532  (09012218)                579225.01
4141656.41      148.33019  (09012218)
        579245.01   4141656.41      137.95170  (09012218)                579265.01
4141656.41      128.41571  (09012218)
        579285.01   4141656.41      119.37924  (09012218)                579305.01
4141656.41      110.99789  (09012218)
        579325.01   4141656.41      104.36530  (17010418)                579345.01
4141656.41       98.72027  (17010418)
        578385.01   4141676.41       70.55700  (10012218)                578405.01
4141676.41       73.07820  (10012218)
        578425.01   4141676.41       75.73585  (10012218)                578445.01
4141676.41       78.57526  (10012218)
        578465.01   4141676.41       81.63148  (10012218)                578485.01
4141676.41       86.94151  (15102718)
        578505.01   4141676.41       94.43947  (16120718)                578525.01
4141676.41      103.14644  (16120718)
        578545.01   4141676.41      112.83635  (16120718)                578565.01
4141676.41      123.64037  (16120718)
        578585.01   4141676.41      135.73042  (16120718)                578605.01
4141676.41      149.24739  (16120718)
        578625.01   4141676.41      164.44954  (16120718)                578645.01
4141676.41      181.59755  (16120718)
        578665.01   4141676.41      200.79532  (16120718)                578685.01
4141676.41      222.23189  (16120718)
        578705.01   4141676.41      246.06442  (16120718)                578985.01
4141676.41      368.49921  (14121218)
        579005.01   4141676.41      336.33869  (14121218)                579025.01
4141676.41      301.31460  (14121218)
        579045.01   4141676.41      260.62583  (14121218)                579065.01
4141676.41      232.66798  (13012318)
        579085.01   4141676.41      220.10212  (11121618)                579105.01
4141676.41      209.97303  (17112518)
        579125.01   4141676.41      199.55629  (17112518)                579145.01
4141676.41      187.78218  (17112518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 670
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
                                    INCLUDING SOURCE(S):     BC1_2       ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579165.01	4141676.41	175.00570	(17112518)	579185.01	4141676.41	162.27460	(17112518)
579205.01	4141676.41	150.35082	(09012218)	579225.01	4141676.41	142.09121	(09012218)
579245.01	4141676.41	133.81793	(09012218)	579265.01	4141676.41	125.91545	(09012218)
579285.01	4141676.41	118.45994	(09012218)	579305.01	4141676.41	111.17452	(09012218)
579325.01	4141676.41	104.29407	(09012218)	579345.01	4141676.41	97.77546	(09012218)
578385.01	4141696.41	67.09710	(15102718)	578405.01	4141696.41	71.03337	(15102718)
578425.01	4141696.41	75.32366	(16120718)	578445.01	4141696.41	81.46958	(16120718)
578465.01	4141696.41	88.17513	(16120718)	578485.01	4141696.41	95.46920	(16120718)
578505.01	4141696.41	103.52822	(16120718)	578525.01	4141696.41	112.31820	(16120718)
578565.01	4141696.41	132.38880	(16120718)	578585.01	4141696.41	143.84773	(16120718)
578605.01	4141696.41	156.32599	(16120718)	578625.01	4141696.41	169.85280	(16120718)
578645.01	4141696.41	184.47266	(16120718)	578665.01	4141696.41	199.98028	(16120718)
578685.01	4141696.41	216.04425	(16120718)	578945.01	4141696.41	383.02220	(14121218)
578965.01	4141696.41	356.86744	(14121218)	578985.01	4141696.41	329.91505	(14121218)
579005.01	4141696.41	303.13090	(14121218)	579025.01	4141696.41	273.93588	(14121218)
579045.01	4141696.41	240.95179	(14121218)	579065.01	4141696.41	213.18059	(13012318)
579085.01	4141696.41	198.92246	(13012318)	579105.01	4141696.41	189.84563	(11121618)
579125.01	4141696.41	182.17605	(11121618)	579145.01	4141696.41	173.63044	(17112518)
579165.01	4141696.41	165.08037	(17112518)	579185.01	4141696.41	155.58462	(17112518)
579205.01	4141696.41	146.16616	(17112518)	579225.01	4141696.41	136.37048	(17112518)

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        579245.01   4141696.41      126.89035  (09012218)               579265.01
4141696.41      120.72456  (09012218)
        579285.01   4141696.41      114.71010  (09012218)               579305.01
4141696.41      108.88857  (09012218)
        579325.01   4141696.41      103.10169  (09012218)               579345.01
4141696.41       97.41037  (09012218)
        578385.01   4141716.41       71.16688  (16120718)               578405.01
4141716.41       76.44476  (16120718)
        578425.01   4141716.41       82.16130  (16120718)               578445.01
4141716.41       88.32590  (16120718)
        578465.01   4141716.41       94.95217  (16120718)               578485.01
4141716.41      102.06712  (16120718)
        578505.01   4141716.41      109.81233  (16120718)               578525.01
4141716.41      118.05860  (16120718)
        578605.01   4141716.41      156.23994  (16120718)               578625.01
4141716.41      166.77499  (16120718)
        578645.01   4141716.41      177.37451  (16120718)               578665.01
4141716.41      187.55462  (16120718)
        578685.01   4141716.41      210.65885  (12111618)               578905.01
4141716.41      389.98161  (09112618)
        578925.01   4141716.41      350.80377  (14103118)               578945.01
4141716.41      317.85429  (14121218)
        578965.01   4141716.41      311.24238  (14121218)               578985.01
4141716.41      295.69840  (14121218)
        579005.01   4141716.41      275.62034  (14121218)               579025.01
4141716.41      251.82506  (14121218)
        579045.01   4141716.41      224.66579  (14121218)               579065.01
4141716.41      195.06182  (14121218)
        579085.01   4141716.41      185.17922  (13012318)               579105.01
4141716.41      172.60809  (13012318)
        579125.01   4141716.41      165.60383  (11121618)               579145.01
4141716.41      160.08520  (11121618)
        579165.01   4141716.41      152.88241  (11121618)               579185.01
4141716.41      146.12902  (17112518)
        579205.01   4141716.41      139.45554  (17112518)               579225.01
4141716.41      132.15091  (17112518)
        579245.01   4141716.41      124.62904  (17112518)               579265.01
4141716.41      116.82832  (17112518)
        579285.01   4141716.41      109.07038  (17112518)               579305.01
4141716.41      104.39164  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 671
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP5   ***
```

INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141716.41	99.82899	(09012218)	579345.01	4141716.41	95.27193	(09012218)
578385.01	4141736.41	76.50397	(16120718)	578405.01	4141736.41	81.72177	(16120718)
578425.01	4141736.41	87.23225	(16120718)	578445.01	4141736.41	93.08721	(16120718)
578465.01	4141736.41	99.25352	(16120718)	578485.01	4141736.41	105.77413	(16120718)
578505.01	4141736.41	112.70259	(16120718)	578625.01	4141736.41	156.56248	(09122918)
578645.01	4141736.41	173.87528	(12111618)	578665.01	4141736.41	193.85355	(12111618)
578865.01	4141736.41	402.64162	(09112618)	578885.01	4141736.41	377.08433	(09112618)
578905.01	4141736.41	313.87825	(09112618)	578925.01	4141736.41	297.91055	(14103118)
578945.01	4141736.41	276.11939	(14103118)	578965.01	4141736.41	270.06468	(14121218)
578985.01	4141736.41	263.91444	(14121218)	579005.01	4141736.41	250.74819	(14121218)
579025.01	4141736.41	232.60457	(14121218)	579045.01	4141736.41	210.59942	(14121218)
579065.01	4141736.41	185.84281	(14121218)	579085.01	4141736.41	170.85179	(13012318)
579105.01	4141736.41	162.16133	(13012318)	579125.01	4141736.41	151.84853	(13012318)
579145.01	4141736.41	145.74962	(11121618)	579165.01	4141736.41	141.72380	(11121618)
579185.01	4141736.41	136.32727	(11121618)	579205.01	4141736.41	130.44423	(17112518)
579225.01	4141736.41	125.52810	(17112518)	579245.01	4141736.41	120.02691	(17112518)
579265.01	4141736.41	114.04791	(17112518)	579285.01	4141736.41	107.81371	(17112518)
579305.01	4141736.41	101.44270	(17112518)	579325.01	4141736.41	95.13758	(17112518)
579345.01	4141736.41	91.18283	(09012218)	578385.01	4141756.41	80.31670	(16120718)

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        578405.01   4141756.41       85.15166  (16120718)                578425.01
4141756.41       90.19122  (16120718)
        578445.01   4141756.41       95.41026  (16120718)                578465.01
4141756.41      100.79655  (16120718)
        578485.01   4141756.41      106.36478  (16120718)                578845.01
4141756.41      344.34619  (12112718)
        578865.01   4141756.41      344.63826  (09112618)                578885.01
4141756.41      311.60727  (09112618)
        578905.01   4141756.41      256.40505  (14103118)                578925.01
4141756.41      257.50145  (14103118)
        578945.01   4141756.41      242.99886  (14103118)                578965.01
4141756.41      234.37519  (14121218)
        578985.01   4141756.41      235.10378  (14121218)                579005.01
4141756.41      227.92719  (14121218)
        579025.01   4141756.41      214.84648  (14121218)                579045.01
4141756.41      197.40047  (14121218)
        579065.01   4141756.41      176.95276  (14121218)                579085.01
4141756.41      156.81625  (14020618)
        579105.01   4141756.41      150.89018  (13012318)                579125.01
4141756.41      143.85149  (13012318)
        579145.01   4141756.41      134.91761  (13012318)                579165.01
4141756.41      129.22033  (11121618)
        579185.01   4141756.41      126.35164  (11121618)                579205.01
4141756.41      122.69255  (11121618)
        579225.01   4141756.41      118.01164  (11121618)                579245.01
4141756.41      113.33505  (17112518)
        579265.01   4141756.41      109.17969  (17112518)                579285.01
4141756.41      104.59301  (17112518)
        579305.01   4141756.41       99.62455  (17112518)                579325.01
4141756.41       94.32296  (17112518)
        579345.01   4141756.41       89.06023  (17112518)                578385.01
4141776.41       82.27645  (16120718)
        578405.01   4141776.41       86.52871  (16120718)                578425.01
4141776.41       90.81480  (16120718)
        578445.01   4141776.41       95.14109  (16120718)                578465.01
4141776.41       99.46420  (16120718)
        578485.01   4141776.41      103.72893  (16120718)                578825.01
4141776.41      299.84296  (12112718)
        578845.01   4141776.41      306.28341  (09112618)                578865.01
4141776.41      293.20640  (09112618)
        578885.01   4141776.41      259.77380  (09112618)                578905.01
4141776.41      224.02455  (14103118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	225.75829	(14103118)	578945.01	4141776.41	215.55928	(14103118)
578965.01	4141776.41	207.01018	(12121918)	578985.01	4141776.41	209.49046	(14121218)
579005.01	4141776.41	206.77476	(14121218)	579025.01	4141776.41	198.11926	(14121218)
579045.01	4141776.41	184.87392	(14121218)	579065.01	4141776.41	168.24508	(14121218)
579085.01	4141776.41	149.53900	(14121218)	579105.01	4141776.41	139.15246	(13012318)
579125.01	4141776.41	134.89787	(13012318)	579145.01	4141776.41	128.62683	(13012318)
579165.01	4141776.41	120.84487	(13012318)	579185.01	4141776.41	115.26478	(11121618)
579205.01	4141776.41	113.65847	(11121618)	579225.01	4141776.41	110.93054	(11121618)
579245.01	4141776.41	107.25554	(11121618)	579265.01	4141776.41	103.05784	(11121618)
579285.01	4141776.41	99.63977	(17112518)	579305.01	4141776.41	96.13499	(17112518)
579325.01	4141776.41	91.99618	(17112518)	579345.01	4141776.41	87.79368	(17112518)
578405.01	4141796.41	85.77876	(16120718)	578425.01	4141796.41	89.15392	(16120718)
578445.01	4141796.41	92.41473	(16120718)	578465.01	4141796.41	95.52120	(16120718)
578805.01	4141796.41	261.16675	(12112718)	578825.01	4141796.41	268.39867	(09112618)
578845.01	4141796.41	270.75285	(09112618)	578865.01	4141796.41	251.97475	(09112618)
578885.01	4141796.41	217.57932	(09112618)	578905.01	4141796.41	198.65696	(14103118)
578925.01	4141796.41	200.50764	(14103118)	578945.01	4141796.41	193.10477	(14103118)
578965.01	4141796.41	185.10387	(12121918)	578985.01	4141796.41	186.83673	(14121218)

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        579005.01   4141796.41      187.54158  (14121218)                579025.01
4141796.41      182.38486  (14121218)
        579045.01   4141796.41      172.81061  (14121218)                579065.01
4141796.41      159.65320  (14121218)
        579085.01   4141796.41      144.06213  (14121218)                579105.01
4141796.41      130.50522  (14020618)
        579125.01   4141796.41      125.31489  (13012318)                579145.01
4141796.41      121.35454  (13012318)
        579165.01   4141796.41      115.76484  (13012318)                579185.01
4141796.41      108.96573  (13012318)
        579205.01   4141796.41      103.79799  (11121618)                579225.01
4141796.41      102.73323  (11121618)
        579245.01   4141796.41      100.89733  (11121618)                579265.01
4141796.41       97.96332  (11121618)
        579285.01   4141796.41       94.86603  (11121618)                579305.01
4141796.41       91.33669  (17112518)
        579325.01   4141796.41       88.54929  (17112518)                579345.01
4141796.41       85.41527  (17112518)
        578445.01   4141816.41       89.07487  (09122918)                578585.01
4141816.41      136.51601  (09121117)
        578605.01   4141816.41      147.02187  (09121117)                578665.01
4141816.41      170.68234  (12010318)
        578685.01   4141816.41      182.44495  (11112818)                578785.01
4141816.41      228.09067  (12112718)
        578805.01   4141816.41      238.54024  (12112718)                578825.01
4141816.41      244.21859  (09112618)
        578845.01   4141816.41      238.58321  (09112618)                578865.01
4141816.41      217.23003  (09112618)
        578885.01   4141816.41      185.13877  (14120418)                578905.01
4141816.41      178.19064  (14103118)
        578925.01   4141816.41      179.92728  (14103118)                578945.01
4141816.41      174.12113  (14103118)
        578965.01   4141816.41      166.36086  (12121918)                578985.01
4141816.41      167.56486  (12121918)
        579005.01   4141816.41      170.21010  (14121218)                579025.01
4141816.41      167.91731  (14121218)
        579045.01   4141816.41      161.17267  (14121218)                579065.01
4141816.41      150.98583  (14121218)
        579085.01   4141816.41      138.22641  (14121218)                579105.01
4141816.41      123.89172  (14121218)
        579125.01   4141816.41      115.96387  (14020618)                579145.01
4141816.41      113.45926  (13012318)
        579165.01   4141816.41      109.85942  (13012318)                579185.01
4141816.41      104.91351  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579205.01	4141816.41	99.10318	(13012318)	579225.01	4141816.41	93.82074	(11121618)
579245.01	4141816.41	93.47652	(11121618)	579265.01	4141816.41	92.14542	(11121618)
579285.01	4141816.41	90.08424	(11121618)	579305.01	4141816.41	87.38014	(11121618)
579325.01	4141816.41	84.35585	(11121618)	579345.01	4141816.41	81.71897	(17112518)
578565.01	4141836.41	127.20013	(09121117)	578585.01	4141836.41	135.62163	(09121117)
578605.01	4141836.41	142.83209	(12010318)	578625.01	4141836.41	149.47443	(12010318)
578645.01	4141836.41	153.69992	(12010318)	578665.01	4141836.41	164.93757	(11112818)
578685.01	4141836.41	179.60450	(09010809)	578705.01	4141836.41	192.67558	(09010809)
578725.01	4141836.41	199.57303	(09010809)	578765.01	4141836.41	199.99464	(12112718)
578785.01	4141836.41	212.91414	(12112718)	578805.01	4141836.41	218.00192	(09112618)
578825.01	4141836.41	220.64973	(09112618)	578845.01	4141836.41	209.86733	(09112618)
578865.01	4141836.41	186.63233	(16120918)	578885.01	4141836.41	160.45898	(14120418)
578905.01	4141836.41	161.25600	(14103118)	578925.01	4141836.41	162.80220	(14103118)
578945.01	4141836.41	158.01904	(14103118)	578965.01	4141836.41	150.25172	(12121918)
578985.01	4141836.41	152.84005	(12121918)	579005.01	4141836.41	154.66450	(14121218)
579025.01	4141836.41	154.58484	(14121218)	579045.01	4141836.41	150.37655	(14121218)
579065.01	4141836.41	142.68043	(14121218)	579085.01	4141836.41	132.30808	(14121218)

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        579105.01   4141836.41      120.23392  (14121218)                579125.01
4141836.41      110.99162  (14020618)
        579145.01   4141836.41      105.21884  (13012318)                579165.01
4141836.41      103.30359  (13012318)
        579185.01   4141836.41      100.07320  (13012318)                579205.01
4141836.41       95.75526  (13012318)
        579225.01   4141836.41       90.57451  (13012318)                579245.01
4141836.41       85.35345  (11121618)
        579265.01   4141836.41       85.32086  (11121618)                579285.01
4141836.41       84.43810  (11121618)
        579305.01   4141836.41       82.89932  (11121618)                579325.01
4141836.41       80.86887  (11121618)
        579345.01   4141836.41       78.20890  (11121618)                578565.01
4141856.41      125.44842  (09121117)
        578585.01   4141856.41      131.35254  (12010318)                578605.01
4141856.41      136.41501  (12010318)
        578625.01   4141856.41      140.62948  (11112818)                578645.01
4141856.41      150.23959  (11112818)
        578665.01   4141856.41      162.65245  (09010809)                578685.01
4141856.41      174.13475  (09010809)
        578705.01   4141856.41      180.59096  (09010809)                578725.01
4141856.41      180.65096  (09010809)
        578745.01   4141856.41      177.06963  (16121017)                578765.01
4141856.41      190.08864  (12112718)
        578785.01   4141856.41      196.16474  (12112718)                578805.01
4141856.41      201.34570  (09112618)
        578825.01   4141856.41      198.33417  (09112618)                578845.01
4141856.41      184.33251  (09112618)
        578865.01   4141856.41      163.38755  (14120418)                578885.01
4141856.41      143.48104  (11112817)
        578905.01   4141856.41      147.00115  (14103118)                578925.01
4141856.41      148.43305  (14103118)
        578945.01   4141856.41      144.36947  (14103118)                578965.01
4141856.41      136.34238  (12121918)
        578985.01   4141856.41      139.92155  (12121918)                579005.01
4141856.41      140.73875  (14121218)
        579025.01   4141856.41      142.23292  (14121218)                579045.01
4141856.41      140.01719  (14121218)
        579065.01   4141856.41      134.46056  (14121218)                579085.01
4141856.41      126.26589  (14121218)
        579105.01   4141856.41      116.21294  (14121218)                579125.01
4141856.41      105.62821  (14020618)
        579145.01   4141856.41       99.80253  (14020618)                579165.01
4141856.41       96.36509  (13012318)
        579185.01   4141856.41       94.64931  (13012318)                579205.01
4141856.41       91.72353  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	87.79553	(13012318)	579245.01	4141856.41	83.27150	(13012318)
579265.01	4141856.41	78.24021	(13012318)	579285.01	4141856.41	77.99364	(11121618)
579305.01	4141856.41	77.47614	(11121618)	579325.01	4141856.41	76.57005	(11121618)
579345.01	4141856.41	74.93862	(11121618)	578545.01	4141876.41	116.29609	(09121117)
578565.01	4141876.41	121.24046	(12010318)	578585.01	4141876.41	125.05158	(12010318)
578605.01	4141876.41	129.54311	(11112818)	578625.01	4141876.41	137.65237	(11112818)
578645.01	4141876.41	148.31039	(09010809)	578665.01	4141876.41	158.44213	(09010809)
578685.01	4141876.41	164.49660	(09010809)	578705.01	4141876.41	165.33124	(09010809)
578725.01	4141876.41	161.76902	(16121017)	578745.01	4141876.41	169.96625	(12112718)
578765.01	4141876.41	178.19962	(12112718)	578785.01	4141876.41	182.16474	(09112618)
578805.01	4141876.41	184.60709	(09112618)	578825.01	4141876.41	177.71391	(09112618)
578845.01	4141876.41	163.38444	(16120918)	578865.01	4141876.41	144.57997	(14120418)
578885.01	4141876.41	129.71849	(11112817)	578905.01	4141876.41	134.93343	(14103118)
578925.01	4141876.41	136.16362	(14103118)	578945.01	4141876.41	132.74650	(14103118)
578965.01	4141876.41	125.22147	(14103118)	578985.01	4141876.41	128.53055	(12121918)
579005.01	4141876.41	128.66301	(12121918)	579025.01	4141876.41	131.02570	(14121218)

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        579045.01   4141876.41      130.33631  (14121218)               579065.01
4141876.41      126.58095  (14121218)
        579085.01   4141876.41      120.23197  (14121218)               579105.01
4141876.41      111.99200  (14121218)
        579125.01   4141876.41      102.34173  (14121218)               579145.01
4141876.41       95.74795  (14020618)
        579165.01   4141876.41       90.12389  (14020618)               579185.01
4141876.41       88.81798  (13012318)
        579205.01   4141876.41       87.11313  (13012318)               579225.01
4141876.41       84.40591  (13012318)
        579245.01   4141876.41       80.97051  (13012318)               579265.01
4141876.41       76.92341  (13012318)
        579285.01   4141876.41       72.24330  (13012318)               579305.01
4141876.41       71.75111  (11121618)
        579325.01   4141876.41       71.66512  (11121618)               579345.01
4141876.41       70.86193  (11121618)
        578545.01   4141896.41      112.30041  (12010318)               578565.01
4141896.41      115.15217  (12010318)
        578585.01   4141896.41      119.91949  (11112818)               578605.01
4141896.41      126.76618  (11112818)
        578625.01   4141896.41      136.02672  (09010809)               578645.01
4141896.41      145.03192  (09010809)
        578665.01   4141896.41      150.68927  (09010809)               578685.01
4141896.41      152.00973  (09010809)
        578705.01   4141896.41      148.36955  (09010809)               578725.01
4141896.41      152.34695  (12112718)
        578745.01   4141896.41      161.73722  (12112718)               578765.01
4141896.41      165.25851  (12112718)
        578785.01   4141896.41      169.98082  (09112618)               578805.01
4141896.41      168.33590  (09112618)
        578825.01   4141896.41      158.71909  (09112618)               578845.01
4141896.41      145.24835  (14120418)
        578865.01   4141896.41      127.42444  (14120418)               578885.01
4141896.41      119.71709  (14103118)
        578905.01   4141896.41      124.57421  (14103118)               578925.01
4141896.41      125.56099  (14103118)
        578945.01   4141896.41      122.57898  (14103118)               578965.01
4141896.41      116.06024  (14103118)
        578985.01   4141896.41      118.59689  (12121918)               579005.01
4141896.41      119.55615  (12121918)
        579025.01   4141896.41      120.81245  (14121218)               579045.01
4141896.41      121.28878  (14121218)
        579065.01   4141896.41      119.01847  (14121218)               579085.01
4141896.41      114.24536  (14121218)
        579105.01   4141896.41      107.61255  (14121218)               579125.01
4141896.41       99.43077  (14121218)
        579145.01   4141896.41       91.38213  (14020618)               579165.01
4141896.41       87.04179  (14020618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141896.41	82.80520	(13012318)	579205.01	4141896.41	82.16023	(13012318)
579225.01	4141896.41	80.54133	(13012318)	579245.01	4141896.41	78.03027	(13012318)
579265.01	4141896.41	74.93404	(13012318)	579285.01	4141896.41	71.16405	(13012318)
579305.01	4141896.41	67.14842	(13012318)	579325.01	4141896.41	66.27790	(11121618)
579345.01	4141896.41	66.25255	(11121618)	578565.01	4141916.41	111.40746	(11112818)
578585.01	4141916.41	117.32107	(11112818)	578605.01	4141916.41	125.40356	(09010809)
578625.01	4141916.41	133.45656	(09010809)	578645.01	4141916.41	138.72106	(09010809)
578665.01	4141916.41	140.37459	(09010809)	578685.01	4141916.41	137.87493	(09010809)
578705.01	4141916.41	137.24800	(16121017)	578725.01	4141916.41	146.82723	(12112718)
578745.01	4141916.41	152.14987	(12112718)	578765.01	4141916.41	155.44930	(09112618)
578785.01	4141916.41	157.50457	(09112618)	578805.01	4141916.41	152.65368	(09112618)
578825.01	4141916.41	143.16292	(16120918)	578845.01	4141916.41	129.86083	(14120418)
578865.01	4141916.41	112.99944	(11112817)	578885.01	4141916.41	111.41038	(14103118)
578905.01	4141916.41	115.46540	(14103118)	578925.01	4141916.41	116.22088	(14103118)
578945.01	4141916.41	113.63492	(14103118)	578965.01	4141916.41	107.97908	(14103118)

578985.01 4141916.41 109.71791 (12121918) 579005.01 4141916.41 111.27093 (12121918)
579025.01 4141916.41 111.65552 (14121218) 579045.01 4141916.41 113.00784 (14121218)
579065.01 4141916.41 111.80953 (14121218) 579085.01 4141916.41 108.38073 (14121218)
579105.01 4141916.41 103.13923 (14121218) 579125.01 4141916.41 96.29644 (14121218)
579145.01 4141916.41 88.36749 (14121218) 579165.01 4141916.41 83.64711 (14020618)
579185.01 4141916.41 79.49481 (14020618) 578386.27 4141125.26 70.00584 (12010309)
578406.27 4141125.26 71.46991 (12010309) 578426.27 4141125.26 72.70935 (12010309)
578446.27 4141125.26 73.34588 (12010309) 578466.27 4141125.26 73.05326 (12010309)
578486.27 4141125.26 66.95890 (12010309) 578506.27 4141125.26 66.38090 (12010309)
578526.27 4141125.26 65.99884 (11122717) 578546.27 4141125.26 65.22516 (11122717)
578566.27 4141125.26 63.85475 (16020318) 578586.27 4141125.26 66.31466 (16020318)
578606.27 4141125.26 68.23602 (16020318) 578626.27 4141125.26 73.41683 (14112017)
578646.27 4141125.26 78.81505 (14112017) 578666.27 4141125.26 83.68796 (14112017)
578686.27 4141125.26 89.25724 (09012117) 578706.27 4141125.26 95.45526 (09012117)
578726.27 4141125.26 100.65158 (09012117) 578746.27 4141125.26 104.48291 (09012117)
578766.27 4141125.26 106.54525 (09012117) 578786.27 4141125.26 106.50568 (09012117)
578806.27 4141125.26 109.58347 (14121217) 578826.27 4141125.26 111.99288 (14121217)
578846.27 4141125.26 112.22514 (11010818) 578866.27 4141125.26 116.96855 (14010318)
578886.27 4141125.26 121.17256 (14010318) 578906.27 4141125.26 121.85646 (14010318)
578926.27 4141125.26 125.60352 (16120717) 578946.27 4141125.26 126.62172 (16120717)
578966.27 4141125.26 130.27463 (14122017) 578986.27 4141125.26 131.48541 (14122017)
579006.27 4141125.26 130.78446 (13121418) 579026.27 4141125.26 130.64858 (16110418)
579046.27 4141125.26 130.57313 (09011617) 579066.27 4141125.26 130.20596 (09012317)
579086.27 4141125.26 131.88101 (09012317) 579106.27 4141125.26 128.22167 (09012317)
579126.27 4141125.26 128.30496 (10121417) 579146.27 4141125.26 124.20702 (10121417)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579166.27	4141125.26	120.75673	(11112917)	579186.27	4141125.26	117.53306	(12111418)
579206.27	4141125.26	116.41910	(12111418)	578386.27	4141145.26	70.44229	(12010309)
578406.27	4141145.26	72.70529	(12010309)	578426.27	4141145.26	74.41415	(12010309)
578446.27	4141145.26	75.97984	(12010309)	578466.27	4141145.26	76.81423	(12010309)
578486.27	4141145.26	70.74568	(12010309)	578506.27	4141145.26	70.85378	(12010309)
578526.27	4141145.26	70.37934	(12010309)	578546.27	4141145.26	69.84824	(11122717)
578566.27	4141145.26	69.12536	(11122717)	578586.27	4141145.26	67.73145	(11122717)
578606.27	4141145.26	70.24727	(16020318)	578626.27	4141145.26	72.96668	(14112017)
578646.27	4141145.26	79.12456	(14112017)	578666.27	4141145.26	84.74560	(14112017)
578686.27	4141145.26	89.73426	(14112017)	578706.27	4141145.26	96.71650	(09012117)
578726.27	4141145.26	103.12813	(09012117)	578746.27	4141145.26	108.22031	(09012117)
578766.27	4141145.26	111.63881	(09012117)	578786.27	4141145.26	113.00315	(09012117)
578806.27	4141145.26	113.83910	(14121217)	578826.27	4141145.26	117.75724	(14121217)
578846.27	4141145.26	118.68198	(14121217)	578866.27	4141145.26	122.79760	(11010818)

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        578886.27   4141145.26      127.73461  (14010318)              578906.27
4141145.26      129.56726  (14010318)
        578926.27   4141145.26      132.87019  (16120717)              578946.27
4141145.26      134.74338  (16120717)
        578966.27   4141145.26      138.39814  (14122017)              578986.27
4141145.26      139.95920  (14122017)
        579006.27   4141145.26      139.23226  (13121418)              579026.27
4141145.26      139.38627  (16110418)
        579046.27   4141145.26      139.19619  (13122818)              579066.27
4141145.26      139.80432  (09012317)
        579086.27   4141145.26      140.23486  (09012317)              579106.27
4141145.26      137.32100  (10121417)
        579126.27   4141145.26      135.87025  (10121417)              579146.27
4141145.26      131.43680  (11112917)
        579166.27   4141145.26      126.14243  (13113018)              579186.27
4141145.26      125.30097  (12111418)
        579206.27   4141145.26      124.24598  (09011017)              578723.62
4141929.59      141.96672  (12112718)
        578743.62   4141929.59      145.33096  (12112718)              578763.62
4141929.59      149.15052  (09112618)
        578783.62   4141929.59      149.54357  (09112618)              578803.62
4141929.59      143.73653  (09112618)
        578823.62   4141929.59      134.55387  (16120918)              578843.62
4141929.59      121.58847  (14120418)
        578863.62   4141929.59      107.17097  (11112817)              578883.62
4141929.59      106.05098  (14103118)
        578903.62   4141929.59      109.92067  (14103118)              578923.62
4141929.59      110.76179  (14103118)
        578943.62   4141929.59      108.54028  (14103118)              578963.62
4141929.59      103.52953  (14103118)
        578983.62   4141929.59      104.13373  (12121918)              579003.62
4141929.59      106.22636  (12121918)
        579023.62   4141929.59      105.82279  (14121218)              579043.62
4141929.59      107.84369  (14121218)
        579063.62   4141929.59      107.45708  (14121218)              579083.62
4141929.59      104.89879  (14121218)
        579103.62   4141929.59      100.47713  (14121218)              579123.62
4141929.59       94.60318  (14121218)
        579143.62   4141929.59       87.48171  (14121218)              579163.62
4141929.59       81.50621  (14020618)
        579183.62   4141929.59       78.05252  (14020618)              578725.67
4141942.60      137.61490  (12112718)
        578745.67   4141942.60      139.66210  (09112618)              578765.67
4141942.60      143.21486  (09112618)
        578785.67   4141942.60      141.28220  (09112618)              578805.67
4141942.60      134.56229  (16120918)
        578825.67   4141942.60      124.69203  (14120418)              578845.67
4141942.60      111.52604  (14120418)
        578865.67   4141942.60      101.16802  (11112817)              578885.67
4141942.60      101.97964  (14103118)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP5 ***
INCLUDING SOURCE(S): BC1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578945.67	4141942.60	103.29407	(14103118)	578965.67	4141942.60	98.41188	(14103118)
578985.67	4141942.60	99.54029	(12121918)	579005.67	4141942.60	101.65546	(12121918)
579025.67	4141942.60	101.21841	(12121918)	579045.67	4141942.60	103.11195	(14121218)
579065.67	4141942.60	103.04879	(14121218)	579085.67	4141942.60	100.96942	(14121218)
579105.67	4141942.60	97.09328	(14121218)	579125.67	4141942.60	91.70807	(14121218)
579145.67	4141942.60	85.28854	(14121218)	579165.67	4141942.60	78.84541	(14020618)
579185.67	4141942.60	75.86790	(14020618)	578745.52	4141955.60	135.27514	(09112618)
578765.52	4141955.60	136.94005	(09112618)	578785.52	4141955.60	133.64755	(09112618)
578805.52	4141955.60	126.96667	(16120918)	578825.52	4141955.60	117.04681	(14120418)
578845.52	4141955.60	103.86200	(14120418)	578865.52	4141955.60	95.98693	(11112817)
578885.52	4141955.60	97.74336	(14103118)	578905.52	4141955.60	100.68412	(14103118)
578925.52	4141955.60	101.04663	(14103118)	578945.52	4141955.60	98.85116	(14103118)
578965.52	4141955.60	94.33285	(14103118)	578985.52	4141955.60	94.88901	(12121918)

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        579005.52   4141955.60       97.23732  (12121918)                579025.52
4141955.60       97.25367  (12121918)
        579045.52   4141955.60       98.57000  (14121218)                579065.52
4141955.60       99.01243  (14121218)
        579085.52   4141955.60       97.50682  (14121218)                579105.52
4141955.60       94.28955  (14121218)
        579125.52   4141955.60       89.60976  (14121218)                579145.52
4141955.60       83.78968  (14121218)
        579165.52   4141955.60       77.21804  (14121218)                579185.52
4141955.60       74.06265  (14020618)
        578785.22   4141971.34      124.79046  (09112618)                578805.22
4141971.34      118.13390  (16120918)
        578825.22   4141971.34      108.30089  (14120418)                578845.22
4141971.34       95.35458  (14120418)
        578865.22   4141971.34       90.23854  (11112817)                578885.22
4141971.34       93.02317  (14103118)
        578905.22   4141971.34       95.62941  (14103118)                578925.22
4141971.34       95.90993  (14103118)
        578945.22   4141971.34       93.91960  (14103118)                578965.22
4141971.34       89.81976  (14103118)
        578985.22   4141971.34       89.71219  (12121918)                579005.22
4141971.34       92.24382  (12121918)
        579025.22   4141971.34       92.66741  (12121918)                579045.22
4141971.34       93.32843  (14121218)
        579065.22   4141971.34       94.31865  (14121218)                579085.22
4141971.34       93.44632  (14121218)
        579105.22   4141971.34       90.94191  (14121218)                579125.22
4141971.34       87.05542  (14121218)
        579145.22   4141971.34       81.96075  (14121218)                579165.22
4141971.34       76.11930  (14121218)
        579185.22   4141971.34       71.76355  (14020618)                578790.01
4141986.40      116.31835  (16120918)
        578810.01   4141986.40      108.16431  (14120418)                578830.01
4141986.40       97.61684  (14120418)
        578850.01   4141986.40       87.97192  (11112817)                578870.01
4141986.40       85.76339  (14103118)
        578890.01   4141986.40       89.63354  (14103118)                578910.01
4141986.40       91.45011  (14103118)
        578930.01   4141986.40       91.12832  (14103118)                578950.01
4141986.40       88.81210  (14103118)
        578970.01   4141986.40       84.60763  (14103118)                578990.01
4141986.40       86.03878  (12121918)
        579010.01   4141986.40       88.19844  (12121918)                579030.01
4141986.40       88.46333  (12121918)
        579050.01   4141986.40       89.10161  (14121218)                579070.01
4141986.40       90.07646  (14121218)
        579090.01   4141986.40       89.34583  (14121218)                579110.01
4141986.40       87.11593  (14121218)
        579130.01   4141986.40       83.50024  (14121218)                579150.01
4141986.40       78.88922  (14121218)
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP5   ***
                                  INCLUDING SOURCE(S):   BC1_2   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        578850.54   4142001.46   83.26014 (11112817)   578870.54
4142001.46   82.34725 (14103118)
        578890.54   4142001.46   85.78341 (14103118)   578910.54
4142001.46   87.33838 (14103118)
        578930.54   4142001.46   86.97126 (14103118)   578950.54
4142001.46   84.72422 (14103118)
        578970.54   4142001.46   80.78316 (14103118)   578990.54
4142001.46   81.97181 (12121918)
        579010.54   4142001.46   84.24562 (12121918)   579030.54
4142001.46   84.70748 (12121918)
        579050.54   4142001.46   84.82242 (14121218)   579070.54
4142001.46   86.06382 (14121218)
        579090.54   4142001.46   85.79034 (14121218)   579110.54
4142001.46   84.03630 (14121218)
        579130.54   4142001.46   81.02595 (14121218)   579150.54
4142001.46   76.96271 (14121218)
        579170.54   4142001.46   72.07793 (14121218)   579190.54
4142001.46   66.74135 (14020618)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	85.52188	(12010309)	578405.01	4141176.41	88.32921	(12010309)
578425.01	4141176.41	90.41800	(12010309)	578445.01	4141176.41	92.25267	(12010309)
578465.01	4141176.41	94.09947	(12010309)	578485.01	4141176.41	96.15072	(12010309)
578505.01	4141176.41	98.40517	(12010309)	578525.01	4141176.41	100.55094	(12010309)
578545.01	4141176.41	102.12041	(12010309)	578565.01	4141176.41	102.34632	(12010309)
578585.01	4141176.41	102.26772	(11122717)	578605.01	4141176.41	101.56458	(11122717)
578625.01	4141176.41	98.20144	(11122717)	578645.01	4141176.41	97.97043	(16020318)
578665.01	4141176.41	103.52829	(16020318)	578685.01	4141176.41	109.29573	(14112017)
578705.01	4141176.41	116.04545	(14112017)	578725.01	4141176.41	125.04967	(14112017)
578745.01	4141176.41	136.19894	(14112017)	578765.01	4141176.41	147.07469	(14112017)
578785.01	4141176.41	158.59029	(09012117)	578805.01	4141176.41	173.07724	(09012117)
578825.01	4141176.41	177.92326	(09012117)	578845.01	4141176.41	178.15155	(14112818)
578865.01	4141176.41	191.40639	(14121217)	578885.01	4141176.41	190.48151	(11010818)
578905.01	4141176.41	208.59582	(11010818)	578925.01	4141176.41	218.48685	(14010318)
578945.01	4141176.41	225.54506	(16120717)	578965.01	4141176.41	232.16506	(10010917)
578985.01	4141176.41	246.13570	(14122017)	579005.01	4141176.41	251.29118	(10120918)
579025.01	4141176.41	251.12754	(16112517)	579045.01	4141176.41	264.19875	(09011617)

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        579065.01   4141176.41      260.62527  (09012317)                579085.01
4141176.41      266.48899  (09012317)
        579105.01   4141176.41      269.56806  (10121417)                579125.01
4141176.41      261.23614  (11112917)
        579145.01   4141176.41      254.66732  (10010418)                579165.01
4141176.41      250.64823  (13113018)
        579185.01   4141176.41      247.06693  (12111418)                579205.01
4141176.41      246.15242  (09011017)
        579225.01   4141176.41      233.47250  (10120217)                578385.01
4141196.41       83.77144  (12010309)
        578405.01   4141196.41       88.00447  (12010309)                578425.01
4141196.41       90.94157  (12010309)
        578445.01   4141196.41       93.14332  (12010309)                578465.01
4141196.41       94.98805  (12010309)
        578485.01   4141196.41       96.89490  (12010309)                578505.01
4141196.41       99.16655  (12010309)
        578525.01   4141196.41      101.85617  (12010309)                578545.01
4141196.41      104.73307  (12010309)
        578565.01   4141196.41      107.19063  (12010309)                578585.01
4141196.41      108.44532  (12010309)
        578605.01   4141196.41      107.92539  (11122717)                578625.01
4141196.41      108.05556  (11122717)
        578645.01   4141196.41      105.44306  (11122717)                578665.01
4141196.41      103.44208  (14112017)
        578685.01   4141196.41      109.39294  (14112017)                578705.01
4141196.41      115.44230  (16020318)
        578725.01   4141196.41      122.91381  (14112017)                578745.01
4141196.41      133.98478  (14112017)
        578765.01   4141196.41      147.28240  (14112017)                578785.01
4141196.41      159.04211  (14112017)
        578805.01   4141196.41      175.03766  (09012117)                578825.01
4141196.41      188.16261  (09012117)
        578845.01   4141196.41      187.75543  (17122818)                578865.01
4141196.41      199.68929  (14121217)
        578885.01   4141196.41      203.43931  (14121217)                578905.01
4141196.41      218.38649  (11010818)
        578925.01   4141196.41      232.60549  (14010318)                578945.01
4141196.41      236.76479  (16120717)
        578965.01   4141196.41      248.18305  (16120717)                578985.01
4141196.41      262.26148  (14122017)
        579005.01   4141196.41      268.71565  (13121418)                579025.01
4141196.41      270.80213  (16110418)
        579045.01   4141196.41      283.12391  (09011617)                579065.01
4141196.41      284.72825  (09012317)
        579085.01   4141196.41      285.60609  (16010818)                579105.01
4141196.41      288.96842  (10121417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	279.78107	(11112917)	579145.01	4141196.41	270.13884	(13113018)
579165.01	4141196.41	269.00914	(12111418)	579185.01	4141196.41	264.82855	(09011017)
579205.01	4141196.41	252.01212	(10120217)	579225.01	4141196.41	246.12975	(12111417)
579245.01	4141196.41	230.17107	(12111417)	578385.01	4141216.41	79.85288	(12010309)
578405.01	4141216.41	86.02557	(12010309)	578425.01	4141216.41	90.66418	(12010309)
578445.01	4141216.41	93.91162	(12010309)	578465.01	4141216.41	96.13621	(12010309)
578485.01	4141216.41	97.94417	(12010309)	578505.01	4141216.41	99.78322	(12010309)
578525.01	4141216.41	102.21602	(12010309)	578545.01	4141216.41	105.32560	(12010309)
578565.01	4141216.41	108.94056	(12010309)	578585.01	4141216.41	112.41929	(12010309)
578605.01	4141216.41	114.80578	(12010309)	578625.01	4141216.41	115.19854	(12010309)
578645.01	4141216.41	115.37954	(11122717)	578665.01	4141216.41	113.58301	(11122717)
578685.01	4141216.41	110.18291	(14112017)	578705.01	4141216.41	115.89792	(16020318)
578725.01	4141216.41	123.05240	(16020318)	578745.01	4141216.41	130.99229	(14112017)
578765.01	4141216.41	144.92134	(14112017)	578785.01	4141216.41	160.57864	(14112017)
578805.01	4141216.41	173.24254	(09012117)	578825.01	4141216.41	193.89415	(09012117)
578845.01	4141216.41	202.99193	(09012117)	578925.01	4141216.41	246.36572	(14010318)

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        578945.01   4141216.41      248.26471  (16120717)                578965.01
4141216.41      267.03888  (16120717)
        578985.01   4141216.41      280.87701  (14122017)                579005.01
4141216.41      288.91716  (13121418)
        579025.01   4141216.41      293.09374  (16110418)                579045.01
4141216.41      303.42342  (09011617)
        579065.01   4141216.41      309.37090  (09012317)                579085.01
4141216.41      306.11409  (10121417)
        579105.01   4141216.41      304.35077  (10121417)                579125.01
4141216.41      293.51528  (10010418)
        579145.01   4141216.41      288.24224  (12111418)                579165.01
4141216.41      282.27391  (09011017)
        579185.01   4141216.41      277.86662  (09011017)                579205.01
4141216.41      265.19038  (12111417)
        579225.01   4141216.41      252.05851  (12111417)                579245.01
4141216.41      239.00346  (17121318)
        578385.01   4141236.41       74.25954  (09110418)                578405.01
4141236.41       81.55141  (12010309)
        578425.01   4141236.41       88.49416  (12010309)                578445.01
4141236.41       93.65717  (12010309)
        578465.01   4141236.41       97.18394  (12010309)                578485.01
4141236.41       99.49074  (12010309)
        578505.01   4141236.41      101.17829  (12010309)                578525.01
4141236.41      102.90437  (12010309)
        578545.01   4141236.41      105.30843  (12010309)                578565.01
4141236.41      108.78528  (12010309)
        578585.01   4141236.41      113.16828  (12010309)                578605.01
4141236.41      117.73798  (12010309)
        578625.01   4141236.41      121.51469  (12010309)                578645.01
4141236.41      123.34020  (12010309)
        578665.01   4141236.41      123.23255  (11122717)                578685.01
4141236.41      122.55172  (11122717)
        578705.01   4141236.41      117.46812  (11122717)                578725.01
4141236.41      123.50072  (16020318)
        578745.01   4141236.41      131.92159  (16020318)                578765.01
4141236.41      140.97917  (14112017)
        578785.01   4141236.41      158.48825  (14112017)                578805.01
4141236.41      176.42300  (14112017)
        578825.01   4141236.41      194.71427  (09012117)                578945.01
4141236.41      267.96948  (14010318)
        578965.01   4141236.41      287.68230  (16120717)                578985.01
4141236.41      302.04252  (14122017)
        579005.01   4141236.41      312.08532  (13121418)                579025.01
4141236.41      318.36123  (16110418)
        579045.01   4141236.41      325.43246  (13122818)                579065.01
4141236.41      333.57930  (09012317)
        579085.01   4141236.41      336.59564  (10121417)                579105.01
4141236.41      326.12813  (11112917)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	314.26418	(13113018)	579145.01	4141236.41	310.82377	(12111418)
579165.01	4141236.41	305.21972	(09011017)	579185.01	4141236.41	287.27255	(10120217)
579205.01	4141236.41	276.34437	(12111417)	579225.01	4141236.41	258.21294	(17121318)
579245.01	4141236.41	245.52649	(17121318)	578385.01	4141256.41	78.70925	(09110418)
578405.01	4141256.41	78.77045	(09110418)	578425.01	4141256.41	83.65011	(12010309)
578445.01	4141256.41	91.33130	(12010309)	578465.01	4141256.41	97.12871	(12010309)
578485.01	4141256.41	101.00428	(12010309)	578505.01	4141256.41	103.32867	(12010309)
578525.01	4141256.41	104.72617	(12010309)	578545.01	4141256.41	106.12886	(12010309)
578565.01	4141256.41	108.48667	(12010309)	578585.01	4141256.41	112.25879	(12010309)
578605.01	4141256.41	117.39641	(12010309)	578625.01	4141256.41	123.18258	(12010309)
578645.01	4141256.41	128.50845	(12010309)	578665.01	4141256.41	132.02832	(12010309)
578685.01	4141256.41	132.23371	(12010309)	578705.01	4141256.41	132.52305	(11122717)
578725.01	4141256.41	128.28497	(11122717)	578745.01	4141256.41	132.39248	(16020318)
578765.01	4141256.41	142.32719	(16020318)	578785.01	4141256.41	153.68353	(14112017)
578805.01	4141256.41	175.40138	(14112017)	578965.01	4141256.41	310.66266	(16120717)

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        578985.01   4141256.41      326.13670  (14122017)               579005.01
4141256.41      339.14834  (13121418)
        579025.01   4141256.41      349.72382  (09011617)               579045.01
4141256.41      351.79189  (13121417)
        579065.01   4141256.41      361.51696  (16010818)               579085.01
4141256.41      363.62970  (10121417)
        579105.01   4141256.41      345.56742  (11112917)               579125.01
4141256.41      339.46860  (12111418)
        579145.01   4141256.41      332.82628  (09011017)               579165.01
4141256.41      315.90950  (10120217)
        579185.01   4141256.41      303.63614  (12111417)               579205.01
4141256.41      280.40745  (11111218)
        579225.01   4141256.41      267.38473  (17121318)               579245.01
4141256.41      252.48091  (13110618)
        579265.01   4141256.41      241.03306  (15011018)               578385.01
4141276.41       82.34744  (09110418)
        578405.01   4141276.41       82.68463  (09110418)               578425.01
4141276.41       83.18711  (09110418)
        578445.01   4141276.41       85.84270  (12010309)               578465.01
4141276.41       94.54206  (12010309)
        578485.01   4141276.41      101.13031  (12010309)               578505.01
4141276.41      105.37455  (12010309)
        578525.01   4141276.41      107.62913  (12010309)               578545.01
4141276.41      108.67051  (12010309)
        578565.01   4141276.41      109.65513  (12010309)               578585.01
4141276.41      111.78520  (12010309)
        578605.01   4141276.41      115.70985  (12010309)               578625.01
4141276.41      121.59449  (12010309)
        578645.01   4141276.41      128.72440  (12010309)               578665.01
4141276.41      135.85877  (12010309)
        578685.01   4141276.41      141.32375  (12010309)               578705.01
4141276.41      143.44924  (12010309)
        578725.01   4141276.41      143.69223  (11122717)               578745.01
4141276.41      140.61422  (11122717)
        578765.01   4141276.41      143.04725  (16020318)               578785.01
4141276.41      154.74833  (16020318)
        578985.01   4141276.41      354.74869  (09013118)               579005.01
4141276.41      370.73621  (13121418)
        579025.01   4141276.41      387.53600  (09011617)               579045.01
4141276.41      391.82802  (09012317)
        579065.01   4141276.41      395.43912  (10121417)               579085.01
4141276.41      387.60322  (11112917)
        579105.01   4141276.41      373.41975  (13113018)               579125.01
4141276.41      364.39073  (12111418)
        579145.01   4141276.41      352.73289  (09011017)               579165.01
4141276.41      334.31161  (12111417)
        579185.01   4141276.41      306.82174  (11111218)               579205.01
4141276.41      292.54359  (17121318)
        579225.01   4141276.41      273.66103  (13110618)               579245.01
4141276.41      260.38295  (15011018)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141276.41	240.81033	(15011018)	578385.01	4141296.41	85.31880	(09110418)
578405.01	4141296.41	86.20799	(09110418)	578425.01	4141296.41	86.67033	(09110418)
578445.01	4141296.41	87.39640	(09110418)	578465.01	4141296.41	88.27489	(09110418)
578485.01	4141296.41	98.08092	(12010309)	578505.01	4141296.41	105.62471	(12010309)
578525.01	4141296.41	110.38450	(12010309)	578545.01	4141296.41	112.58695	(12010309)
578565.01	4141296.41	113.18630	(12010309)	578585.01	4141296.41	113.58440	(12010309)
578605.01	4141296.41	115.24060	(12010309)	578625.01	4141296.41	119.22572	(12010309)
578645.01	4141296.41	125.79942	(12010309)	578665.01	4141296.41	134.33499	(12010309)
578685.01	4141296.41	143.49982	(12010309)	578705.01	4141296.41	151.33128	(12010309)
578725.01	4141296.41	155.79676	(12010309)	578745.01	4141296.41	156.26511	(11122717)
579005.01	4141296.41	408.62312	(13121418)	579025.01	4141296.41	431.50273	(09011617)
579045.01	4141296.41	437.61409	(09012317)	579065.01	4141296.41	442.08737	(10121417)
579085.01	4141296.41	419.19401	(11112917)	579105.01	4141296.41	408.74541	(12111418)
579125.01	4141296.41	395.84783	(09011017)	579145.01	4141296.41	369.05955	(12111417)

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        579165.01   4141296.41      340.34360  (12111417)              579185.01
4141296.41      321.79719  (17121318)
        579205.01   4141296.41      298.02565  (13110618)              579225.01
4141296.41      282.38179  (15011018)
        579245.01   4141296.41      258.98406  (15011018)              579265.01
4141296.41      226.33567  (15011018)
        579285.01   4141296.41      198.53600  (09011517)              578385.01
4141316.41       88.11586  (09110418)
        578405.01   4141316.41       89.17029  (09110418)              578425.01
4141316.41       90.21658  (09110418)
        578445.01   4141316.41       90.76993  (09110418)              578465.01
4141316.41       91.48692  (09110418)
        578485.01   4141316.41       92.53410  (09110418)              578505.01
4141316.41      101.88957  (12010309)
        578525.01   4141316.41      110.69498  (12010309)              578545.01
4141316.41      116.14242  (12010309)
        578565.01   4141316.41      118.40960  (12010309)              578585.01
4141316.41      118.48547  (12010309)
        578605.01   4141316.41      118.07747  (12010309)              578625.01
4141316.41      119.01656  (12010309)
        578645.01   4141316.41      122.81912  (12010309)              578665.01
4141316.41      129.99432  (12010309)
        578685.01   4141316.41      140.06253  (12010309)              578705.01
4141316.41      151.51369  (12010309)
        578725.01   4141316.41      162.11113  (12010309)              579025.01
4141316.41      482.96312  (09011617)
        579045.01   4141316.41      486.91602  (16010818)              579065.01
4141316.41      482.63819  (10121417)
        579085.01   4141316.41      457.33659  (13113018)              579105.01
4141316.41      442.50210  (09011017)
        579125.01   4141316.41      414.31151  (10120217)              579145.01
4141316.41      383.38453  (12111417)
        579165.01   4141316.41      356.31976  (17121318)              579185.01
4141316.41      326.48617  (13110618)
        579205.01   4141316.41      307.46749  (15011018)              579225.01
4141316.41      279.59983  (15011018)
        579245.01   4141316.41      242.02596  (15011018)              579265.01
4141316.41      213.28366  (09011517)
        579285.01   4141316.41      193.80250  (09011517)              578385.01
4141336.41       90.00791  (09110418)
        578405.01   4141336.41       91.99731  (09110418)              578425.01
4141336.41       93.38186  (09110418)
        578445.01   4141336.41       94.44140  (09110418)              578465.01
4141336.41       95.29796  (09110418)
        578485.01   4141336.41       95.77726  (09110418)              578505.01
4141336.41       96.73305  (09110418)
        578525.01   4141336.41      105.98536  (12010309)              578545.01
4141336.41      116.42387  (12010309)
        578565.01   4141336.41      122.85878  (12010309)              578585.01
4141336.41      125.27354  (12010309)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578605.01	4141336.41	124.76185	(12010309)	578625.01	4141336.41	123.28118	(12010309)
578645.01	4141336.41	123.18753	(12010309)	578665.01	4141336.41	126.53758	(12010309)
578685.01	4141336.41	134.18183	(12010309)	578705.01	4141336.41	145.88117	(12010309)
579025.01	4141336.41	544.03067	(09011617)	579045.01	4141336.41	551.11044	(10121417)
579065.01	4141336.41	528.62996	(11112917)	579085.01	4141336.41	506.46329	(12111418)
579105.01	4141336.41	473.58829	(09011017)	579125.01	4141336.41	435.35986	(12111417)
579145.01	4141336.41	397.88374	(17121318)	579165.01	4141336.41	359.92922	(13110618)
579185.01	4141336.41	336.54246	(15011018)	579205.01	4141336.41	303.00747	(15011018)
579225.01	4141336.41	259.76590	(15011018)	579245.01	4141336.41	229.30560	(09011517)
579265.01	4141336.41	207.05047	(17122918)	579285.01	4141336.41	200.45619	(17122918)
578385.01	4141356.41	89.70732	(09110418)	578405.01	4141356.41	93.44090	(09110418)
578425.01	4141356.41	96.28044	(09110418)	578445.01	4141356.41	98.17565	(09110418)
578465.01	4141356.41	99.36551	(09110418)	578485.01	4141356.41	100.26473	(09110418)
578505.01	4141356.41	100.72959	(09110418)	578525.01	4141356.41	101.25798	(09110418)

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        578545.01   4141356.41      110.38066  (12010309)              578565.01
4141356.41      122.88604  (12010309)
        578585.01   4141356.41      130.69287  (12010309)              578605.01
4141356.41      133.49636  (12010309)
        578625.01   4141356.41      132.30254  (12010309)              578645.01
4141356.41      129.45451  (12010309)
        578665.01   4141356.41      127.97705  (12010309)              578685.01
4141356.41      130.50236  (12010309)
        579025.01   4141356.41      619.20169  (09012317)              579045.01
4141356.41      635.83988  (10121417)
        579065.01   4141356.41      585.86537  (13113018)              579085.01
4141356.41      553.57888  (09011017)
        579105.01   4141356.41      499.49015  (12111417)              579125.01
4141356.41      448.94968  (17121318)
        579145.01   4141356.41      399.90232  (13110618)              579165.01
4141356.41      370.17245  (15011018)
        579185.01   4141356.41      330.00798  (15011018)              579205.01
4141356.41      280.00758  (15011018)
        579225.01   4141356.41      246.72137  (09011517)              579245.01
4141356.41      227.26628  (17122918)
        579265.01   4141356.41      216.51861  (17122918)              579285.01
4141356.41      208.04254  (14011818)
        579305.01   4141356.41      198.56935  (14011818)              578385.01
4141376.41       92.17010  (16030918)
        578405.01   4141376.41       93.38007  (16030918)              578425.01
4141376.41       96.68449  (09110418)
        578445.01   4141376.41      100.69402  (09110418)              578465.01
4141376.41      103.49561  (09110418)
        578485.01   4141376.41      105.14107  (09110418)              578505.01
4141376.41      106.05423  (09110418)
        578525.01   4141376.41      106.52766  (09110418)              578545.01
4141376.41      106.54207  (09110418)
        578565.01   4141376.41      114.99415  (12010309)              578585.01
4141376.41      130.16668  (12010309)
        578605.01   4141376.41      139.93781  (12010309)              578625.01
4141376.41      143.38329  (12010309)
        578645.01   4141376.41      141.47483  (12010309)              578665.01
4141376.41      137.65067  (11122717)
        578685.01   4141376.41      133.66217  (12010309)              579005.01
4141376.41      690.17757  (09011617)
        579025.01   4141376.41      741.68643  (16010818)              579045.01
4141376.41      710.91900  (11112917)
        579065.01   4141376.41      653.35526  (09011017)              579085.01
4141376.41      582.90699  (12111417)
        579105.01   4141376.41      513.91704  (17121318)              579125.01
4141376.41      448.52296  (17121318)
        579145.01   4141376.41      409.66583  (15011018)              579165.01
4141376.41      361.39554  (15011018)
        579185.01   4141376.41      303.58855  (15011018)              579205.01
4141376.41      265.85519  (09011517)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141376.41	248.58418	(17122918)	579245.01	4141376.41	236.17746	(14011818)
579265.01	4141376.41	225.52265	(14011818)	579285.01	4141376.41	211.82472	(14011818)
579305.01	4141376.41	198.49717	(17120218)	578385.01	4141396.41	95.03696	(16030918)
578405.01	4141396.41	97.26571	(16030918)	578425.01	4141396.41	99.00301	(16030918)
578445.01	4141396.41	100.35884	(16030918)	578465.01	4141396.41	104.93776	(09110418)
578485.01	4141396.41	109.20670	(09110418)	578505.01	4141396.41	111.88040	(09110418)
578525.01	4141396.41	113.42361	(09110418)	578545.01	4141396.41	113.54507	(09110418)
578565.01	4141396.41	113.25874	(09110418)	578585.01	4141396.41	119.66773	(12010309)
578605.01	4141396.41	138.28334	(12010309)	578625.01	4141396.41	150.74701	(12010309)
578645.01	4141396.41	155.36064	(12010309)	578665.01	4141396.41	152.82267	(12010309)
579005.01	4141396.41	860.38163	(09011617)	579025.01	4141396.41	917.25829	(10121417)
579045.01	4141396.41	815.34144	(12111418)	579065.01	4141396.41	711.18385	(10120217)
579085.01	4141396.41	601.55113	(17121318)	579105.01	4141396.41	513.97629	(17121318)
579125.01	4141396.41	456.87817	(15011018)	579145.01	4141396.41	398.72104	(15011018)

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        579165.01   4141396.41      331.56163  (15011018)              579185.01
4141396.41      288.03612  (17122918)
        579205.01   4141396.41      271.06621  (17122918)              579225.01
4141396.41      258.75432  (14011818)
        579245.01   4141396.41      242.99748  (14011818)              579265.01
4141396.41      224.97412  (17120218)
        579285.01   4141396.41      214.53226  (17120218)              579305.01
4141396.41      202.12628  (17120218)
        578385.01   4141416.41      101.66041  (14120118)              578405.01
4141416.41      102.40426  (14120118)
        578425.01   4141416.41      103.18564  (14120118)              578445.01
4141416.41      105.00132  (16030918)
        578465.01   4141416.41      107.09206  (16030918)              578485.01
4141416.41      108.62537  (16030918)
        578505.01   4141416.41      114.85518  (09110418)              578525.01
4141416.41      119.41372  (09110418)
        578545.01   4141416.41      122.01217  (09110418)              578565.01
4141416.41      122.66887  (09110418)
        578585.01   4141416.41      122.09835  (09110418)              578605.01
4141416.41      124.29592  (12010309)
        578625.01   4141416.41      147.31727  (12010309)              578645.01
4141416.41      163.46705  (12010309)
        578665.01   4141416.41      169.95358  (12010309)              579025.01
4141416.41     1144.13550  (10121417)
        579045.01   4141416.41      918.67910  (09011017)              579065.01
4141416.41      733.23371  (17121318)
        579085.01   4141416.41      599.81099  (17121318)              579105.01
4141416.41      514.55626  (15011018)
        579125.01   4141416.41      444.39681  (15011018)              579145.01
4141416.41      365.73708  (15011018)
        579165.01   4141416.41      318.73512  (17122918)              579185.01
4141416.41      300.22550  (14011818)
        579205.01   4141416.41      282.08288  (14011818)              579225.01
4141416.41      260.49956  (14011818)
        579245.01   4141416.41      244.75905  (17120218)              579265.01
4141416.41      229.56619  (17120218)
        579285.01   4141416.41      212.56181  (17120218)              579305.01
4141416.41      199.38168  (17112018)
        578385.01   4141436.41      109.46708  (14120118)              578405.01
4141436.41      110.64735  (14120118)
        578425.01   4141436.41      111.70653  (14120118)              578445.01
4141436.41      112.71564  (14120118)
        578465.01   4141436.41      113.68810  (14120118)              578485.01
4141436.41      114.73059  (14120118)
        578505.01   4141436.41      116.86148  (16030918)              578525.01
4141436.41      119.95092  (09110418)
        578545.01   4141436.41      127.21153  (09110418)              578565.01
4141436.41      131.97786  (09110418)
        578585.01   4141436.41      134.22023  (09110418)              578605.01
4141436.41      134.00865  (09110418)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578625.01	4141436.41	132.15415	(09110418)	578645.01	4141436.41	157.30025	(12010309)
579025.01	4141436.41	1405.90380	(11010718)	579045.01	4141436.41	994.14468	(10120217)
579065.01	4141436.41	720.31248	(17121318)	579085.01	4141436.41	588.41929	(15011018)
579105.01	4141436.41	502.86809	(15011018)	579125.01	4141436.41	408.75570	(15011018)
579145.01	4141436.41	354.16104	(14011818)	579165.01	4141436.41	332.34841	(14011818)
579185.01	4141436.41	307.20037	(14011818)	579205.01	4141436.41	283.06801	(17120218)
579225.01	4141436.41	264.35524	(17120218)	579245.01	4141436.41	243.35330	(17120218)
579265.01	4141436.41	226.46376	(17112018)	579285.01	4141436.41	214.81066	(17112018)
579305.01	4141436.41	202.09406	(17112018)	579325.01	4141436.41	188.64722	(17112018)
578385.01	4141456.41	116.23853	(14120118)	578405.01	4141456.41	118.42360	(14120118)
578425.01	4141456.41	120.31937	(14120118)	578445.01	4141456.41	121.97088	(14120118)
578465.01	4141456.41	123.35670	(14120118)	578485.01	4141456.41	124.56959	(14120118)
578505.01	4141456.41	125.54941	(14120118)	578525.01	4141456.41	126.68376	(14120118)
578545.01	4141456.41	129.13748	(16030918)	578565.01	4141456.41	134.30739	(09110418)

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        578585.01   4141456.41      142.95188  (09110418)              578605.01
4141456.41      148.11547  (09110418)
        578625.01   4141456.41      149.61162  (09110418)              578645.01
4141456.41      147.87204  (09110418)
        579045.01   4141456.41      903.34473  (17121318)              579065.01
4141456.41      691.70962  (15011018)
        579085.01   4141456.41      582.99835  (15011018)              579105.01
4141456.41      464.51340  (15011018)
        579125.01   4141456.41      400.41652  (14011818)              579145.01
4141456.41      370.00179  (14011818)
        579165.01   4141456.41      335.29297  (14011818)              579185.01
4141456.41      310.34399  (17120218)
        579205.01   4141456.41      283.83789  (17120218)              579225.01
4141456.41      260.57927  (17112018)
        579245.01   4141456.41      244.97343  (17112018)              579265.01
4141456.41      228.12285  (17112018)
        578385.01   4141476.41      119.78496  (14120118)              578405.01
4141476.41      123.69140  (14120118)
        578425.01   4141476.41      127.27916  (14120118)              578445.01
4141476.41      130.49159  (14120118)
        578465.01   4141476.41      133.33012  (14120118)              578485.01
4141476.41      135.75658  (14120118)
        578505.01   4141476.41      137.63855  (14120118)              578525.01
4141476.41      139.25605  (14120118)
        578545.01   4141476.41      140.23575  (14120118)              578565.01
4141476.41      141.17631  (14120118)
        578585.01   4141476.41      145.21574  (16030918)              578605.01
4141476.41      153.05479  (09110418)
        578625.01   4141476.41      163.45606  (09110418)              578645.01
4141476.41      169.11800  (09110418)
        579065.01   4141476.41      702.02614  (15011018)              579085.01
4141476.41      539.18148  (15011018)
        579105.01   4141476.41      460.76019  (14011818)              579125.01
4141476.41      416.22221  (14011818)
        579145.01   4141476.41      374.75141  (17120218)              579165.01
4141476.41      340.16570  (17120218)
        579185.01   4141476.41      306.13618  (17112018)              579205.01
4141476.41      284.60346  (17112018)
        579225.01   4141476.41      261.58364  (17112018)              578385.01
4141496.41      117.27703  (14120118)
        578405.01   4141496.41      123.19788  (14120118)              578425.01
4141496.41      129.00301  (14120118)
        578445.01   4141496.41      134.61985  (14120118)              578465.01
4141496.41      139.96583  (14120118)
        578485.01   4141496.41      144.95881  (14120118)              578505.01
4141496.41      149.35436  (14120118)
        578525.01   4141496.41      153.30432  (14120118)              578545.01
4141496.41      156.20179  (14120118)
        578565.01   4141496.41      158.46855  (14120118)              578585.01
4141496.41      160.01457  (14120118)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578605.01	4141496.41	160.89232	(14120118)	578625.01	4141496.41	166.96208	(16030918)
578645.01	4141496.41	178.31291	(09110418)	579085.01	4141496.41	540.07547	(14011818)
579105.01	4141496.41	474.69901	(14011818)	579125.01	4141496.41	424.08044	(17120218)
579145.01	4141496.41	371.97096	(17112018)	579165.01	4141496.41	340.46474	(17112018)
579185.01	4141496.41	307.06530	(17112018)	579205.01	4141496.41	273.51977	(17112018)
578385.01	4141516.41	116.49095	(12010417)	578405.01	4141516.41	119.13579	(12010417)
578425.01	4141516.41	121.95639	(17020418)	578445.01	4141516.41	129.85628	(14120118)
578465.01	4141516.41	137.95858	(14120118)	578485.01	4141516.41	146.11968	(14120118)
578505.01	4141516.41	154.13096	(14120118)	578525.01	4141516.41	162.05680	(14120118)
578545.01	4141516.41	169.14062	(14120118)	578565.01	4141516.41	175.69911	(14120118)
578585.01	4141516.41	181.25140	(14120118)	578605.01	4141516.41	185.64634	(14120118)
578625.01	4141516.41	188.67618	(14120118)	578645.01	4141516.41	190.37946	(14120118)
579085.01	4141516.41	564.30474	(17120218)	579105.01	4141516.41	485.04997	(17120218)
579125.01	4141516.41	426.86461	(17112018)	579145.01	4141516.41	373.58870	(17112018)

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        579165.01   4141516.41      322.34216  (17112018)              578385.01
4141536.41      123.24805  (12010417)
        578405.01   4141536.41      127.23407  (12010417)              578425.01
4141536.41      131.32550  (12010417)
        578445.01   4141536.41      135.47083  (12010417)              578465.01
4141536.41      139.57928  (12010417)
        578485.01   4141536.41      143.70688  (12010417)              578505.01
4141536.41      147.74284  (12010417)
        578525.01   4141536.41      156.82088  (14120118)              578545.01
4141536.41      168.51885  (14120118)
        578565.01   4141536.41      180.70065  (14120118)              578585.01
4141536.41      192.78370  (14120118)
        578605.01   4141536.41      204.45363  (14120118)              578625.01
4141536.41      215.34064  (14120118)
        578645.01   4141536.41      224.88961  (14120118)              578665.01
4141536.41      232.46532  (14120118)
        579105.01   4141536.41      483.47876  (17112018)              579125.01
4141536.41      411.95723  (10120118)
        579185.01   4141536.41      293.95813  (10122318)              578385.01
4141556.41      131.17696  (13012417)
        578405.01   4141556.41      135.10344  (13012417)              578425.01
4141556.41      139.18794  (13012417)
        578445.01   4141556.41      143.47516  (13012417)              578465.01
4141556.41      147.94028  (13012417)
        578485.01   4141556.41      152.78054  (12010417)              578505.01
4141556.41      159.55359  (12010417)
        578525.01   4141556.41      166.84027  (12010417)              578545.01
4141556.41      173.88636  (12010417)
        578565.01   4141556.41      181.45754  (12010417)              578585.01
4141556.41      189.16564  (12010417)
        578605.01   4141556.41      198.46122  (14120118)              578625.01
4141556.41      218.03962  (14120118)
        578645.01   4141556.41      238.61273  (14120118)              578665.01
4141556.41      259.67091  (14120118)
        578685.01   4141556.41      280.51048  (14120118)              579165.01
4141556.41      315.94670  (10122318)
        579185.01   4141556.41      287.13225  (11112918)              579205.01
4141556.41      263.03236  (11112918)
        578385.01   4141576.41      138.29864  (13012417)              578405.01
4141576.41      143.41768  (13012417)
        578425.01   4141576.41      148.89342  (13012417)              578445.01
4141576.41      154.74386  (13012417)
        578465.01   4141576.41      160.98399  (13012417)              578485.01
4141576.41      167.68515  (13012417)
        578505.01   4141576.41      174.91194  (13012417)              578525.01
4141576.41      182.81531  (13012417)
        578545.01   4141576.41      191.02810  (13012417)              578565.01
4141576.41      200.04045  (13012417)
        578585.01   4141576.41      209.81673  (13012417)              578605.01
4141576.41      220.43638  (13012417)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578625.01	4141576.41	232.03611	(13012417)	578645.01	4141576.41	246.22788	(12010417)
578665.01	4141576.41	264.08232	(12010417)	578685.01	4141576.41	283.54744	(12010417)
578705.01	4141576.41	310.11176	(14120118)	579145.01	4141576.41	326.68937	(11112918)
579165.01	4141576.41	291.92799	(11112918)	579185.01	4141576.41	263.26212	(11112918)
579205.01	4141576.41	239.18387	(11112918)	579225.01	4141576.41	218.63766	(11112918)
579245.01	4141576.41	200.88604	(11112918)	579265.01	4141576.41	185.39831	(11112918)
578385.01	4141596.41	136.17504	(13012417)	578405.01	4141596.41	141.95594	(13012417)
578425.01	4141596.41	148.18944	(13012417)	578445.01	4141596.41	154.97856	(13012417)
578465.01	4141596.41	162.35830	(13012417)	578485.01	4141596.41	170.43345	(13012417)
578505.01	4141596.41	179.37420	(13012417)	578525.01	4141596.41	189.26513	(13012417)
578545.01	4141596.41	200.02490	(13012417)	578565.01	4141596.41	212.15578	(13012417)
578585.01	4141596.41	225.66753	(13012417)	578605.01	4141596.41	240.88633	(13012417)
578625.01	4141596.41	258.23992	(13012417)	578645.01	4141596.41	278.19765	(13012417)
578665.01	4141596.41	301.48721	(13012417)	578685.01	4141596.41	328.74825	(13012417)

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        578705.01   4141596.41      361.06247  (13012417)              578725.01
4141596.41      400.78750  (13012417)
        578745.01   4141596.41      450.90786  (13012417)              579105.01
4141596.41      339.10751  (16011318)
        579145.01   4141596.41      276.52631  (16011318)              579165.01
4141596.41      252.75559  (16011318)
        579185.01   4141596.41      232.77816  (16011318)              579205.01
4141596.41      215.75813  (16011318)
        579225.01   4141596.41      201.10120  (16011318)              579245.01
4141596.41      188.28899  (16011318)
        579265.01   4141596.41      176.95784  (16011318)              579285.01
4141596.41      166.78188  (16011318)
        579305.01   4141596.41      157.62510  (16011318)              579325.01
4141596.41      149.24349  (16011318)
        579345.01   4141596.41      141.51419  (16011318)              578385.01
4141616.41      127.34079  (17121418)
        578405.01   4141616.41      132.66639  (17121418)              578425.01
4141616.41      138.44595  (17121418)
        578445.01   4141616.41      144.72223  (17121418)              578465.01
4141616.41      151.58225  (17121418)
        578485.01   4141616.41      159.12878  (17121418)              578505.01
4141616.41      167.48835  (17121418)
        578525.01   4141616.41      176.84738  (17121418)              578545.01
4141616.41      187.06705  (17121418)
        578565.01   4141616.41      198.66148  (17121418)              578585.01
4141616.41      211.71588  (17121418)
        578605.01   4141616.41      226.53919  (17121418)              578625.01
4141616.41      243.54781  (17121418)
        578645.01   4141616.41      263.16131  (17121418)              578665.01
4141616.41      286.16490  (17121418)
        578685.01   4141616.41      313.49751  (17121418)              578705.01
4141616.41      346.25044  (17121418)
        578725.01   4141616.41      385.98258  (17121418)              578745.01
4141616.41      435.53685  (17121418)
        579065.01   4141616.41      415.39966  (13012318)              579085.01
4141616.41      342.38823  (11121618)
        579105.01   4141616.41      309.87549  (16011318)              579125.01
4141616.41      285.68249  (16011318)
        579165.01   4141616.41      246.04878  (16011318)              579185.01
4141616.41      229.51180  (16011318)
        579205.01   4141616.41      214.79678  (16011318)              579225.01
4141616.41      201.71774  (16011318)
        579245.01   4141616.41      190.00498  (16011318)              579265.01
4141616.41      179.46608  (16011318)
        579285.01   4141616.41      169.87066  (16011318)              579305.01
4141616.41      161.23998  (16011318)
        579325.01   4141616.41      153.33031  (16011318)              579345.01
4141616.41      146.01041  (16011318)
        578385.01   4141636.41      123.96857  (10012218)              578405.01
4141636.41      128.97066  (10012218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578425.01	4141636.41	134.34778	(10012218)	578445.01	4141636.41	140.17811	(10012218)
578465.01	4141636.41	146.50936	(10012218)	578485.01	4141636.41	153.35845	(10012218)
578505.01	4141636.41	160.91190	(10012218)	578525.01	4141636.41	169.25312	(10012218)
578545.01	4141636.41	178.31227	(10012218)	578565.01	4141636.41	188.43766	(10012218)
578585.01	4141636.41	199.74767	(10012218)	578605.01	4141636.41	212.24654	(10012218)
578625.01	4141636.41	226.11140	(10012218)	578645.01	4141636.41	241.70935	(10012218)
578665.01	4141636.41	259.16475	(10012218)	578685.01	4141636.41	279.00494	(10012218)
578705.01	4141636.41	301.32609	(10012218)	578725.01	4141636.41	325.79914	(10012218)
579045.01	4141636.41	461.39623	(14121218)	579065.01	4141636.41	360.74282	(14020618)
579085.01	4141636.41	321.54422	(13012318)	579105.01	4141636.41	278.57530	(16011318)
579125.01	4141636.41	258.43265	(16011318)	579165.01	4141636.41	227.12176	(16011318)
579185.01	4141636.41	214.35301	(16011318)	579205.01	4141636.41	202.81725	(16011318)
579225.01	4141636.41	192.35991	(16011318)	579245.01	4141636.41	182.78645	(16011318)
579265.01	4141636.41	173.99465	(16011318)	579285.01	4141636.41	165.87443	(16011318)

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        579305.01   4141636.41      158.41205  (16011318)              579325.01
4141636.41      151.49475  (16011318)
        579345.01   4141636.41      145.06470  (16011318)              578385.01
4141656.41      118.98426  (10012218)
        578405.01   4141656.41      123.02328  (10012218)              578425.01
4141656.41      127.24349  (10012218)
        578445.01   4141656.41      131.73622  (10012218)              578465.01
4141656.41      136.56506  (10012218)
        578485.01   4141656.41      141.57367  (10012218)              578505.01
4141656.41      147.00283  (10012218)
        578525.01   4141656.41      152.53098  (10012218)              578545.01
4141656.41      158.40585  (10012218)
        578565.01   4141656.41      164.58704  (10012218)              578585.01
4141656.41      171.04989  (10012218)
        578605.01   4141656.41      178.32109  (15102718)              578625.01
4141656.41      198.51198  (15102718)
        578645.01   4141656.41      221.85004  (15102718)              578665.01
4141656.41      248.89417  (15102718)
        578685.01   4141656.41      280.19693  (15102718)              578705.01
4141656.41      325.30658  (16120718)
        578725.01   4141656.41      385.15824  (16120718)              579005.01
4141656.41      474.24099  (12121918)
        579025.01   4141656.41      464.24641  (14121218)              579045.01
4141656.41      420.34464  (14121218)
        579065.01   4141656.41      335.10428  (14020618)              579085.01
4141656.41      287.44675  (13012318)
        579105.01   4141656.41      263.72166  (13012318)              579125.01
4141656.41      232.84043  (17010418)
        579145.01   4141656.41      221.23354  (11121618)              579185.01
4141656.41      197.74064  (09012218)
        579205.01   4141656.41      188.25387  (09012218)              579225.01
4141656.41      178.79589  (09012218)
        579245.01   4141656.41      170.24740  (17010418)              579265.01
4141656.41      162.63966  (17010418)
        579285.01   4141656.41      155.45030  (17010418)              579305.01
4141656.41      148.65154  (17010418)
        579325.01   4141656.41      143.03877  (16011318)              579345.01
4141656.41      137.97844  (16011318)
        578385.01   4141676.41      104.00183  (10012218)              578405.01
4141676.41      106.20749  (10012218)
        578425.01   4141676.41      108.40120  (10012218)              578445.01
4141676.41      110.60664  (10012218)
        578465.01   4141676.41      112.82237  (10012218)              578485.01
4141676.41      121.82539  (15102718)
        578505.01   4141676.41      132.67419  (15102718)              578525.01
4141676.41      144.48647  (15102718)
        578545.01   4141676.41      157.57150  (15102718)              578565.01
4141676.41      172.03049  (15102718)
        578585.01   4141676.41      187.98248  (15102718)              578605.01
4141676.41      205.40220  (15102718)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578625.01	4141676.41	224.27335	(15102718)	578645.01	4141676.41	254.42444	(16120718)
578665.01	4141676.41	291.10244	(16120718)	578685.01	4141676.41	331.39698	(16120718)
578705.01	4141676.41	373.36986	(16120718)	578985.01	4141676.41	447.59117	(14103118)
579005.01	4141676.41	402.01551	(12121918)	579025.01	4141676.41	395.11380	(14121218)
579045.01	4141676.41	379.52257	(14121218)	579065.01	4141676.41	305.86053	(14121218)
579085.01	4141676.41	267.04836	(14020618)	579105.01	4141676.41	244.17878	(13012318)
579125.01	4141676.41	223.82144	(13012318)	579145.01	4141676.41	209.34416	(09012218)
579165.01	4141676.41	198.42221	(09012218)	579185.01	4141676.41	189.34303	(09012218)
579205.01	4141676.41	181.35250	(09012218)	579225.01	4141676.41	173.83652	(09012218)
579245.01	4141676.41	166.47732	(09012218)	579265.01	4141676.41	159.19275	(09012218)
579285.01	4141676.41	151.88703	(09012218)	579305.01	4141676.41	144.51759	(09012218)
579325.01	4141676.41	138.56254	(17010418)	579345.01	4141676.41	133.65052	(17010418)
578385.01	4141696.41	95.93623	(15102718)	578405.01	4141696.41	103.50597	(15102718)
578425.01	4141696.41	111.67034	(15102718)	578445.01	4141696.41	120.46655	(15102718)

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        578465.01   4141696.41      129.83978  (15102718)               578485.01
4141696.41      139.82780  (15102718)
        578505.01   4141696.41      150.60266  (15102718)               578525.01
4141696.41      161.95896  (15102718)
        578565.01   4141696.41      185.97310  (15102718)               578585.01
4141696.41      208.66403  (16120718)
        578605.01   4141696.41      233.69602  (16120718)               578625.01
4141696.41      260.57107  (16120718)
        578645.01   4141696.41      288.42466  (16120718)               578665.01
4141696.41      315.32880  (16120718)
        578685.01   4141696.41      338.76706  (16120718)               578945.01
4141696.41      439.73398  (14103118)
        578965.01   4141696.41      429.18543  (14103118)               578985.01
4141696.41      382.90543  (14103118)
        579005.01   4141696.41      348.20349  (12121918)               579025.01
4141696.41      344.66736  (12121918)
        579045.01   4141696.41      341.27036  (14121218)               579065.01
4141696.41      295.77064  (14121218)
        579085.01   4141696.41      252.64547  (14020618)               579105.01
4141696.41      216.99802  (13012318)
        579125.01   4141696.41      212.34353  (13012318)               579145.01
4141696.41      196.07101  (09012218)
        579165.01   4141696.41      187.56076  (09012218)               579185.01
4141696.41      179.79377  (09012218)
        579205.01   4141696.41      172.95040  (09012218)               579225.01
4141696.41      166.70219  (09012218)
        579245.01   4141696.41      160.82266  (09012218)               579265.01
4141696.41      155.09304  (09012218)
        579285.01   4141696.41      149.40806  (09012218)               579305.01
4141696.41      143.67539  (09012218)
        579325.01   4141696.41      137.86210  (09012218)               579345.01
4141696.41      131.91630  (09012218)
        578385.01   4141716.41      109.55790  (15102718)               578405.01
4141716.41      117.01915  (15102718)
        578425.01   4141716.41      124.84428  (15102718)               578445.01
4141716.41      132.93688  (15102718)
        578465.01   4141716.41      141.16032  (15102718)               578485.01
4141716.41      149.49086  (15102718)
        578505.01   4141716.41      158.84805  (16120718)               578525.01
4141716.41      176.17636  (16120718)
        578605.01   4141716.41      252.83519  (16120718)               578625.01
4141716.41      270.07273  (16120718)
        578645.01   4141716.41      283.55673  (16120718)               578665.01
4141716.41      291.97756  (09122918)
        578685.01   4141716.41      314.33190  (10122417)               578905.01
4141716.41      532.78150  (16120918)
        578925.01   4141716.41      428.68127  (11112817)               578945.01
4141716.41      388.15539  (14103118)
        578965.01   4141716.41      376.44602  (14103118)               578985.01
4141716.41      333.64089  (14103118)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579005.01	4141716.41	307.18620	(12121918)	579025.01	4141716.41	309.36981	(12121918)
579045.01	4141716.41	306.93287	(14121218)	579065.01	4141716.41	280.84504	(14121218)
579085.01	4141716.41	233.06049	(14020618)	579105.01	4141716.41	212.34842	(14020618)
579125.01	4141716.41	194.31969	(13012318)	579145.01	4141716.41	187.81807	(13012318)
579165.01	4141716.41	172.92326	(17112518)	579185.01	4141716.41	166.86977	(17112518)
579205.01	4141716.41	162.24554	(17112518)	579225.01	4141716.41	157.85234	(17112518)
579245.01	4141716.41	152.93012	(17112518)	579265.01	4141716.41	147.97513	(09012218)
579285.01	4141716.41	143.82791	(09012218)	579305.01	4141716.41	139.58063	(09012218)
579325.01	4141716.41	135.23229	(09012218)	579345.01	4141716.41	130.73674	(09012218)
578385.01	4141736.41	118.22487	(15102718)	578405.01	4141736.41	124.44912	(15102718)
578425.01	4141736.41	130.53920	(15102718)	578445.01	4141736.41	137.77072	(16120718)
578465.01	4141736.41	151.41195	(16120718)	578485.01	4141736.41	165.77664	(16120718)
578505.01	4141736.41	180.75019	(16120718)	578625.01	4141736.41	252.55388	(09122918)
578645.01	4141736.41	269.25811	(10122417)	578665.01	4141736.41	291.32132	(12111618)

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        578865.01   4141736.41      603.25150  (09112618)              578885.01
4141736.41      540.39867  (09112618)
        578905.01   4141736.41      423.95547  (14120418)              578925.01
4141736.41      360.10498  (11112817)
        578945.01   4141736.41      348.89534  (14103118)              578965.01
4141736.41      335.08523  (14103118)
        578985.01   4141736.41      294.89506  (14103118)              579005.01
4141736.41      275.42734  (12121918)
        579025.01   4141736.41      280.00338  (12121918)              579045.01
4141736.41      277.15776  (14121218)
        579065.01   4141736.41      263.75707  (14121218)              579085.01
4141736.41      222.63740  (14121218)
        579105.01   4141736.41      203.35112  (14020618)              579125.01
4141736.41      180.98644  (17112518)
        579145.01   4141736.41      175.79163  (13012318)              579165.01
4141736.41      168.19858  (13012318)
        579185.01   4141736.41      160.36656  (17112518)              579205.01
4141736.41      155.31751  (17112518)
        579225.01   4141736.41      151.13813  (17112518)              579245.01
4141736.41      147.23660  (17112518)
        579265.01   4141736.41      143.07278  (17112518)              579285.01
4141736.41      138.27299  (17112518)
        579305.01   4141736.41      132.63275  (17112518)              579325.01
4141736.41      129.37428  (09012218)
        579345.01   4141736.41      126.31162  (09012218)              578385.01
4141756.41      120.93728  (16120718)
        578405.01   4141756.41      132.12641  (16120718)              578425.01
4141756.41      143.71670  (16120718)
        578445.01   4141756.41      155.52999  (16120718)              578465.01
4141756.41      167.28147  (16120718)
        578485.01   4141756.41      178.73079  (16120718)              578845.01
4141756.41      533.18999  (12112718)
        578865.01   4141756.41      519.25763  (09112618)              578885.01
4141756.41      436.13876  (16120918)
        578905.01   4141756.41      361.09120  (11112817)              578925.01
4141756.41      324.23663  (14103118)
        578945.01   4141756.41      317.21655  (14103118)              578965.01
4141756.41      301.60319  (14103118)
        578985.01   4141756.41      263.65742  (14103118)              579005.01
4141756.41      250.51571  (12121918)
        579025.01   4141756.41      255.51459  (12121918)              579045.01
4141756.41      252.01573  (14121218)
        579065.01   4141756.41      246.31834  (14121218)              579085.01
4141756.41      217.93890  (14121218)
        579105.01   4141756.41      191.38013  (14020618)              579125.01
4141756.41      176.52631  (14020618)
        579145.01   4141756.41      162.58124  (13012318)              579165.01
4141756.41      160.32172  (13012318)
        579185.01   4141756.41      152.22341  (17112518)              579205.01
4141756.41      148.27237  (17112518)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141756.41	144.56488	(17112518)	579245.01	4141756.41	141.18679	(17112518)
579265.01	4141756.41	137.93166	(17112518)	579285.01	4141756.41	134.47449	(17112518)
579305.01	4141756.41	130.53328	(17112518)	579325.01	4141756.41	125.89543	(17112518)
579345.01	4141756.41	120.51512	(17112518)	578385.01	4141776.41	135.85515	(16120718)
578405.01	4141776.41	145.50924	(16120718)	578425.01	4141776.41	154.75111	(16120718)
578445.01	4141776.41	163.29509	(16120718)	578465.01	4141776.41	170.74155	(16120718)
578485.01	4141776.41	176.55991	(16120718)	578825.01	4141776.41	471.23021	(12112718)
578845.01	4141776.41	471.91577	(09112618)	578865.01	4141776.41	435.64889	(09112618)
578885.01	4141776.41	361.66146	(14120418)	578905.01	4141776.41	313.93290	(11112817)
578925.01	4141776.41	296.51169	(14103118)	578945.01	4141776.41	290.68730	(14103118)
578965.01	4141776.41	273.89433	(14103118)	578985.01	4141776.41	237.99983	(14103118)
579005.01	4141776.41	230.64990	(12121918)	579025.01	4141776.41	235.06099	(12121918)
579045.01	4141776.41	231.16514	(14121218)	579065.01	4141776.41	229.72914	(14121218)
579085.01	4141776.41	210.70855	(14121218)	579105.01	4141776.41	178.75325	(14020618)

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        579125.01   4141776.41      170.79633  (14020618)               579145.01
4141776.41      152.79546  (14020618)
        579165.01   4141776.41      150.80551  (13012318)               579185.01
4141776.41      147.13156  (13012318)
        579205.01   4141776.41      138.70727  (13012318)               579225.01
4141776.41      136.31987  (17112518)
        579245.01   4141776.41      134.12033  (17112518)               579265.01
4141776.41      131.83847  (17112518)
        579285.01   4141776.41      129.38047  (17112518)               579305.01
4141776.41      126.65559  (17112518)
        579325.01   4141776.41      123.44684  (17112518)               579345.01
4141776.41      119.68389  (17112518)
        578405.01   4141796.41      149.50614  (16120718)               578425.01
4141796.41      154.63385  (16120718)
        578445.01   4141796.41      158.17846  (16120718)               578465.01
4141796.41      161.12583  (16011818)
        578805.01   4141796.41      412.94570  (12112718)               578825.01
4141796.41      422.53803  (12112718)
        578845.01   4141796.41      420.16767  (09112618)               578865.01
4141796.41      368.33283  (16120918)
        578885.01   4141796.41      307.76286  (11112817)               578905.01
4141796.41      273.80247  (11112817)
        578925.01   4141796.41      273.26345  (14103118)               578945.01
4141796.41      267.94684  (14103118)
        578965.01   4141796.41      250.49025  (14103118)               578985.01
4141796.41      216.56288  (14103118)
        579005.01   4141796.41      214.52561  (12121918)               579025.01
4141796.41      217.89402  (12121918)
        579045.01   4141796.41      214.09816  (14121218)               579065.01
4141796.41      214.60850  (14121218)
        579085.01   4141796.41      202.14788  (14121218)               579105.01
4141796.41      174.84777  (14121218)
        579125.01   4141796.41      163.23503  (14020618)               579145.01
4141796.41      151.39505  (14020618)
        579165.01   4141796.41      141.73931  (13012318)               579185.01
4141796.41      140.36878  (13012318)
        579205.01   4141796.41      135.83686  (13012318)               579225.01
4141796.41      128.99091  (11121618)
        579245.01   4141796.41      127.10019  (11121618)               579265.01
4141796.41      125.08010  (11121618)
        579285.01   4141796.41      122.98608  (11121618)               579305.01
4141796.41      121.26190  (17112518)
        579325.01   4141796.41      119.30059  (17112518)               579345.01
4141796.41      116.87087  (17112518)
        578445.01   4141816.41      153.43873  (09122918)               578585.01
4141816.41      232.10259  (12111618)
        578605.01   4141816.41      247.81878  (09121117)               578665.01
4141816.41      281.59725  (12010318)
        578685.01   4141816.41      304.64759  (11112818)               578785.01
4141816.41      359.94912  (12112718)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578805.01	4141816.41	387.83380	(12112718)	578825.01	4141816.41	388.26282	(09112618)
578845.01	4141816.41	363.38343	(09112618)	578865.01	4141816.41	315.01734	(14120418)
578885.01	4141816.41	274.96177	(11112817)	578905.01	4141816.41	246.91444	(14010809)
578925.01	4141816.41	253.32093	(14103118)	578945.01	4141816.41	248.09729	(14103118)
578965.01	4141816.41	230.43456	(14103118)	578985.01	4141816.41	199.56801	(14121218)
579005.01	4141816.41	201.07214	(12121918)	579025.01	4141816.41	203.48513	(12121918)
579045.01	4141816.41	200.05593	(14121218)	579065.01	4141816.41	201.18162	(14121218)
579085.01	4141816.41	193.11632	(14121218)	579105.01	4141816.41	172.58625	(14121218)
579125.01	4141816.41	155.11859	(14020618)	579145.01	4141816.41	147.77190	(14020618)
579165.01	4141816.41	133.90523	(13012318)	579185.01	4141816.41	133.32521	(13012318)
579205.01	4141816.41	131.09723	(13012318)	579225.01	4141816.41	125.94446	(13012318)
579245.01	4141816.41	119.84270	(11121618)	579265.01	4141816.41	118.96516	(11121618)
579285.01	4141816.41	117.73054	(11121618)	579305.01	4141816.41	116.10236	(11121618)
579325.01	4141816.41	113.97919	(11121618)	579345.01	4141816.41	112.20270	(17112518)

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        578565.01   4141836.41      213.44122  (12111618)              578585.01
4141836.41      234.00533  (09121117)
        578605.01   4141836.41      248.53664  (12010318)              578625.01
4141836.41      257.71850  (12010318)
        578645.01   4141836.41      253.41385  (12010318)              578665.01
4141836.41      280.57706  (11112818)
        578685.01   4141836.41      292.73434  (11112818)              578705.01
4141836.41      322.25975  (09010809)
        578725.01   4141836.41      328.40257  (09010809)              578765.01
4141836.41      312.29551  (12112718)
        578785.01   4141836.41      350.91506  (12112718)              578805.01
4141836.41      348.10248  (09112618)
        578825.01   4141836.41      352.15994  (09112618)              578845.01
4141836.41      317.44989  (16120918)
        578865.01   4141836.41      266.66737  (14120418)              578885.01
4141836.41      245.71249  (11112817)
        578905.01   4141836.41      228.28119  (14103118)              578925.01
4141836.41      235.91713  (14103118)
        578945.01   4141836.41      230.57131  (14103118)              578965.01
4141836.41      213.02310  (14103118)
        578985.01   4141836.41      186.93008  (12121918)              579005.01
4141836.41      189.49166  (12121918)
        579025.01   4141836.41      191.21526  (12121918)              579045.01
4141836.41      188.34948  (14121218)
        579065.01   4141836.41      189.50662  (14121218)              579085.01
4141836.41      184.24121  (14121218)
        579105.01   4141836.41      168.89951  (14121218)              579125.01
4141836.41      147.23108  (14020618)
        579145.01   4141836.41      142.86665  (14020618)              579165.01
4141836.41      132.91388  (14020618)
        579185.01   4141836.41      126.75580  (13012318)              579205.01
4141836.41      125.66054  (13012318)
        579225.01   4141836.41      122.75305  (13012318)              579245.01
4141836.41      117.25160  (13012318)
        579265.01   4141836.41      111.09797  (11121618)              579285.01
4141836.41      111.19680  (11121618)
        579305.01   4141836.41      110.70737  (11121618)              579325.01
4141836.41      109.67364  (11121618)
        579345.01   4141836.41      108.02739  (11121618)              578565.01
4141856.41      220.24786  (09121117)
        578585.01   4141856.41      231.62621  (12010318)              578605.01
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        578625.01   4141856.41      234.38870  (11112818)              578645.01
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        578665.01   4141856.41      269.01381  (11112818)              578685.01
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        578705.01   4141856.41      302.91327  (09010809)              578725.01
4141856.41      296.08079  (16121017)
        578745.01   4141856.41      291.85044  (16121017)              578765.01
4141856.41      314.16706  (12112718)
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578785.01 4141856.41 326.65150 (12112718) 578805.01 4141856.41 329.40788 (09112618)
578825.01 4141856.41 310.42837 (09112618) 578845.01 4141856.41 277.79663 (14120418)
578865.01 4141856.41 240.28197 (11112817) 578885.01 4141856.41 219.45781 (11112817)
578905.01 4141856.41 213.47297 (14103118) 578925.01 4141856.41 220.54929 (14103118)
578945.01 4141856.41 215.01454 (14103118) 578965.01 4141856.41 197.75986 (14103118)
578985.01 4141856.41 176.07902 (12121918) 579005.01 4141856.41 179.14120 (12121918)
579025.01 4141856.41 180.56181 (12121918) 579045.01 4141856.41 178.15080 (14121218)
579065.01 4141856.41 179.26555 (14121218) 579085.01 4141856.41 175.80081 (14121218)
579105.01 4141856.41 164.37187 (14121218) 579125.01 4141856.41 144.18545 (14121218)
579145.01 4141856.41 137.42555 (14020618) 579165.01 4141856.41 130.64041 (14020618)
579185.01 4141856.41 120.62397 (13012318) 579205.01 4141856.41 120.16193 (13012318)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP6 ***
INCLUDING SOURCE(S): BC1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	118.58986	(13012318)	579245.01	4141856.41	115.23109	(13012318)
579265.01	4141856.41	109.51091	(13012318)	579285.01	4141856.41	102.77207	(11121618)
579305.01	4141856.41	103.73730	(11121618)	579325.01	4141856.41	103.99403	(11121618)

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        579345.01   4141856.41      103.56779  (11121618)               578545.01
4141876.41      206.67845  (09121117)
        578565.01   4141876.41      215.72011  (12010318)               578585.01
4141876.41      216.65740  (12010318)
        578605.01   4141876.41      219.48330  (11112818)               578625.01
4141876.41      240.96474  (11112818)
        578645.01   4141876.41      248.41193  (11112818)               578665.01
4141876.41      272.34679  (09010809)
        578685.01   4141876.41      280.65594  (09010809)               578705.01
4141876.41      271.53078  (16121017)
        578725.01   4141876.41      273.50167  (16121017)               578745.01
4141876.41      278.91031  (12112718)
        578765.01   4141876.41      302.37819  (12112718)               578785.01
4141876.41      299.81053  (09112618)
        578805.01   4141876.41      302.20816  (09112618)               578825.01
4141876.41      277.73651  (16120918)
        578845.01   4141876.41      240.82497  (14120418)               578865.01
4141876.41      219.36192  (11112817)
        578885.01   4141876.41      201.86355  (14010809)               578905.01
4141876.41      200.50974  (14103118)
        578925.01   4141876.41      206.84318  (14103118)               578945.01
4141876.41      201.13669  (14103118)
        578965.01   4141876.41      184.32639  (14103118)               578985.01
4141876.41      165.65169  (12121918)
        579005.01   4141876.41      169.63145  (12121918)               579025.01
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        579085.01   4141876.41      167.93433  (14121218)               579105.01
4141876.41      159.40802  (14121218)
        579125.01   4141876.41      143.23635  (14121218)               579145.01
4141876.41      131.90291  (14020618)
        579165.01   4141876.41      127.37041  (14020618)               579185.01
4141876.41      118.80982  (14020618)
        579205.01   4141876.41      114.62799  (13012318)               579225.01
4141876.41      113.99754  (13012318)
        579245.01   4141876.41      112.11599  (13012318)               579265.01
4141876.41      108.42780  (13012318)
        579285.01   4141876.41      102.54425  (13012318)               579305.01
4141876.41       94.99043  (11121618)
        579325.01   4141876.41       96.71922  (11121618)               579345.01
4141876.41       97.58510  (11121618)
        578545.01   4141896.41      200.82307  (12010318)               578565.01
4141896.41      199.00893  (12010318)
        578585.01   4141896.41      206.07013  (11112818)               578605.01
4141896.41      224.54426  (11112818)
        578625.01   4141896.41      230.37539  (11112818)               578645.01
4141896.41      251.91053  (09010809)
        578665.01   4141896.41      260.98711  (09010809)               578685.01
4141896.41      249.33182  (16121017)
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        578705.01   4141896.41      255.97306  (16121017)                578725.01
4141896.41      245.93535  (12112718)
        578745.01   4141896.41      276.43065  (12112718)                578765.01
4141896.41      279.66426  (12112718)
        578785.01   4141896.41      285.15369  (09112618)                578805.01
4141896.41      270.00791  (09112618)
        578825.01   4141896.41      247.32811  (14120418)                578845.01
4141896.41      209.89161  (11112817)
        578865.01   4141896.41      199.77957  (11112817)                578885.01
4141896.41      186.05444  (14010809)
        578905.01   4141896.41      189.02875  (14103118)                578925.01
4141896.41      194.51739  (14103118)
        578945.01   4141896.41      188.65007  (14103118)                578965.01
4141896.41      172.37758  (14103118)
        578985.01   4141896.41      155.65019  (12121918)                579005.01
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        579025.01   4141896.41      162.67449  (12121918)                579045.01
4141896.41      160.21066  (12121918)
        579065.01   4141896.41      161.90008  (14121218)                579085.01
4141896.41      160.64622  (14121218)
        579105.01   4141896.41      154.29437  (14121218)                579125.01
4141896.41      141.37303  (14121218)
        579145.01   4141896.41      126.40338  (14020618)                579165.01
4141896.41      123.57221  (14020618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 694
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579185.01   4141896.41      117.39891  (14020618)                579205.01
4141896.41      108.86217  (13012318)
        579225.01   4141896.41      109.07615  (13012318)                579245.01
4141896.41      108.28345  (13012318)
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4141896.41      102.15805  (13012318)
        579305.01   4141896.41       96.32575  (13012318)               579325.01
4141896.41       88.77336  (13012318)
        579345.01   4141896.41       90.02146  (11121618)               578565.01
4141916.41      193.97763  (11112818)
        578585.01   4141916.41      209.89953  (11112818)               578605.01
4141916.41      214.47393  (11112818)
        578625.01   4141916.41      233.82420  (09010809)               578645.01
4141916.41      243.44888  (09010809)
        578665.01   4141916.41      234.18197  (09010809)               578685.01
4141916.41      239.39111  (16121017)
        578705.01   4141916.41      228.28833  (16121017)               578725.01
4141916.41      250.14383  (12112718)
        578745.01   4141916.41      263.46695  (12112718)               578765.01
4141916.41      262.40945  (09112618)
        578785.01   4141916.41      263.74523  (09112618)               578805.01
4141916.41      245.86918  (16120918)
        578825.01   4141916.41      218.53900  (14120418)               578845.01
4141916.41      195.08364  (11112817)
        578865.01   4141916.41      181.52798  (11112817)               578885.01
4141916.41      171.48148  (14010809)
        578905.01   4141916.41      178.70449  (14103118)               578925.01
4141916.41      183.34086  (14103118)
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4141916.41      161.66445  (14103118)
        578985.01   4141916.41      146.03112  (12121918)               579005.01
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4141916.41      153.18898  (12121918)
        579065.01   4141916.41      154.12377  (14121218)               579085.01
4141916.41      153.80821  (14121218)
        579105.01   4141916.41      149.17320  (14121218)               579125.01
4141916.41      138.90591  (14121218)
        579145.01   4141916.41      122.95511  (14121218)               579165.01
4141916.41      119.43881  (14020618)
        579185.01   4141916.41      115.16337  (14020618)               578386.27
4141125.26       85.34654  (12010309)
        578406.27   4141125.26       86.88274  (12010309)               578426.27
4141125.26       88.38531  (12010309)
        578446.27   4141125.26       89.71522  (12010309)               578466.27
4141125.26       90.24685  (12010309)
        578486.27   4141125.26       90.14449  (12010309)               578506.27
4141125.26       89.89500  (11122717)
        578526.27   4141125.26       89.73316  (11122717)               578546.27
4141125.26       88.09236  (11122717)
        578566.27   4141125.26       84.53180  (11122717)               578586.27
4141125.26       86.76139  (16020318)
        578606.27   4141125.26       90.53965  (16020318)               578626.27
4141125.26       94.07137  (16020318)
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        578646.27   4141125.26       98.76543  (14112017)               578666.27
4141125.26      105.12790  (14112017)
        578686.27   4141125.26      112.10962  (14112017)               578706.27
4141125.26      119.95202  (14112017)
        578726.27   4141125.26      127.59369  (14112017)               578746.27
4141125.26      135.09817  (09012117)
        578766.27   4141125.26      146.52018  (09012117)               578786.27
4141125.26      153.54812  (09012117)
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4141125.26      163.57474  (11010818)
        578886.27   4141125.26      178.33200  (11010818)               578906.27
4141125.26      187.43768  (14010318)
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4141125.26      199.22145  (16120717)
        578966.27   4141125.26      200.61719  (10010917)               578986.27
4141125.26      212.65735  (14122017)
        579006.27   4141125.26      215.64912  (13121418)               579026.27
4141125.26      213.43850  (16112517)
        579046.27   4141125.26      223.24437  (09011617)               579066.27
4141125.26      224.10775  (13122818)
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4141125.26      227.17885  (16010818)
        579126.27   4141125.26      230.26831  (10121417)               579146.27
4141125.26      222.36656  (11112917)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 695
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4141125.26      214.70652  (13113018)
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        578406.27   4141145.26       87.66753  (12010309)              578426.27
4141145.26       89.33922  (12010309)
        578446.27   4141145.26       91.06047  (12010309)              578466.27
4141145.26       92.71255  (12010309)
        578486.27   4141145.26       93.83857  (12010309)              578506.27
4141145.26       94.53635  (12010309)
        578526.27   4141145.26       94.09521  (12010309)              578546.27
4141145.26       94.29647  (11122717)
        578566.27   4141145.26       93.24660  (11122717)              578586.27
4141145.26       90.07580  (11122717)
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        578646.27   4141145.26       98.66430  (16020318)              578666.27
4141145.26      104.24854  (14112017)
        578686.27   4141145.26      110.85684  (14112017)              578706.27
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        578726.27   4141145.26      127.98049  (14112017)              578746.27
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        578766.27   4141145.26      146.56783  (09012117)              578786.27
4141145.26      158.30771  (09012117)
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4141145.26      161.16617  (14112818)
        578846.27   4141145.26      172.72253  (14121217)              578866.27
4141145.26      173.05287  (14121217)
        578886.27   4141145.26      184.57223  (11010818)              578906.27
4141145.26      196.10756  (14010318)
        578926.27   4141145.26      196.06974  (14010318)              578946.27
4141145.26      209.57706  (16120717)
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4141145.26      224.93456  (14122017)
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        579086.27   4141145.26      244.09689  (09012317)              579106.27
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4141145.26      236.85035  (11112917)
        579166.27   4141145.26      228.43222  (10010418)              579186.27
4141145.26      226.43242  (12111418)
        579206.27   4141145.26      221.60412  (15111918)              578723.62
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        578743.62   4141929.59      251.01988  (12112718)              578763.62
4141929.59      254.80052  (09112618)
        578783.62   4141929.59      248.64749  (09112618)              578803.62
4141929.59      230.81398  (16120918)
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4141929.59      186.09667  (11112817)
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        578863.62   4141929.59      172.46108  (14010809)                578883.62
4141929.59      163.53532  (14010809)
        578903.62   4141929.59      171.76835  (14103118)                578923.62
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        578943.62   4141929.59      171.19100  (14103118)                578963.62
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        578983.62   4141929.59      140.91625  (14123117)                579003.62
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        579063.62   4141929.59      149.06766  (14121218)                579083.62
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        579103.62   4141929.59      146.22426  (14121218)                579123.62
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4141929.59      116.70950  (14020618)
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4141942.60      241.75050  (12112718)
        578745.67   4141942.60      236.74078  (09112618)                578765.67
4141942.60      245.54345  (09112618)
        578785.67   4141942.60      232.57259  (16120918)                578805.67
4141942.60      214.28624  (14120418)
        578825.67   4141942.60      180.37515  (11112817)                578845.67
4141942.60      175.95480  (11112817)
        578865.67   4141942.60      164.80363  (14010809)                578885.67
4141942.60      153.88445  (14103118)
        578905.67   4141942.60      166.90854  (14103118)                578925.67
4141942.60      170.16562  (14103118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP6   ***
                                      INCLUDING SOURCE(S):     BC1_2D      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        578945.67   4141942.60      163.72024  (14103118)              578965.67
4141942.60      148.59056  (14103118)
        578985.67   4141942.60      134.92684  (14123117)              579005.67
4141942.60      142.04883  (12121918)
        579025.67   4141942.60      145.49675  (12121918)              579045.67
4141942.60      144.66215  (12121918)
        579065.67   4141942.60      144.49361  (14121218)              579085.67
4141942.60      145.32264  (14121218)
        579105.67   4141942.60      142.37368  (14121218)              579125.67
4141942.60      134.69283  (14121218)
        579145.67   4141942.60      122.01295  (14121218)              579165.67
4141942.60      113.65146  (14020618)
        579185.67   4141942.60      111.24721  (14020618)              578745.52
4141955.60      233.15931  (09112618)
        578765.52   4141955.60      233.73457  (09112618)              578785.52
4141955.60      220.36237  (16120918)
        578805.52   4141955.60      199.54057  (14120418)              578825.52
4141955.60      173.58309  (11112817)
        578845.52   4141955.60      167.02905  (11112817)              578865.52
4141955.60      157.76999  (14010809)
        578885.52   4141955.60      149.21109  (14103118)              578905.52
4141955.60      161.35461  (14103118)
        578925.52   4141955.60      164.20905  (14103118)              578945.52
4141955.60      157.80648  (14103118)
        578965.52   4141955.60      143.15223  (14103118)              578985.52
4141955.60      130.66896  (14123117)
        579005.52   4141955.60      136.98564  (12121918)              579025.52
4141955.60      141.02683  (12121918)
        579045.52   4141955.60      140.77940  (12121918)              579065.52
4141955.60      139.76002  (14121218)
        579085.52   4141955.60      141.28766  (14121218)              579105.52
4141955.60      139.20032  (14121218)
        579125.52   4141955.60      132.72120  (14121218)              579145.52
4141955.60      121.53589  (14121218)
        579165.52   4141955.60      110.69147  (14020618)              579185.52
4141955.60      109.14272  (14020618)
        578785.22   4141971.34      204.72111  (14120418)              578805.22
4141971.34      181.71550  (14120418)
        578825.22   4141971.34      165.34129  (11112817)              578845.22
4141971.34      156.71329  (11112817)
        578865.22   4141971.34      149.65455  (14010809)              578885.22
4141971.34      143.80215  (14103118)
        578905.22   4141971.34      155.01425  (14103118)              578925.22
4141971.34      157.45083  (14103118)
        578945.22   4141971.34      151.17182  (14103118)              578965.22
4141971.34      137.12292  (14103118)
        578985.22   4141971.34      125.92948  (14123117)              579005.22
4141971.34      130.96646  (12121918)
        579025.22   4141971.34      135.73719  (12121918)              579045.22
4141971.34      136.23910  (12121918)
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        579105.22   4141971.34      135.37376  (14121218)               579125.22
4141971.34      130.24599  (14121218)
        579145.22   4141971.34      120.71425  (14121218)               579165.22
4141971.34      107.16473  (14121218)
        579185.22   4141971.34      106.36027  (14020618)               578790.01
4141986.40      186.58889  (14120418)
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4141986.40      155.90052  (11112817)
        578850.01   4141986.40      146.39085  (14010809)               578870.01
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        578890.01   4141986.40      142.34950  (14103118)               578910.01
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4141986.40      129.63627  (14121218)
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4141986.40      116.94283  (14121218)
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4141986.40      103.21920  (14020618)
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4142001.46      147.39086  (11112817)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP6   ***
                                    INCLUDING SOURCE(S):     BC1_2D      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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578930.54 4142001.46 144.74912 (14103118) 578950.54
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578970.54 4142001.46 123.74555 (14123117) 578990.54
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579010.54 4142001.46 122.21046 (12121918) 579030.54
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579050.54 4142001.46 127.64359 (12121918) 579070.54
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579090.54 4142001.46 127.72230 (14121218) 579110.54
4142001.46 127.47858 (14121218)
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579170.54 4142001.46 104.01581 (14121218) 579190.54
4142001.46 100.30345 (14020618)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
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578465.01 4141176.41 89.34618 (12010309) 578485.01
4141176.41 91.70848 (12010309)
578505.01 4141176.41 92.39334 (12010309) 578525.01
4141176.41 92.30431 (12010309)

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        578665.01   4141176.41       82.94875  (16020318)               578685.01
4141176.41       88.52262  (14112017)
        578705.01   4141176.41       96.25501  (14112017)               578725.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 699
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        579205.01   4141196.41      135.07833  (12111418)               579225.01
4141196.41      133.71572  (09011017)
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        578445.01   4141216.41       82.54729  (12010309)              578465.01
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        578485.01   4141216.41       93.98978  (12010309)              578505.01
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        578605.01   4141216.41       92.41123  (12010309)              578625.01
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        579085.01   4141236.41      173.78434  (09012317)                579105.01
4141236.41      174.01786  (09012317)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 700
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        578645.01   4141256.41      107.94537  (12010309)              578665.01
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4141276.41       96.06381  (12010309)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 702
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 704
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578505.01	4141456.41	105.70441	(14120118)	578525.01	4141456.41	109.97720	(14120118)
578545.01	4141456.41	114.12600	(14120118)	578565.01	4141456.41	118.36936	(14120118)
578585.01	4141456.41	122.54014	(14120118)	578605.01	4141456.41	126.50596	(14120118)
578625.01	4141456.41	130.22964	(14120118)	578645.01	4141456.41	136.37637	(09110418)
579045.01	4141456.41	609.17780	(16010818)	579065.01	4141456.41	601.15181	(10121417)
579085.01	4141456.41	584.42102	(09011017)	579105.01	4141456.41	538.26056	(12111417)
579125.01	4141456.41	480.64142	(13110618)	579145.01	4141456.41	427.11400	(15011018)
579165.01	4141456.41	362.32442	(15011018)	579185.01	4141456.41	295.88572	(15011018)
579205.01	4141456.41	251.04356	(14011818)	579225.01	4141456.41	227.87206	(14011818)
579245.01	4141456.41	207.99099	(17120218)	579265.01	4141456.41	190.40038	(17120218)
578385.01	4141476.41	82.71249	(14120118)	578405.01	4141476.41	86.67448	(14120118)
578425.01	4141476.41	90.86315	(14120118)	578445.01	4141476.41	95.27576	(14120118)
578465.01	4141476.41	99.95830	(14120118)	578485.01	4141476.41	104.93976	(14120118)
578505.01	4141476.41	110.08713	(14120118)	578525.01	4141476.41	115.64135	(14120118)

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        579065.01   4141476.41      733.60334  (12111418)                579085.01
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        579145.01   4141476.41      438.48192  (15011018)                579165.01
4141476.41      344.03064  (15011018)
        579185.01   4141476.41      299.65794  (14011818)                579205.01
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        579105.01   4141496.41      703.00499  (15011018)                579125.01
4141496.41      546.81834  (15011018)
        579145.01   4141496.41      423.87323  (14011818)                579165.01
4141496.41      366.72180  (17120218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 705
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
                                   INCLUDING SOURCE(S):     CONSTR2_1   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578425.01	4141516.41	89.61317	(12010417)	578445.01	4141516.41	93.47932	(12010417)
578465.01	4141516.41	97.63068	(12010417)	578485.01	4141516.41	102.09252	(12010417)
578505.01	4141516.41	108.16447	(14120118)	578525.01	4141516.41	115.28395	(14120118)
578545.01	4141516.41	122.74636	(14120118)	578565.01	4141516.41	131.05029	(14120118)
578585.01	4141516.41	140.08726	(14120118)	578605.01	4141516.41	149.94215	(14120118)
578625.01	4141516.41	160.74076	(14120118)	578645.01	4141516.41	172.58167	(14120118)
579085.01	4141516.41	987.04887	(15011018)	579105.01	4141516.41	710.14883	(15011018)
579125.01	4141516.41	557.36104	(17120218)	579145.01	4141516.41	460.47150	(17120218)
579165.01	4141516.41	392.29302	(17112018)	578385.01	4141536.41	85.62599	(13012417)
578405.01	4141536.41	89.17130	(13012417)	578425.01	4141536.41	92.99102	(13012417)
578445.01	4141536.41	97.07585	(13012417)	578465.01	4141536.41	101.42608	(13012417)
578485.01	4141536.41	106.09930	(13012417)	578505.01	4141536.41	111.38930	(12010417)
578525.01	4141536.41	117.60013	(12010417)	578545.01	4141536.41	123.84738	(12010417)
578565.01	4141536.41	130.96225	(12010417)	578585.01	4141536.41	138.65647	(12010417)
578605.01	4141536.41	147.03020	(12010417)	578625.01	4141536.41	157.35661	(14120118)
578645.01	4141536.41	170.60484	(14120118)	578665.01	4141536.41	185.47551	(14120118)
579105.01	4141536.41	776.39657	(17112018)	579125.01	4141536.41	602.81138	(17112018)
579185.01	4141536.41	341.82722	(11121418)	578385.01	4141556.41	89.66071	(13012417)
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578445.01	4141556.41	102.50223	(13012417)	578465.01	4141556.41	107.49712	(13012417)

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        578425.01   4141576.41       99.85889  (13012417)                578445.01
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        578585.01   4141576.41      154.61261  (13012417)                578605.01
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        579165.01   4141576.41      394.07525  (11112918)                579185.01
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        579205.01   4141576.41      291.38912  (11112918)                579225.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 706
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
                                   INCLUDING SOURCE(S):     CONSTR2_1   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578425.01	4141596.41	98.64712	(13012417)	578445.01	4141596.41	103.48602	(13012417)
578465.01	4141596.41	108.73787	(13012417)	578485.01	4141596.41	114.47053	(13012417)
578505.01	4141596.41	120.80670	(13012417)	578525.01	4141596.41	127.80410	(13012417)
578545.01	4141596.41	135.38556	(13012417)	578565.01	4141596.41	143.89737	(13012417)
578585.01	4141596.41	153.30364	(13012417)	578605.01	4141596.41	163.80387	(13012417)
578625.01	4141596.41	175.67276	(13012417)	578645.01	4141596.41	189.14006	(13012417)
578665.01	4141596.41	204.59377	(13012417)	578685.01	4141596.41	222.29037	(13012417)
578705.01	4141596.41	242.63166	(13012417)	578725.01	4141596.41	266.70378	(13012417)
578745.01	4141596.41	295.32604	(13012417)	579105.01	4141596.41	630.80611	(16011318)
579145.01	4141596.41	434.68511	(16011318)	579165.01	4141596.41	367.21361	(16011318)
579185.01	4141596.41	314.70640	(16011318)	579205.01	4141596.41	273.20142	(16011318)
579225.01	4141596.41	239.86383	(16011318)	579245.01	4141596.41	212.67481	(16011318)
579265.01	4141596.41	190.22160	(16011318)	579285.01	4141596.41	171.26364	(16011318)
579305.01	4141596.41	155.35922	(16011318)	579325.01	4141596.41	141.80520	(11112918)
579345.01	4141596.41	130.88846	(11112918)	578385.01	4141616.41	86.35368	(13012417)
578405.01	4141616.41	90.20449	(13012417)	578425.01	4141616.41	94.35539	(13012417)
578445.01	4141616.41	98.83581	(13012417)	578465.01	4141616.41	103.69917	(13012417)
578485.01	4141616.41	108.99157	(13012417)	578505.01	4141616.41	114.80128	(13012417)
578525.01	4141616.41	121.26096	(13012417)	578545.01	4141616.41	128.16479	(13012417)

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        578685.01   4141616.41      206.16184  (13012417)                578705.01
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4141616.41      239.32372  (16011318)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 707
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141636.41	170.66743	(10012218)	578685.01	4141636.41	184.04860	(10012218)
578705.01	4141636.41	199.18066	(10012218)	578725.01	4141636.41	216.13133	(10012218)
579045.01	4141636.41	673.75984	(14121218)	579065.01	4141636.41	592.18490	(17112518)
579085.01	4141636.41	548.60360	(17112518)	579105.01	4141636.41	492.39685	(17112518)
579125.01	4141636.41	427.88120	(09012218)	579165.01	4141636.41	334.23898	(09012218)
579185.01	4141636.41	292.43144	(09012218)	579205.01	4141636.41	255.90184	(09012218)
579225.01	4141636.41	229.53012	(17010418)	579245.01	4141636.41	206.96144	(17010418)
579265.01	4141636.41	187.15723	(17010418)	579285.01	4141636.41	171.65393	(16011318)
579305.01	4141636.41	158.02272	(16011318)	579325.01	4141636.41	145.94773	(16011318)
579345.01	4141636.41	135.23950	(16011318)	578385.01	4141656.41	76.54576	(10012218)
578405.01	4141656.41	79.85518	(10012218)	578425.01	4141656.41	83.35167	(10012218)
578445.01	4141656.41	87.11939	(10012218)	578465.01	4141656.41	91.21665	(10012218)
578485.01	4141656.41	95.55446	(10012218)	578505.01	4141656.41	100.30878	(10012218)
578525.01	4141656.41	105.30138	(10012218)	578545.01	4141656.41	110.71489	(10012218)
578565.01	4141656.41	116.63733	(10012218)	578585.01	4141656.41	123.02932	(10012218)
578605.01	4141656.41	129.98127	(10012218)	578625.01	4141656.41	137.58327	(10012218)
578645.01	4141656.41	145.72310	(10012218)	578665.01	4141656.41	154.56961	(10012218)
578685.01	4141656.41	167.15331	(16120718)	578705.01	4141656.41	190.65374	(16120718)
578725.01	4141656.41	218.33766	(16120718)	579005.01	4141656.41	790.82745	(14121218)
579025.01	4141656.41	694.03215	(14121218)	579045.01	4141656.41	581.92478	(14121218)

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        578505.01   4141676.41       93.27247  (10012218)                578525.01
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4141676.41      421.20845  (13012318)
        579085.01   4141676.41      386.65156  (13012318)                579105.01
4141676.41      361.01556  (11121618)
        579125.01   4141676.41      339.30970  (11121618)                579145.01
4141676.41      315.06560  (17112518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                   PAGE 708
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
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INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579165.01	4141676.41	288.23818	(17112518)	579185.01	4141676.41	259.42711	(17112518)
579205.01	4141676.41	233.15754	(09012218)	579225.01	4141676.41	215.27163	(09012218)
579245.01	4141676.41	197.82224	(09012218)	579265.01	4141676.41	181.19847	(09012218)
579285.01	4141676.41	165.73440	(09012218)	579305.01	4141676.41	151.42975	(09012218)
579325.01	4141676.41	138.50159	(09012218)	579345.01	4141676.41	129.09505	(17010418)
578385.01	4141696.41	68.67377	(10012218)	578405.01	4141696.41	70.88818	(10012218)
578425.01	4141696.41	73.22538	(10012218)	578445.01	4141696.41	75.68676	(10012218)
578465.01	4141696.41	78.18290	(10012218)	578485.01	4141696.41	81.42046	(15102718)
578505.01	4141696.41	87.22199	(15102718)	578525.01	4141696.41	93.46189	(15102718)
578565.01	4141696.41	110.46034	(16120718)	578585.01	4141696.41	121.58050	(16120718)
578605.01	4141696.41	133.93592	(16120718)	578625.01	4141696.41	147.63539	(16120718)
578645.01	4141696.41	162.85095	(16120718)	578665.01	4141696.41	179.51924	(16120718)
578685.01	4141696.41	197.65408	(16120718)	578945.01	4141696.41	676.27511	(09112618)
578965.01	4141696.41	538.97616	(09112618)	578985.01	4141696.41	522.75632	(14103118)
579005.01	4141696.41	509.82288	(14121218)	579025.01	4141696.41	495.03646	(14121218)
579045.01	4141696.41	448.81403	(14121218)	579065.01	4141696.41	384.02737	(14121218)
579085.01	4141696.41	339.40717	(13012318)	579105.01	4141696.41	311.86472	(13012318)
579125.01	4141696.41	292.96449	(11121618)	579145.01	4141696.41	279.20026	(11121618)
579165.01	4141696.41	260.65056	(17112518)	579185.01	4141696.41	243.09011	(17112518)

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        579205.01   4141696.41      223.51751  (17112518)                579225.01
4141696.41      203.17989  (17112518)
        579245.01   4141696.41      184.95148  (09012218)                579265.01
4141696.41      173.06664  (09012218)
        579285.01   4141696.41      161.23757  (09012218)                579305.01
4141696.41      149.76399  (09012218)
        579325.01   4141696.41      138.93315  (09012218)                579345.01
4141696.41      128.71613  (09012218)
        578385.01   4141716.41       62.97508  (15102718)                578405.01
4141716.41       66.79943  (15102718)
        578425.01   4141716.41       70.90568  (15102718)                578445.01
4141716.41       75.29746  (15102718)
        578465.01   4141716.41       79.94523  (15102718)                578485.01
4141716.41       85.60944  (16120718)
        578505.01   4141716.41       93.19026  (16120718)                578525.01
4141716.41      101.48003  (16120718)
        578605.01   4141716.41      142.35982  (16120718)                578625.01
4141716.41      154.72754  (16120718)
        578645.01   4141716.41      167.84946  (16120718)                578665.01
4141716.41      181.54223  (16120718)
        578685.01   4141716.41      195.65251  (16120718)                578905.01
4141716.41      551.10566  (12112718)
        578925.01   4141716.41      574.73824  (09112618)                578945.01
4141716.41      530.97250  (09112618)
        578965.01   4141716.41      432.67969  (14103118)                578985.01
4141716.41      428.80119  (14103118)
        579005.01   4141716.41      412.96773  (14121218)                579025.01
4141716.41      417.72688  (14121218)
        579045.01   4141716.41      393.34042  (14121218)                579065.01
4141716.41      349.20080  (14121218)
        579085.01   4141716.41      294.79706  (14020618)                579105.01
4141716.41      279.68848  (13012318)
        579125.01   4141716.41      257.58194  (13012318)                579145.01
4141716.41      242.82640  (11121618)
        579165.01   4141716.41      234.17577  (11121618)                579185.01
4141716.41      220.72729  (11121618)
        579205.01   4141716.41      207.78637  (17112518)                579225.01
4141716.41      194.23879  (17112518)
        579245.01   4141716.41      179.56886  (17112518)                579265.01
4141716.41      164.76589  (17112518)
        579285.01   4141716.41      151.37776  (09012218)                579305.01
4141716.41      143.05763  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 709
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141716.41	134.76405	(09012218)	579345.01	4141716.41	126.60894	(09012218)
578385.01	4141736.41	65.81680	(15102718)	578405.01	4141736.41	69.45614	(15102718)
578425.01	4141736.41	74.15441	(16120718)	578445.01	4141736.41	79.99740	(16120718)
578465.01	4141736.41	86.28819	(16120718)	578485.01	4141736.41	93.11267	(16120718)
578505.01	4141736.41	100.57285	(16120718)	578625.01	4141736.41	154.57441	(16120718)
578645.01	4141736.41	164.47674	(16120718)	578665.01	4141736.41	174.10715	(16120718)
578865.01	4141736.41	448.47036	(09010809)	578885.01	4141736.41	442.65887	(09010809)
578905.01	4141736.41	474.15596	(12112718)	578925.01	4141736.41	478.21174	(09112618)
578945.01	4141736.41	422.52719	(09112618)	578965.01	4141736.41	360.24406	(14103118)
578985.01	4141736.41	359.48487	(14103118)	579005.01	4141736.41	344.93853	(12121918)
579025.01	4141736.41	354.04499	(14121218)	579045.01	4141736.41	344.27903	(14121218)
579065.01	4141736.41	315.92676	(14121218)	579085.01	4141736.41	275.69306	(14121218)
579105.01	4141736.41	246.33170	(13012318)	579125.01	4141736.41	235.02563	(13012318)
579145.01	4141736.41	217.11968	(13012318)	579165.01	4141736.41	204.88527	(11121618)
579185.01	4141736.41	199.44095	(11121618)	579205.01	4141736.41	190.47514	(11121618)
579225.01	4141736.41	179.48089	(17112518)	579245.01	4141736.41	170.14115	(17112518)
579265.01	4141736.41	159.58323	(17112518)	579285.01	4141736.41	148.46099	(17112518)
579305.01	4141736.41	137.23791	(17112518)	579325.01	4141736.41	126.92166	(09012218)

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        579345.01   4141736.41      120.91190  (09012218)                578385.01
4141756.41       69.70539  (16120718)
        578405.01   4141756.41       74.71783  (16120718)                578425.01
4141756.41       80.03262  (16120718)
        578445.01   4141756.41       85.71745  (16120718)                578465.01
4141756.41       91.71020  (16120718)
        578485.01   4141756.41       98.13901  (16120718)                578845.01
4141756.41      376.55072  (09010809)
        578865.01   4141756.41      378.94155  (09010809)                578885.01
4141756.41      395.36570  (12112718)
        578905.01   4141756.41      410.97884  (09112618)                578925.01
4141756.41      398.00671  (09112618)
        578945.01   4141756.41      339.76943  (09112618)                578965.01
4141756.41      307.03950  (14103118)
        578985.01   4141756.41      307.10328  (14103118)                579005.01
4141756.41      294.33240  (12121918)
        579025.01   4141756.41      302.35611  (14121218)                579045.01
4141756.41      301.78014  (14121218)
        579065.01   4141756.41      284.86477  (14121218)                579085.01
4141756.41      256.17647  (14121218)
        579105.01   4141756.41      222.19227  (14020618)                579125.01
4141756.41      210.74506  (13012318)
        579145.01   4141756.41      200.82839  (13012318)                579165.01
4141756.41      186.14495  (13012318)
        579185.01   4141756.41      175.24540  (11121618)                579205.01
4141756.41      172.36428  (11121618)
        579225.01   4141756.41      166.17805  (11121618)                579245.01
4141756.41      157.82802  (11121618)
        579265.01   4141756.41      150.11350  (17112518)                579285.01
4141756.41      142.45823  (17112518)
        579305.01   4141756.41      134.13800  (17112518)                579325.01
4141756.41      125.43839  (17112518)
        579345.01   4141756.41      116.59770  (17112518)                578385.01
4141776.41       74.29091  (16120718)
        578405.01   4141776.41       79.04894  (16120718)                578425.01
4141776.41       84.00903  (16120718)
        578445.01   4141776.41       89.18310  (16120718)                578465.01
4141776.41       94.57212  (16120718)
        578485.01   4141776.41      100.16830  (16120718)                578825.01
4141776.41      321.65374  (09010809)
        578845.01   4141776.41      327.90084  (09010809)                578865.01
4141776.41      330.95318  (12112718)
        578885.01   4141776.41      349.60534  (12112718)                578905.01
4141776.41      357.58530  (09112618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	331.91860	(09112618)	578945.01	4141776.41	275.79396	(09112618)
578965.01	4141776.41	266.26676	(14103118)	578985.01	4141776.41	266.44927	(14103118)
579005.01	4141776.41	254.26418	(12121918)	579025.01	4141776.41	260.28327	(14121218)
579045.01	4141776.41	265.36368	(14121218)	579065.01	4141776.41	256.46516	(14121218)
579085.01	4141776.41	236.74012	(14121218)	579105.01	4141776.41	209.44926	(14121218)
579125.01	4141776.41	188.13245	(14020618)	579145.01	4141776.41	182.72826	(13012318)
579165.01	4141776.41	174.09244	(13012318)	579185.01	4141776.41	161.70690	(13012318)
579205.01	4141776.41	152.18259	(11121618)	579225.01	4141776.41	150.55416	(11121618)
579245.01	4141776.41	146.31466	(11121618)	579265.01	4141776.41	140.33770	(11121618)
579285.01	4141776.41	133.19579	(17112518)	579305.01	4141776.41	127.74359	(17112518)
579325.01	4141776.41	121.46872	(17112518)	579345.01	4141776.41	114.71208	(17112518)
578405.01	4141796.41	81.48767	(16120718)	578425.01	4141796.41	85.84870	(16120718)
578445.01	4141796.41	90.29595	(16120718)	578465.01	4141796.41	94.83838	(16120718)
578805.01	4141796.41	279.17989	(09010809)	578825.01	4141796.41	286.66044	(09010809)
578845.01	4141796.41	278.59230	(12112718)	578865.01	4141796.41	302.86237	(12112718)
578885.01	4141796.41	313.34182	(09112618)	578905.01	4141796.41	309.35683	(09112618)
578925.01	4141796.41	277.70841	(09112618)	578945.01	4141796.41	229.47844	(14120418)

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        578965.01   4141796.41      234.16292  (14103118)                578985.01
4141796.41      234.18083  (14103118)
        579005.01   4141796.41      222.02710  (12121918)                579025.01
4141796.41      229.16993  (12121918)
        579045.01   4141796.41      234.20073  (14121218)                579065.01
4141796.41      230.99404  (14121218)
        579085.01   4141796.41      217.94142  (14121218)                579105.01
4141796.41      197.51280  (14121218)
        579125.01   4141796.41      175.06548  (14020618)                579145.01
4141796.41      164.12187  (13012318)
        579165.01   4141796.41      160.25791  (13012318)                579185.01
4141796.41      152.60490  (13012318)
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4141796.41      120.10724  (11121618)
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4141816.41      124.79922  (12111618)
        578605.01   4141816.41      135.32827  (12111618)                578665.01
4141816.41      164.07296  (09121117)
        578685.01   4141816.41      175.88517  (09121117)                578785.01
4141816.41      245.39017  (09010809)
        578805.01   4141816.41      253.35411  (09010809)                578825.01
4141816.41      247.27243  (09010809)
        578845.01   4141816.41      262.04846  (12112718)                578865.01
4141816.41      272.24280  (12112718)
        578885.01   4141816.41      280.23741  (09112618)                578905.01
4141816.41      266.90961  (09112618)
        578925.01   4141816.41      234.68082  (16120918)                578945.01
4141816.41      200.27283  (11112817)
        578965.01   4141816.41      208.26688  (14103118)                578985.01
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        579045.01   4141816.41      207.57044  (14121218)                579065.01
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4141816.41      152.03165  (14020618)
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4141816.41      141.92716  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579205.01	4141816.41	135.37660	(13012318)	579225.01	4141816.41	126.62756	(13012318)
579245.01	4141816.41	118.05235	(11121618)	579265.01	4141816.41	118.07512	(11121618)
579285.01	4141816.41	116.35012	(11121618)	579305.01	4141816.41	113.25951	(11121618)
579325.01	4141816.41	109.04515	(11121618)	579345.01	4141816.41	104.07097	(11121618)
578565.01	4141836.41	117.98682	(12111618)	578585.01	4141836.41	126.42194	(12111618)
578605.01	4141836.41	134.10665	(12111618)	578625.01	4141836.41	140.55029	(12111618)
578645.01	4141836.41	150.79721	(09121117)	578665.01	4141836.41	159.77379	(09121117)
578685.01	4141836.41	167.60377	(12010318)	578705.01	4141836.41	173.04796	(12010318)
578725.01	4141836.41	185.25306	(11112818)	578765.01	4141836.41	218.03949	(09010809)
578785.01	4141836.41	225.84968	(09010809)	578805.01	4141836.41	222.99571	(09010809)
578825.01	4141836.41	227.82056	(12112718)	578845.01	4141836.41	241.91785	(12112718)
578865.01	4141836.41	249.74992	(09112618)	578885.01	4141836.41	248.80008	(09112618)
578905.01	4141836.41	230.03647	(09112618)	578925.01	4141836.41	201.20155	(14120418)
578945.01	4141836.41	178.53762	(14103118)	578965.01	4141836.41	186.97282	(14103118)
578985.01	4141836.41	186.58185	(14103118)	579005.01	4141836.41	177.50879	(14103118)
579025.01	4141836.41	182.85610	(12121918)	579045.01	4141836.41	184.90286	(14121218)

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4141836.41      158.24985  (14121218)
        579145.01   4141836.41      142.38805  (14020618)                579165.01
4141836.41      133.00494  (14020618)
        579185.01   4141836.41      130.46643  (13012318)                579205.01
4141836.41      126.93669  (13012318)
        579225.01   4141836.41      121.06539  (13012318)                579245.01
4141836.41      113.64716  (13012318)
        579265.01   4141836.41      105.33159  (11121618)                579285.01
4141836.41      105.79644  (11121618)
        579305.01   4141836.41      104.80108  (11121618)                579325.01
4141836.41      102.59452  (11121618)
        579345.01   4141836.41       99.36786  (11121618)                578565.01
4141856.41      118.02350  (12111618)
        578585.01   4141856.41      123.87346  (12111618)                578605.01
4141856.41      130.22165  (09121117)
        578625.01   4141856.41      138.76202  (09121117)                578645.01
4141856.41      145.81777  (09121117)
        578665.01   4141856.41      152.09556  (12010318)                578685.01
4141856.41      155.91790  (12010318)
        578705.01   4141856.41      167.49039  (11112818)                578725.01
4141856.41      181.47398  (09010809)
        578745.01   4141856.41      195.45429  (09010809)                578765.01
4141856.41      202.99225  (09010809)
        578785.01   4141856.41      202.16282  (09010809)                578805.01
4141856.41      199.02599  (12112718)
        578825.01   4141856.41      214.73579  (12112718)                578845.01
4141856.41      220.64932  (09112618)
        578865.01   4141856.41      227.49665  (09112618)                578885.01
4141856.41      219.88174  (09112618)
        578905.01   4141856.41      200.68233  (16120918)                578925.01
4141856.41      173.20205  (14120418)
        578945.01   4141856.41      162.44906  (14103118)                578965.01
4141856.41      169.06394  (14103118)
        578985.01   4141856.41      168.51728  (14103118)                579005.01
4141856.41      160.87495  (14103118)
        579025.01   4141856.41      164.73313  (12121918)                579045.01
4141856.41      166.49441  (12121918)
        579065.01   4141856.41      170.19869  (14121218)                579085.01
4141856.41      168.65968  (14121218)
        579105.01   4141856.41      161.66333  (14121218)                579125.01
4141856.41      150.19495  (14121218)
        579145.01   4141856.41      135.56206  (14121218)                579165.01
4141856.41      126.05029  (14020618)
        579185.01   4141856.41      118.79489  (13012318)                579205.01
4141856.41      117.73937  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	114.29747	(13012318)	579245.01	4141856.41	109.25672	(13012318)
579265.01	4141856.41	102.69423	(13012318)	579285.01	4141856.41	95.23768	(13012318)
579305.01	4141856.41	95.32506	(11121618)	579325.01	4141856.41	94.92169	(11121618)
579345.01	4141856.41	93.42449	(11121618)	578545.01	4141876.41	110.04540	(12111618)
578565.01	4141876.41	114.46832	(12111618)	578585.01	4141876.41	121.43939	(09121117)
578605.01	4141876.41	128.20607	(09121117)	578625.01	4141876.41	133.77680	(12010318)
578645.01	4141876.41	138.74981	(12010318)	578665.01	4141876.41	142.57367	(11112818)
578685.01	4141876.41	152.50937	(11112818)	578705.01	4141876.41	164.30899	(09010809)
578725.01	4141876.41	176.57874	(09010809)	578745.01	4141876.41	183.70672	(09010809)
578765.01	4141876.41	184.10118	(09010809)	578785.01	4141876.41	180.29944	(16121017)
578805.01	4141876.41	190.90096	(12112718)	578825.01	4141876.41	199.42560	(12112718)
578845.01	4141876.41	205.54163	(09112618)	578865.01	4141876.41	205.67726	(09112618)
578885.01	4141876.41	194.19920	(16120918)	578905.01	4141876.41	175.72917	(14120418)
578925.01	4141876.41	149.51195	(14120418)	578945.01	4141876.41	148.77303	(14103118)
578965.01	4141876.41	154.08397	(14103118)	578985.01	4141876.41	153.25997	(14103118)

579005.01 4141876.41 146.63297 (14103118) 579025.01
4141876.41 149.23548 (12121918)
579045.01 4141876.41 152.05133 (12121918) 579065.01
4141876.41 154.45674 (14121218)
579085.01 4141876.41 154.94938 (14121218) 579105.01
4141876.41 150.62415 (14121218)
579125.01 4141876.41 142.09496 (14121218) 579145.01
4141876.41 130.31968 (14121218)
579165.01 4141876.41 118.74928 (14020618) 579185.01
4141876.41 112.34363 (14020618)
579205.01 4141876.41 108.16863 (13012318) 579225.01
4141876.41 106.83215 (13012318)
579245.01 4141876.41 103.79129 (13012318) 579265.01
4141876.41 99.12771 (13012318)
579285.01 4141876.41 93.40545 (13012318) 579305.01
4141876.41 86.94246 (13012318)
579325.01 4141876.41 86.52148 (11121618) 579345.01
4141876.41 86.44555 (11121618)
578545.01 4141896.41 106.77618 (09121117) 578565.01
4141896.41 113.22296 (09121117)
578585.01 4141896.41 118.72586 (09121117) 578605.01
4141896.41 123.43988 (12010318)
578625.01 4141896.41 127.20019 (12010318) 578645.01
4141896.41 131.30188 (11112818)
578665.01 4141896.41 139.71499 (11112818) 578685.01
4141896.41 149.76479 (09010809)
578705.01 4141896.41 160.59617 (09010809) 578725.01
4141896.41 167.26453 (09010809)
578745.01 4141896.41 168.50795 (09010809) 578765.01
4141896.41 164.48091 (16121017)
578785.01 4141896.41 170.07584 (12112718) 578805.01
4141896.41 180.32019 (12112718)
578825.01 4141896.41 184.43626 (09112618) 578845.01
4141896.41 189.67589 (09112618)
578865.01 4141896.41 185.02612 (09112618) 578885.01
4141896.41 172.93437 (16120918)
578905.01 4141896.41 154.46451 (14120418) 578925.01
4141896.41 134.85645 (11112817)
578945.01 4141896.41 136.93948 (14103118) 578965.01
4141896.41 141.21298 (14103118)
578985.01 4141896.41 140.36424 (14103118) 579005.01
4141896.41 134.56745 (14103118)
579025.01 4141896.41 135.85704 (12121918) 579045.01
4141896.41 139.33424 (12121918)
579065.01 4141896.41 140.52229 (14121218) 579085.01
4141896.41 142.49420 (14121218)
579105.01 4141896.41 140.22428 (14121218) 579125.01
4141896.41 134.03570 (14121218)
579145.01 4141896.41 124.73501 (14121218) 579165.01
4141896.41 113.31962 (14121218)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141896.41	106.87836	(14020618)	579205.01	4141896.41	100.57506	(14020618)
579225.01	4141896.41	98.97757	(13012318)	579245.01	4141896.41	97.55358	(13012318)
579265.01	4141896.41	94.66687	(13012318)	579285.01	4141896.41	90.48523	(13012318)
579305.01	4141896.41	85.48474	(13012318)	579325.01	4141896.41	79.84627	(13012318)
579345.01	4141896.41	78.86454	(11121618)	578565.01	4141916.41	110.29777	(09121117)
578585.01	4141916.41	114.24229	(12010318)	578605.01	4141916.41	117.11981	(12010318)
578625.01	4141916.41	121.48317	(11112818)	578645.01	4141916.41	128.65709	(11112818)
578665.01	4141916.41	137.29176	(09010809)	578685.01	4141916.41	146.93317	(09010809)
578705.01	4141916.41	153.14871	(09010809)	578725.01	4141916.41	154.91415	(09010809)
578745.01	4141916.41	151.44620	(09010809)	578765.01	4141916.41	151.95636	(12112718)
578785.01	4141916.41	162.98897	(12112718)	578805.01	4141916.41	168.22392	(12112718)
578825.01	4141916.41	173.29997	(09112618)	578845.01	4141916.41	173.85171	(09112618)
578865.01	4141916.41	166.39075	(16120918)	578885.01	4141916.41	153.88664	(14120418)
578905.01	4141916.41	135.88814	(14120418)	578925.01	4141916.41	122.64901	(11112817)

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        578945.01   4141916.41      126.61686  (14103118)              578965.01
4141916.41      130.05972  (14103118)
        578985.01   4141916.41      129.17079  (14103118)              579005.01
4141916.41      124.04163  (14103118)
        579025.01   4141916.41      124.39915  (12121918)              579045.01
4141916.41      128.25913  (12121918)
        579065.01   4141916.41      128.19848  (14121218)              579085.01
4141916.41      131.21146  (14121218)
        579105.01   4141916.41      130.50260  (14121218)              579125.01
4141916.41      126.24519  (14121218)
        579145.01   4141916.41      119.03852  (14121218)              579165.01
4141916.41      109.67310  (14121218)
        579185.01   4141916.41      101.19421  (14020618)              578386.27
4141125.26       76.36983  (12010309)
        578406.27   4141125.26       78.45650  (12010309)              578426.27
4141125.26       80.21984  (12010309)
        578446.27   4141125.26       80.94348  (12010309)              578466.27
4141125.26       80.02065  (12010309)
        578486.27   4141125.26       79.24953  (11122717)              578506.27
4141125.26       78.31386  (11122717)
        578526.27   4141125.26       76.96266  (11122717)              578546.27
4141125.26       74.31842  (11122717)
        578566.27   4141125.26       73.42691  (16020318)              578586.27
4141125.26       77.59452  (16020318)
        578606.27   4141125.26       69.81342  (16020318)              578626.27
4141125.26       82.20895  (16020318)
        578646.27   4141125.26       83.42928  (14112017)              578666.27
4141125.26       81.60997  (14112017)
        578686.27   4141125.26       86.93681  (14112017)              578706.27
4141125.26      105.46869  (14112017)
        578726.27   4141125.26      113.48578  (09012117)              578746.27
4141125.26      105.27312  (09012117)
        578766.27   4141125.26      108.62139  (09012117)              578786.27
4141125.26      109.47869  (09012117)
        578806.27   4141125.26      107.71448  (14121217)              578826.27
4141125.26      112.08446  (14121217)
        578846.27   4141125.26      113.33509  (14121217)              578866.27
4141125.26      111.18611  (14121217)
        578886.27   4141125.26      115.50001  (11010818)              578906.27
4141125.26      118.62168  (14010318)
        578926.27   4141125.26      118.86521  (14010318)              578946.27
4141125.26      120.41608  (16120717)
        578966.27   4141125.26      121.97664  (16120717)              578986.27
4141125.26      121.86770  (10010917)
        579006.27   4141125.26      124.79223  (14122017)              579026.27
4141125.26      123.75283  (10120918)
        579046.27   4141125.26      121.96340  (13121418)              579066.27
4141125.26      121.88562  (16110418)
        579086.27   4141125.26      120.67720  (13122818)              579106.27
4141125.26      120.02110  (13122818)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579166.27	4141125.26	117.80030	(10121417)	579186.27	4141125.26	115.81409	(10121417)
579206.27	4141125.26	112.68768	(11112917)	578386.27	4141145.26	76.07803	(12010309)
578406.27	4141145.26	79.44133	(12010309)	578426.27	4141145.26	81.91015	(12010309)
578446.27	4141145.26	84.23241	(12010309)	578466.27	4141145.26	85.22720	(12010309)
578486.27	4141145.26	84.45235	(12010309)	578506.27	4141145.26	83.46554	(11122717)
578526.27	4141145.26	72.91057	(12010309)	578546.27	4141145.26	81.57548	(11122717)
578566.27	4141145.26	78.74758	(11122717)	578586.27	4141145.26	77.95403	(16020318)
578606.27	4141145.26	82.20024	(16020318)	578626.27	4141145.26	74.32933	(16020318)
578646.27	4141145.26	75.94299	(16020318)	578666.27	4141145.26	91.02804	(14112017)
578686.27	4141145.26	100.18434	(14112017)	578706.27	4141145.26	107.66105	(14112017)
578726.27	4141145.26	101.31281	(09012117)	578746.27	4141145.26	108.45041	(09012117)
578766.27	4141145.26	113.42010	(09012117)	578786.27	4141145.26	115.83097	(09012117)
578806.27	4141145.26	115.22560	(09012117)	578826.27	4141145.26	117.17467	(14121217)

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        578846.27   4141145.26      119.84180  (14121217)              578866.27
4141145.26      118.87714  (14121217)
        578886.27   4141145.26      121.39813  (11010818)              578906.27
4141145.26      124.99803  (14010318)
        578926.27   4141145.26      126.16558  (14010318)              578946.27
4141145.26      127.05305  (16120717)
        578966.27   4141145.26      129.22306  (16120717)              578986.27
4141145.26      129.13670  (10010917)
        579006.27   4141145.26      132.23114  (14122017)              579026.27
4141145.26      131.06271  (10120918)
        579046.27   4141145.26      128.84031  (13121418)              579066.27
4141145.26      129.22042  (16110418)
        579086.27   4141145.26      128.24814  (13122818)              579106.27
4141145.26      127.85758  (09012317)
        579126.27   4141145.26      128.79510  (09012317)              579146.27
4141145.26      124.76898  (09012317)
        579166.27   4141145.26      124.72469  (10121417)              579186.27
4141145.26      121.04900  (10121417)
        579206.27   4141145.26      118.02488  (11112917)              578723.62
4141929.59      145.92165  (09010809)
        578743.62   4141929.59      143.60150  (16121017)              578763.62
4141929.59      148.44136  (12112718)
        578783.62   4141929.59      156.95380  (12112718)              578803.62
4141929.59      159.82354  (12112718)
        578823.62   4141929.59      165.44793  (09112618)              578843.62
4141929.59      164.05384  (09112618)
        578863.62   4141929.59      156.49062  (16120918)              578883.62
4141929.59      144.02299  (14120418)
        578903.62   4141929.59      126.39744  (14120418)              578923.62
4141929.59      115.87573  (11112817)
        578943.62   4141929.59      120.18022  (14103118)              578963.62
4141929.59      123.43005  (14103118)
        578983.62   4141929.59      122.77535  (14103118)              579003.62
4141929.59      118.30786  (14103118)
        579023.62   4141929.59      117.17517  (12121918)              579043.62
4141929.59      121.51292  (12121918)
        579063.62   4141929.59      121.94661  (12121918)              579083.62
4141929.59      124.25419  (14121218)
        579103.62   4141929.59      124.51290  (14121218)              579123.62
4141929.59      121.56729  (14121218)
        579143.62   4141929.59      115.77285  (14121218)              579163.62
4141929.59      107.69638  (14121218)
        579183.62   4141929.59       98.22775  (14121218)              578725.67
4141942.60      135.94790  (09010809)
        578745.67   4141942.60      136.20295  (16121017)              578765.67
4141942.60      145.93547  (12112718)
        578785.67   4141942.60      151.36197  (12112718)              578805.67
4141942.60      155.06538  (09112618)
        578825.67   4141942.60      157.82766  (09112618)              578845.67
4141942.60      153.67322  (09112618)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP7 ***
INCLUDING SOURCE(S): CONSTR2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578865.67	4141942.60	145.51948	(16120918)	578885.67	4141942.60	132.36600	(14120418)
578905.67	4141942.60	114.47003	(14120418)	578925.67	4141942.60	109.35194	(14103118)
578945.67	4141942.60	115.13099	(14103118)	578965.67	4141942.60	117.60870	(14103118)
578985.67	4141942.60	116.53470	(14103118)	579005.67	4141942.60	112.04030	(14103118)
579025.67	4141942.60	111.65215	(12121918)	579045.67	4141942.60	115.70581	(12121918)
579065.67	4141942.60	116.24229	(12121918)	579085.67	4141942.60	118.16990	(14121218)
579105.67	4141942.60	118.75474	(14121218)	579125.67	4141942.60	116.35378	(14121218)
579145.67	4141942.60	111.32861	(14121218)	579165.67	4141942.60	104.23334	(14121218)
579185.67	4141942.60	95.56922	(14121218)	578745.52	4141955.60	133.96552	(12112718)
578765.52	4141955.60	141.68842	(12112718)	578785.52	4141955.60	144.87208	(12112718)
578805.52	4141955.60	149.37355	(09112618)	578825.52	4141955.60	149.99831	(09112618)
578845.52	4141955.60	144.84261	(16120918)	578865.52	4141955.60	135.98634	(16120918)
578885.52	4141955.60	123.08320	(14120418)	578905.52	4141955.60	107.42275	(11112817)
578925.52	4141955.60	104.77430	(14103118)	578945.52	4141955.60	109.96009	(14103118)

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        578965.52   4141955.60      112.13597  (14103118)              578985.52
4141955.60      111.05972  (14103118)
        579005.52   4141955.60      106.89633  (14103118)              579025.52
4141955.60      105.93309  (12121918)
        579045.52   4141955.60      110.11762  (12121918)              579065.52
4141955.60      111.08917  (12121918)
        579085.52   4141955.60      112.26728  (14121218)              579105.52
4141955.60      113.46276  (14121218)
        579125.52   4141955.60      111.85818  (14121218)              579145.52
4141955.60      107.76441  (14121218)
        579165.52   4141955.60      101.60909  (14121218)              579185.52
4141955.60       93.97679  (14121218)
        578785.22   4141971.34      138.21256  (09112618)              578805.22
4141971.34      142.20032  (09112618)
        578825.22   4141971.34      140.71095  (09112618)              578845.22
4141971.34      135.29283  (16120918)
        578865.22   4141971.34      125.64642  (14120418)              578885.22
4141971.34      112.95970  (14120418)
        578905.22   4141971.34      100.93812  (11112817)              578925.22
4141971.34       99.60134  (14103118)
        578945.22   4141971.34      104.20138  (14103118)              578965.22
4141971.34      106.08054  (14103118)
        578985.22   4141971.34      105.03689  (14103118)              579005.22
4141971.34      101.21451  (14103118)
        579025.22   4141971.34       99.51053  (12121918)              579045.22
4141971.34      103.81303  (12121918)
        579065.22   4141971.34      105.24856  (12121918)              579085.22
4141971.34      105.59616  (14121218)
        579105.22   4141971.34      107.38145  (14121218)              579125.22
4141971.34      106.63199  (14121218)
        579145.22   4141971.34      103.52194  (14121218)              579165.22
4141971.34       98.47535  (14121218)
        579185.22   4141971.34       91.85625  (14121218)              578790.01
4141986.40      134.24577  (09112618)
        578810.01   4141986.40      134.92284  (09112618)              578830.01
4141986.40      130.90876  (16120918)
        578850.01   4141986.40      124.15409  (16120918)              578870.01
4141986.40      113.97667  (14120418)
        578890.01   4141986.40      100.14246  (14120418)              578910.01
4141986.40       94.23390  (11112817)
        578930.01   4141986.40       96.29575  (14103118)              578950.01
4141986.40       99.80785  (14103118)
        578970.01   4141986.40      100.78810  (14103118)              578990.01
4141986.40       99.13888  (14103118)
        579010.01   4141986.40       94.99657  (14103118)              579030.01
4141986.40       95.26027  (12121918)
        579050.01   4141986.40       98.92751  (12121918)              579070.01
4141986.40      100.04846  (12121918)
        579090.01   4141986.40      100.45818  (14121218)              579110.01
4141986.40      102.10621  (14121218)
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        579130.01   4141986.40      101.42740  (14121218)                579150.01
4141986.40       98.67264  (14121218)
        579170.01   4141986.40       94.09000  (14121218)                579190.01
4141986.40       88.04811  (14121218)
        578810.54   4142001.46      127.42135  (09112618)                578830.54
4142001.46      123.08959  (16120918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 716
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP7   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578850.54   4142001.46      115.34845  (14120418)                578870.54
4142001.46      105.12954  (14120418)
        578890.54   4142001.46       91.97465  (11112817)                578910.54
4142001.46       88.77289  (11112817)
        578930.54   4142001.46       92.16372  (14103118)                578950.54
4142001.46       95.17701  (14103118)
        578970.54   4142001.46       95.90691  (14103118)                578990.54
4142001.46       94.24831  (14103118)
        579010.54   4142001.46       90.38089  (14103118)                579030.54
4142001.46       90.33105  (12121918)
        579050.54   4142001.46       93.96008  (12121918)                579070.54
4142001.46       95.27302  (12121918)
        579090.54   4142001.46       95.10131  (14121218)                579110.54
4142001.46       97.08514  (14121218)
        579130.54   4142001.46       96.94925  (14121218)                579150.54
4142001.46       94.87671  (14121218)
        579170.54   4142001.46       91.05467  (14121218)                579190.54
4142001.46       85.76343  (14121218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	97.28903	(12010309)	578405.01	4141176.41	110.53541	(12010309)
578425.01	4141176.41	121.96713	(12010309)	578445.01	4141176.41	130.34775	(12010309)
578465.01	4141176.41	137.11055	(12010309)	578485.01	4141176.41	139.66568	(12010309)
578505.01	4141176.41	137.28972	(12010309)	578525.01	4141176.41	136.14535	(11122717)
578545.01	4141176.41	133.56391	(11122717)	578565.01	4141176.41	127.34907	(11122717)
578585.01	4141176.41	117.34372	(11122717)	578605.01	4141176.41	115.83579	(16020318)
578625.01	4141176.41	128.46537	(16020318)	578645.01	4141176.41	137.26825	(16020318)
578665.01	4141176.41	139.76821	(16020318)	578685.01	4141176.41	136.88283	(16020318)
578705.01	4141176.41	147.49475	(14112017)	578725.01	4141176.41	166.87193	(14112017)
578745.01	4141176.41	178.84683	(14112017)	578765.01	4141176.41	189.13400	(09012117)
578785.01	4141176.41	202.24956	(09012117)	578805.01	4141176.41	203.21379	(09012117)
578825.01	4141176.41	197.53353	(17122818)	578845.01	4141176.41	207.91466	(14121217)
578865.01	4141176.41	208.17114	(14121217)	578885.01	4141176.41	207.72242	(11010818)
578905.01	4141176.41	220.38696	(11010818)	578925.01	4141176.41	226.77317	(14010318)
578945.01	4141176.41	220.40235	(16120717)	578965.01	4141176.41	233.81551	(16120717)
578985.01	4141176.41	231.37105	(10010917)	579005.01	4141176.41	241.95518	(14122017)

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        579025.01   4141176.41      243.66573  (10120918)                579045.01
4141176.41      235.95703  (13121418)
        579065.01   4141176.41      244.81556  (16110418)                579085.01
4141176.41      248.37813  (09011617)
        579105.01   4141176.41      245.83599  (09012317)                579125.01
4141176.41      249.23941  (09012317)
        579145.01   4141176.41      247.33605  (10121417)                579165.01
4141176.41      247.87271  (10121417)
        579185.01   4141176.41      243.38740  (11112917)                579205.01
4141176.41      235.52219  (10010418)
        579225.01   4141176.41      235.33610  (12111418)                578385.01
4141196.41       82.36083  (12010309)
        578405.01   4141196.41       97.14208  (12010309)                578425.01
4141196.41      111.39702  (12010309)
        578445.01   4141196.41      124.45764  (12010309)                578465.01
4141196.41      135.12813  (12010309)
        578485.01   4141196.41      142.47082  (12010309)                578505.01
4141196.41      146.05078  (12010309)
        578525.01   4141196.41      145.09107  (12010309)                578545.01
4141196.41      143.29043  (11122717)
        578565.01   4141196.41      141.89641  (11122717)                578585.01
4141196.41      135.95159  (11122717)
        578605.01   4141196.41      125.68583  (11122717)                578625.01
4141196.41      123.84371  (16020318)
        578645.01   4141196.41      137.04832  (16020318)                578665.01
4141196.41      145.42835  (16020318)
        578685.01   4141196.41      147.62269  (16020318)                578705.01
4141196.41      143.24797  (16020318)
        578725.01   4141196.41      163.58396  (14112017)                578745.01
4141196.41      181.57824  (14112017)
        578765.01   4141196.41      190.71148  (13111917)                578785.01
4141196.41      206.86245  (09012117)
        578805.01   4141196.41      214.80823  (09012117)                578825.01
4141196.41      209.70963  (17122818)
        578845.01   4141196.41      214.07126  (14121217)                578865.01
4141196.41      220.56794  (14121217)
        578885.01   4141196.41      212.46196  (11010818)                578905.01
4141196.41      230.29002  (11010818)
        578925.01   4141196.41      238.46880  (14010318)                578945.01
4141196.41      231.40686  (14010318)
        578965.01   4141196.41      245.86970  (16120717)                578985.01
4141196.41      243.63508  (10010917)
        579005.01   4141196.41      255.12706  (14122017)                579025.01
4141196.41      257.22572  (10120918)
        579045.01   4141196.41      249.60387  (16112517)                579065.01
4141196.41      259.08107  (09011617)
        579085.01   4141196.41      261.34626  (13122818)                579105.01
4141196.41      264.52357  (09012317)
* *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	263.12849	(16010818)	579145.01	4141196.41	266.52479	(10121417)
579165.01	4141196.41	258.16983	(11112917)	579185.01	4141196.41	252.90005	(10010418)
579205.01	4141196.41	251.53213	(13113018)	579225.01	4141196.41	251.50919	(12111418)
579245.01	4141196.41	251.61442	(09011017)	578385.01	4141216.41	66.08332	(12010309)
578405.01	4141216.41	80.92306	(12010309)	578425.01	4141216.41	96.63224	(12010309)
578445.01	4141216.41	112.35215	(12010309)	578465.01	4141216.41	126.81009	(12010309)
578485.01	4141216.41	139.05258	(12010309)	578505.01	4141216.41	148.50729	(12010309)
578525.01	4141216.41	152.74021	(12010309)	578545.01	4141216.41	154.10114	(12010309)
578565.01	4141216.41	151.60528	(11122717)	578585.01	4141216.41	150.97720	(11122717)
578605.01	4141216.41	145.31072	(11122717)	578625.01	4141216.41	134.97508	(11122717)
578645.01	4141216.41	133.07549	(16020318)	578665.01	4141216.41	146.61669	(16020318)
578685.01	4141216.41	154.57766	(16020318)	578705.01	4141216.41	155.78086	(16020318)
578725.01	4141216.41	156.69899	(14112017)	578745.01	4141216.41	180.64513	(14112017)
578765.01	4141216.41	196.54014	(14112017)	578785.01	4141216.41	208.22117	(09012117)
578805.01	4141216.41	223.56241	(09012117)	578825.01	4141216.41	225.30281	(09012117)

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        578845.01   4141216.41      220.00348  (14112818)              578925.01
4141216.41      250.15968  (14010318)
        578945.01   4141216.41      247.44580  (14010318)              578965.01
4141216.41      258.70409  (16120717)
        578985.01   4141216.41      257.23994  (10010917)              579005.01
4141216.41      269.72060  (14122017)
        579025.01   4141216.41      271.97735  (10120918)              579045.01
4141216.41      266.19725  (16112517)
        579065.01   4141216.41      277.77105  (09011617)              579085.01
4141216.41      276.05004  (13122818)
        579105.01   4141216.41      282.92342  (09012317)              579125.01
4141216.41      278.88148  (16010818)
        579145.01   4141216.41      283.44019  (10121417)              579165.01
4141216.41      276.51816  (11112917)
        579185.01   4141216.41      267.55976  (10010418)              579205.01
4141216.41      268.77205  (12111418)
        579225.01   4141216.41      265.46009  (09011017)              579245.01
4141216.41      265.44696  (09011017)
        578385.01   4141236.41       83.88000  (09110418)              578405.01
4141236.41       77.13614  (09110418)
        578425.01   4141236.41       79.15379  (12010309)              578445.01
4141236.41       95.85338  (12010309)
        578465.01   4141236.41      112.87984  (12010309)              578485.01
4141236.41      129.10448  (12010309)
        578505.01   4141236.41      142.28222  (12010309)              578525.01
4141236.41      153.55429  (12010309)
        578545.01   4141236.41      160.97405  (12010309)              578565.01
4141236.41      163.79790  (12010309)
        578585.01   4141236.41      161.59225  (12010309)              578605.01
4141236.41      160.79191  (11122717)
        578625.01   4141236.41      155.64391  (11122717)              578645.01
4141236.41      145.34869  (11122717)
        578665.01   4141236.41      143.09363  (16020318)              578685.01
4141236.41      156.94681  (16020318)
        578705.01   4141236.41      164.40876  (16020318)              578725.01
4141236.41      164.53450  (16020318)
        578745.01   4141236.41      175.71162  (14112017)              578765.01
4141236.41      198.48838  (14112017)
        578785.01   4141236.41      211.50541  (14112017)              578805.01
4141236.41      229.03187  (09012117)
        578825.01   4141236.41      238.67867  (09012117)              578945.01
4141236.41      264.19737  (14010318)
        578965.01   4141236.41      272.23318  (16120717)              578985.01
4141236.41      272.47200  (15010818)
        579005.01   4141236.41      285.60524  (14122017)              579025.01
4141236.41      288.19768  (10120918)
        579045.01   4141236.41      284.02766  (16112517)              579065.01
4141236.41      297.52668  (09011617)
        579085.01   4141236.41      292.34962  (13121417)              579105.01
4141236.41      300.56691  (09012317)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	300.00062	(10121417)	579145.01	4141236.41	296.53773	(10121417)
579165.01	4141236.41	289.72168	(11112917)	579185.01	4141236.41	287.54968	(13113018)
579205.01	4141236.41	286.72010	(12111418)	579225.01	4141236.41	288.62445	(09011017)
579245.01	4141236.41	275.07865	(10120217)	578385.01	4141256.41	100.95058	(09110418)
578405.01	4141256.41	95.77285	(09110418)	578425.01	4141256.41	89.48125	(09110418)
578445.01	4141256.41	82.29106	(09110418)	578465.01	4141256.41	94.70399	(12010309)
578485.01	4141256.41	113.09491	(12010309)	578505.01	4141256.41	130.40070	(12010309)
578525.01	4141256.41	146.68206	(12010309)	578545.01	4141256.41	160.09475	(12010309)
578565.01	4141256.41	169.57159	(12010309)	578585.01	4141256.41	174.17714	(12010309)
578605.01	4141256.41	173.27099	(12010309)	578625.01	4141256.41	171.53230	(11122717)
578645.01	4141256.41	167.00439	(11122717)	578665.01	4141256.41	156.81640	(11122717)
578685.01	4141256.41	154.12510	(16020318)	578705.01	4141256.41	168.21669	(16020318)
578725.01	4141256.41	175.07755	(16020318)	578745.01	4141256.41	173.88929	(16020318)
578765.01	4141256.41	196.21247	(14112017)	578785.01	4141256.41	216.94334	(14112017)

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        578805.01   4141256.41      230.95685  (09012117)               578965.01
4141256.41      286.80663  (16120717)
        578985.01   4141256.41      289.49901  (15010818)               579005.01
4141256.41      303.35523  (09013118)
        579025.01   4141256.41      306.10503  (10120918)               579045.01
4141256.41      304.71793  (16110418)
        579065.01   4141256.41      318.71466  (09011617)               579085.01
4141256.41      315.27809  (09012317)
        579105.01   4141256.41      319.77741  (16010818)               579125.01
4141256.41      325.13169  (10121417)
        579145.01   4141256.41      317.18559  (11112917)               579165.01
4141256.41      308.01704  (10010418)
        579185.01   4141256.41      310.69052  (12111418)               579205.01
4141256.41      309.97504  (09011017)
        579225.01   4141256.41      299.27936  (09011017)               579245.01
4141256.41      296.32461  (12111417)
        579265.01   4141256.41      275.05286  (12111417)               578385.01
4141276.41      112.37964  (09110418)
        578405.01   4141276.41      112.05874  (09110418)               578425.01
4141276.41      108.20513  (09110418)
        578445.01   4141276.41      102.58838  (09110418)               578465.01
4141276.41       96.06254  (09110418)
        578485.01   4141276.41       93.15002  (12010309)               578505.01
4141276.41      112.82014  (12010309)
        578525.01   4141276.41      132.49119  (12010309)               578545.01
4141276.41      150.99884  (12010309)
        578565.01   4141276.41      166.79364  (12010309)               578585.01
4141276.41      178.60108  (12010309)
        578605.01   4141276.41      185.15884  (12010309)               578625.01
4141276.41      185.86064  (12010309)
        578645.01   4141276.41      183.24399  (11122717)               578665.01
4141276.41      179.59995  (11122717)
        578685.01   4141276.41      169.58813  (11122717)               578705.01
4141276.41      166.39993  (16020318)
        578725.01   4141276.41      180.57007  (16020318)               578745.01
4141276.41      186.64405  (16020318)
        578765.01   4141276.41      189.47622  (14112017)               578785.01
4141276.41      218.09198  (14112017)
        578985.01   4141276.41      308.20652  (15010818)               579005.01
4141276.41      323.07401  (09013118)
        579025.01   4141276.41      326.50805  (13121418)               579045.01
4141276.41      327.83114  (16110418)
        579065.01   4141276.41      341.31625  (09011617)               579085.01
4141276.41      342.71557  (09012317)
        579105.01   4141276.41      342.99511  (16010818)               579125.01
4141276.41      347.14260  (10121417)
        579145.01   4141276.41      337.29298  (11112917)               579165.01
4141276.41      333.50263  (13113018)
        579185.01   4141276.41      330.60909  (12111418)               579205.01
4141276.41      332.53031  (09011017)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141276.41	321.20055	(12111417)	579245.01	4141276.41	306.07583	(12111417)
579265.01	4141276.41	294.11520	(17121318)	578385.01	4141296.41	121.74410	(09110418)
578405.01	4141296.41	121.71458	(09110418)	578425.01	4141296.41	122.75642	(09110418)
578445.01	4141296.41	120.62576	(09110418)	578465.01	4141296.41	116.29925	(09110418)
578485.01	4141296.41	110.72861	(09110418)	578505.01	4141296.41	103.48157	(09110418)
578525.01	4141296.41	112.36594	(12010309)	578545.01	4141296.41	134.19063	(12010309)
578565.01	4141296.41	155.17408	(12010309)	578585.01	4141296.41	173.62915	(12010309)
578605.01	4141296.41	187.98441	(12010309)	578625.01	4141296.41	196.89504	(12010309)
578645.01	4141296.41	199.49408	(12010309)	578665.01	4141296.41	196.07637	(11122717)
578685.01	4141296.41	193.46665	(11122717)	578705.01	4141296.41	183.95336	(11122717)
578725.01	4141296.41	180.10754	(16020318)	578745.01	4141296.41	194.15198	(16020318)
579005.01	4141296.41	345.08090	(09013118)	579025.01	4141296.41	349.07013	(13121418)
579045.01	4141296.41	354.07861	(09011617)	579065.01	4141296.41	364.83718	(09011617)
579085.01	4141296.41	370.39496	(09012317)	579105.01	4141296.41	374.32361	(10121417)

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        579125.01   4141296.41      368.26211  (11112917)              579145.01
4141296.41      360.09415  (10010418)
        579165.01   4141296.41      364.39792  (12111418)              579185.01
4141296.41      365.26675  (09011017)
        579205.01   4141296.41      348.33359  (10120217)              579225.01
4141296.41      340.81297  (12111417)
        579245.01   4141296.41      321.74054  (17121318)              579265.01
4141296.41      302.17278  (17121318)
        579285.01   4141296.41      300.91441  (13110618)              578385.01
4141316.41      121.82829  (09110418)
        578405.01   4141316.41      127.32121  (09110418)              578425.01
4141316.41      129.95896  (09110418)
        578445.01   4141316.41      132.02210  (09110418)              578465.01
4141316.41      132.90966  (09110418)
        578485.01   4141316.41      130.49216  (09110418)              578505.01
4141316.41      126.56272  (09110418)
        578525.01   4141316.41      120.44214  (09110418)              578545.01
4141316.41      112.28055  (09110418)
        578565.01   4141316.41      135.46261  (12010309)              578585.01
4141316.41      159.16494  (12010309)
        578605.01   4141316.41      180.60814  (12010309)              578625.01
4141316.41      197.87685  (12010309)
        578645.01   4141316.41      209.44566  (12010309)              578665.01
4141316.41      214.23779  (12010309)
        578685.01   4141316.41      211.87475  (12010309)              578705.01
4141316.41      208.88441  (11122717)
        578725.01   4141316.41      200.10868  (11122717)              579025.01
4141316.41      374.20675  (13121418)
        579045.01   4141316.41      387.05720  (09011617)              579065.01
4141316.41      390.03355  (09011617)
        579085.01   4141316.41      400.21731  (16010818)              579105.01
4141316.41      409.74559  (10121417)
        579125.01   4141316.41      398.97200  (11112917)              579145.01
4141316.41      393.48516  (13113018)
        579165.01   4141316.41      395.12185  (09011017)              579185.01
4141316.41      384.82643  (09011017)
        579205.01   4141316.41      379.25331  (12111417)              579225.01
4141316.41      354.18586  (17121518)
        579245.01   4141316.41      335.66403  (17121318)              579265.01
4141316.41      330.87402  (13110618)
        579285.01   4141316.41      310.63540  (15011018)              578385.01
4141336.41      114.00863  (09110418)
        578405.01   4141336.41      123.12537  (09110418)              578425.01
4141336.41      130.96874  (09110418)
        578445.01   4141336.41      136.33421  (09110418)              578465.01
4141336.41      141.50940  (09110418)
        578485.01   4141336.41      144.04258  (09110418)              578505.01
4141336.41      144.63787  (09110418)
        578525.01   4141336.41      142.86303  (09110418)              578545.01
4141336.41      138.56256  (09110418)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578565.01	4141336.41	131.66414	(09110418)	578585.01	4141336.41	136.17776	(12010309)
578605.01	4141336.41	162.91505	(12010309)	578625.01	4141336.41	187.69912	(12010309)
578645.01	4141336.41	208.23352	(12010309)	578665.01	4141336.41	222.86680	(12010309)
578685.01	4141336.41	230.18790	(12010309)	578705.01	4141336.41	229.99369	(12010309)
579025.01	4141336.41	402.86616	(13121418)	579045.01	4141336.41	423.88151	(09011617)
579065.01	4141336.41	424.19090	(09012317)	579085.01	4141336.41	437.48902	(16010818)
579105.01	4141336.41	440.89385	(10121417)	579125.01	4141336.41	429.73321	(10010418)
579145.01	4141336.41	435.53630	(12111418)	579165.01	4141336.41	434.97120	(09011017)
579185.01	4141336.41	421.57924	(12111417)	579205.01	4141336.41	392.90682	(17121518)
579225.01	4141336.41	375.40739	(17121318)	579245.01	4141336.41	366.28681	(13110618)
579265.01	4141336.41	342.44857	(15011018)	579285.01	4141336.41	298.88061	(15011018)
578385.01	4141356.41	117.69304	(16030918)	578405.01	4141356.41	117.90681	(16030918)
578425.01	4141356.41	121.02735	(09110418)	578445.01	4141356.41	131.29581	(09110418)
578465.01	4141356.41	140.62757	(09110418)	578485.01	4141356.41	148.82354	(09110418)

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        578505.01   4141356.41      154.70885  (09110418)              578525.01
4141356.41      158.06399  (09110418)
        578545.01   4141356.41      159.14455  (09110418)              578565.01
4141356.41      157.38085  (09110418)
        578585.01   4141356.41      152.53800  (09110418)              578605.01
4141356.41      144.96638  (09110418)
        578625.01   4141356.41      166.33565  (12010309)              578645.01
4141356.41      194.83968  (12010309)
        578665.01   4141356.41      219.28419  (12010309)              578685.01
4141356.41      237.30674  (12010309)
        579025.01   4141356.41      436.09346  (13121418)              579045.01
4141356.41      465.52117  (09011617)
        579065.01   4141356.41      469.96192  (09012317)              579085.01
4141356.41      486.36577  (10121417)
        579105.01   4141356.41      480.97557  (11112917)              579125.01
4141356.41      477.16383  (12111418)
        579145.01   4141356.41      484.58240  (09011017)              579165.01
4141356.41      466.80711  (12111417)
        579185.01   4141356.41      441.34653  (12111417)              579205.01
4141356.41      422.90144  (17121318)
        579225.01   4141356.41      408.75077  (13110618)              579245.01
4141356.41      380.29836  (15011018)
        579265.01   4141356.41      326.76666  (15011018)              579285.01
4141356.41      276.91868  (09011517)
        579305.01   4141356.41      250.71428  (09011517)              578385.01
4141376.41      123.22362  (16030918)
        578405.01   4141376.41      127.00098  (16030918)              578425.01
4141376.41      129.81282  (16030918)
        578445.01   4141376.41      131.53423  (16030918)              578465.01
4141376.41      131.93441  (16030918)
        578485.01   4141376.41      142.16349  (09110418)              578505.01
4141376.41      153.32710  (09110418)
        578525.01   4141376.41      163.04549  (09110418)              578545.01
4141376.41      169.91151  (09110418)
        578565.01   4141376.41      174.61409  (09110418)              578585.01
4141376.41      176.19365  (09110418)
        578605.01   4141376.41      174.44410  (09110418)              578625.01
4141376.41      169.27049  (09110418)
        578645.01   4141376.41      169.36012  (12010309)              578665.01
4141376.41      202.25223  (12010309)
        578685.01   4141376.41      231.08552  (12010309)              579005.01
4141376.41      466.09899  (09013118)
        579025.01   4141376.41      474.68946  (13121418)              579045.01
4141376.41      512.52365  (09011617)
        579065.01   4141376.41      521.31217  (16010818)              579085.01
4141376.41      540.87684  (10121417)
        579105.01   4141376.41      525.45362  (10010418)              579125.01
4141376.41      533.18315  (12111418)
        579145.01   4141376.41      525.50268  (10120217)              579165.01
4141376.41      508.82319  (12111417)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141376.41	480.69179	(17121318)	579205.01	4141376.41	460.45304	(13110618)
579225.01	4141376.41	425.91420	(15011018)	579245.01	4141376.41	359.27850	(15011018)
579265.01	4141376.41	307.05599	(09011517)	579285.01	4141376.41	272.37572	(12120718)
579305.01	4141376.41	263.50958	(17122918)	578385.01	4141396.41	121.09115	(16030918)
578405.01	4141396.41	127.79871	(16030918)	578425.01	4141396.41	133.91734	(16030918)
578445.01	4141396.41	139.33384	(16030918)	578465.01	4141396.41	143.82504	(16030918)
578485.01	4141396.41	147.02150	(16030918)	578505.01	4141396.41	148.71323	(16030918)
578525.01	4141396.41	155.01505	(09110418)	578545.01	4141396.41	167.95586	(09110418)
578565.01	4141396.41	179.31127	(09110418)	578585.01	4141396.41	188.17610	(09110418)
578605.01	4141396.41	194.02294	(09110418)	578625.01	4141396.41	196.30697	(09110418)
578645.01	4141396.41	194.80250	(09110418)	578665.01	4141396.41	189.37642	(09110418)
579005.01	4141396.41	508.45167	(09013118)	579025.01	4141396.41	523.81088	(09011617)
579045.01	4141396.41	566.80405	(09011617)	579065.01	4141396.41	586.14510	(16010818)
579085.01	4141396.41	592.54512	(11112917)	579105.01	4141396.41	598.68378	(12111418)

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        579125.01   4141396.41      606.95786  (09011017)              579145.01
4141396.41      587.76380  (12111417)
        579165.01   4141396.41      551.59801  (17121318)              579185.01
4141396.41      524.65232  (13110618)
        579205.01   4141396.41      481.97293  (15011018)              579225.01
4141396.41      397.60365  (15011018)
        579245.01   4141396.41      341.92067  (09011517)              579265.01
4141396.41      306.63162  (12120718)
        579285.01   4141396.41      295.64922  (17122918)              579305.01
4141396.41      280.48654  (14011818)
        578385.01   4141416.41      126.58538  (14120118)              578405.01
4141416.41      125.67651  (14120118)
        578425.01   4141416.41      128.48366  (16030918)              578445.01
4141416.41      137.16158  (16030918)
        578465.01   4141416.41      145.38187  (16030918)              578485.01
4141416.41      152.92147  (16030918)
        578505.01   4141416.41      159.36774  (16030918)              578525.01
4141416.41      164.59471  (16030918)
        578545.01   4141416.41      168.24071  (16030918)              578565.01
4141416.41      169.97499  (16030918)
        578585.01   4141416.41      185.16144  (09110418)              578605.01
4141416.41      198.97100  (09110418)
        578625.01   4141416.41      209.92870  (09110418)              578645.01
4141416.41      217.23886  (09110418)
        578665.01   4141416.41      220.52795  (09110418)              579025.01
4141416.41      592.15920  (09011617)
        579045.01   4141416.41      631.72034  (09011617)              579065.01
4141416.41      670.64020  (10121417)
        579085.01   4141416.41      666.63448  (11010718)              579105.01
4141416.41      688.47830  (09011017)
        579125.01   4141416.41      678.67235  (12111417)              579145.01
4141416.41      640.16486  (17121318)
        579165.01   4141416.41      606.19330  (13110618)              579185.01
4141416.41      552.03812  (15011018)
        579205.01   4141416.41      443.24874  (15011018)              579225.01
4141416.41      382.12743  (09011517)
        579245.01   4141416.41      353.87011  (17122918)              579265.01
4141416.41      331.31862  (14011818)
        579285.01   4141416.41      316.75524  (14011818)              579305.01
4141416.41      291.27893  (14011818)
        578385.01   4141436.41      144.93352  (14120118)              578405.01
4141436.41      147.05928  (14120118)
        578425.01   4141436.41      148.60392  (14120118)              578445.01
4141436.41      149.42372  (14120118)
        578465.01   4141436.41      149.40373  (14120118)              578485.01
4141436.41      148.50116  (14120118)
        578505.01   4141436.41      157.35827  (16030918)              578525.01
4141436.41      167.56516  (16030918)
        578545.01   4141436.41      176.72339  (16030918)              578565.01
4141436.41      184.56381  (16030918)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578585.01	4141436.41	190.82894	(16030918)	578605.01	4141436.41	195.02145	(16030918)
578625.01	4141436.41	205.93741	(09110418)	578645.01	4141436.41	222.82512	(09110418)
579025.01	4141436.41	674.65044	(09011617)	579045.01	4141436.41	718.67077	(16010818)
579065.01	4141436.41	773.00772	(10121417)	579085.01	4141436.41	788.20803	(12111418)
579105.01	4141436.41	790.88092	(10120217)	579125.01	4141436.41	752.98430	(17121318)
579145.01	4141436.41	712.76510	(13110618)	579165.01	4141436.41	642.23826	(15011018)
579185.01	4141436.41	498.76304	(15011018)	579205.01	4141436.41	430.25196	(12120718)
579225.01	4141436.41	408.16220	(17122918)	579245.01	4141436.41	384.59012	(14011818)
579265.01	4141436.41	353.23868	(14011818)	579285.01	4141436.41	327.89810	(17120218)
579305.01	4141436.41	306.20089	(17120218)	579325.01	4141436.41	279.91936	(09120518)
578385.01	4141456.41	153.40122	(14120118)	578405.01	4141456.41	158.80016	(14120118)
578425.01	4141456.41	163.85576	(14120118)	578445.01	4141456.41	168.46525	(14120118)
578465.01	4141456.41	172.48581	(14120118)	578485.01	4141456.41	175.78812	(14120118)
578505.01	4141456.41	178.08653	(14120118)	578525.01	4141456.41	179.64797	(14120118)

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        578545.01   4141456.41      179.83778  (14120118)              578565.01
4141456.41      183.22464  (16030918)
        578585.01   4141456.41      196.06816  (16030918)              578605.01
4141456.41      207.58482  (16030918)
        578625.01   4141456.41      217.36609  (16030918)              578645.01
4141456.41      224.91143  (16030918)
        579045.01   4141456.41      852.20085  (16010818)              579065.01
4141456.41      895.66933  (11010718)
        579085.01   4141456.41      948.65355  (09011017)              579105.01
4141456.41      909.17562  (12111417)
        579125.01   4141456.41      856.70604  (13110618)              579145.01
4141456.41      761.84639  (15011018)
        579165.01   4141456.41      587.41192  (09011517)              579185.01
4141456.41      516.50896  (17122918)
        579205.01   4141456.41      480.03769  (14011818)              579225.01
4141456.41      441.06516  (14011818)
        579245.01   4141456.41      402.06530  (17120218)              579265.01
4141456.41      370.49985  (17120218)
        578385.01   4141476.41      149.50230  (14120118)              578405.01
4141476.41      157.65420  (14120118)
        578425.01   4141476.41      165.79591  (14120118)              578445.01
4141476.41      173.91442  (14120118)
        578465.01   4141476.41      181.94894  (14120118)              578485.01
4141476.41      189.78884  (14120118)
        578505.01   4141476.41      197.06673  (14120118)              578525.01
4141476.41      204.01379  (14120118)
        578545.01   4141476.41      209.75603  (14120118)              578565.01
4141476.41      214.81643  (14120118)
        578585.01   4141476.41      218.72171  (14120118)              578605.01
4141476.41      221.31003  (14120118)
        578625.01   4141476.41      222.35160  (14120118)              578645.01
4141476.41      233.93950  (16030918)
        579065.01   4141476.41     1129.65153  (12111418)              579085.01
4141476.41     1145.51824  (12111417)
        579105.01   4141476.41     1062.06876  (13110618)              579125.01
4141476.41      925.87293  (15011018)
        579145.01   4141476.41      704.11163  (09011517)              579165.01
4141476.41      624.78143  (17122918)
        579185.01   4141476.41      573.24722  (14011818)              579205.01
4141476.41      511.39661  (17120218)
        579225.01   4141476.41      462.43138  (17120218)              578385.01
4141496.41      137.11010  (17020418)
        578405.01   4141496.41      145.34855  (17020418)              578425.01
4141496.41      153.83042  (17020418)
        578445.01   4141496.41      163.58953  (14120118)              578465.01
4141496.41      174.49217  (14120118)
        578485.01   4141496.41      185.85584  (14120118)              578505.01
4141496.41      197.30521  (14120118)
        578525.01   4141496.41      209.22371  (14120118)              578545.01
4141496.41      220.60160  (14120118)
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        578565.01   4141496.41      231.98136  (14120118)                578585.01
4141496.41      242.95799  (14120118)
        578605.01   4141496.41      253.22131  (14120118)                578625.01
4141496.41      262.53395  (14120118)
        578645.01   4141496.41      270.79584  (14120118)                579085.01
4141496.41     1384.52809  (13110618)
        579105.01   4141496.41     1167.21417  (15011018)                579125.01
4141496.41      877.00340  (17122918)
        579145.01   4141496.41      790.24785  (14011818)                579165.01
4141496.41      686.70199  (17120218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 724
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579185.01   4141496.41      603.07537  (17120218)                579205.01
4141496.41      532.56510  (17112018)
        578385.01   4141516.41      150.21855  (12010417)                578405.01
4141516.41      154.85979  (12010417)
        578425.01   4141516.41      159.57602  (12010417)                578445.01
4141516.41      164.25914  (12010417)
        578465.01   4141516.41      168.95410  (12010417)                578485.01
4141516.41      173.75148  (12010417)
        578505.01   4141516.41      180.37533  (17020418)                578525.01
4141516.41      193.25480  (17020418)
        578545.01   4141516.41      207.33117  (14120118)                578565.01
4141516.41      223.51731  (14120118)
        578585.01   4141516.41      240.33916  (14120118)                578605.01
4141516.41      257.64421  (14120118)
        578625.01   4141516.41      275.29309  (14120118)                578645.01
4141516.41      292.99292  (14120118)
        579085.01   4141516.41     1552.12294  (15011018)                579105.01
4141516.41     1200.27625  (14011818)
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        579125.01   4141516.41     1005.17887  (17120218)              579145.01
4141516.41      840.80610  (17120218)
        579165.01   4141516.41      725.39885  (17112018)              578385.01
4141536.41      156.91562  (12010417)
        578405.01   4141536.41      163.52168  (12010417)              578425.01
4141536.41      170.45417  (12010417)
        578445.01   4141536.41      177.72977  (12010417)              578465.01
4141536.41      185.32839  (12010417)
        578485.01   4141536.41      193.31503  (12010417)              578505.01
4141536.41      201.55919  (12010417)
        578525.01   4141536.41      210.64481  (12010417)              578545.01
4141536.41      219.20794  (12010417)
        578565.01   4141536.41      228.63644  (12010417)              578585.01
4141536.41      238.30785  (12010417)
        578605.01   4141536.41      248.20864  (12010417)              578625.01
4141536.41      258.49735  (12010417)
        578645.01   4141536.41      276.92762  (14120118)              578665.01
4141536.41      303.02598  (14120118)
        579105.01   4141536.41     1333.86333  (17112018)              579125.01
4141536.41     1060.93026  (17112018)
        579185.01   4141536.41      621.18711  (10120118)              578385.01
4141556.41      162.89275  (13012417)
        578405.01   4141556.41      169.04731  (13012417)              578425.01
4141556.41      175.54982  (13012417)
        578445.01   4141556.41      182.44434  (13012417)              578465.01
4141556.41      189.85146  (13012417)
        578485.01   4141556.41      197.70187  (13012417)              578505.01
4141556.41      206.05908  (13012417)
        578525.01   4141556.41      215.21657  (13012417)              578545.01
4141556.41      225.38281  (12010417)
        578565.01   4141556.41      238.54377  (12010417)              578585.01
4141556.41      252.67524  (12010417)
        578605.01   4141556.41      267.95838  (12010417)              578625.01
4141556.41      284.36099  (12010417)
        578645.01   4141556.41      301.96967  (12010417)              578665.01
4141556.41      320.87617  (12010417)
        578685.01   4141556.41      341.20738  (12010417)              579165.01
4141556.41      707.52105  (10122318)
        579185.01   4141556.41      609.13080  (11112918)              579205.01
4141556.41      536.09099  (11112918)
        578385.01   4141576.41      172.45981  (13012417)              578405.01
4141576.41      179.73613  (13012417)
        578425.01   4141576.41      187.51160  (13012417)              578445.01
4141576.41      195.93320  (13012417)
        578465.01   4141576.41      205.00855  (13012417)              578485.01
4141576.41      214.80072  (13012417)
        578505.01   4141576.41      225.43803  (13012417)              578525.01
4141576.41      237.13755  (13012417)
        578545.01   4141576.41      249.44018  (13012417)              578565.01
4141576.41      263.07034  (13012417)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578585.01	4141576.41	278.01241	(13012417)	578605.01	4141576.41	294.38907	(13012417)
578625.01	4141576.41	312.41210	(13012417)	578645.01	4141576.41	332.51993	(13012417)
578665.01	4141576.41	354.56643	(13012417)	578685.01	4141576.41	379.10015	(13012417)
578705.01	4141576.41	406.54117	(13012417)	579145.01	4141576.41	729.65233	(11112918)
579165.01	4141576.41	622.43362	(11112918)	579185.01	4141576.41	539.44271	(11112918)
579205.01	4141576.41	473.32713	(11112918)	579225.01	4141576.41	419.52748	(11112918)
579245.01	4141576.41	374.94834	(11112918)	579265.01	4141576.41	337.54939	(11112918)
578385.01	4141596.41	164.63595	(13012417)	578405.01	4141596.41	171.71369	(13012417)
578425.01	4141596.41	179.29373	(13012417)	578445.01	4141596.41	187.52828	(13012417)
578465.01	4141596.41	196.40061	(13012417)	578485.01	4141596.41	206.02802	(13012417)
578505.01	4141596.41	216.57767	(13012417)	578525.01	4141596.41	228.15867	(13012417)
578545.01	4141596.41	240.61950	(13012417)	578565.01	4141596.41	254.50721	(13012417)
578585.01	4141596.41	269.65694	(13012417)	578605.01	4141596.41	286.48433	(13012417)
578625.01	4141596.41	305.25616	(13012417)	578645.01	4141596.41	326.28866	(13012417)

578665.01 4141596.41 350.13183 (13012417) 578685.01
4141596.41 377.07654 (13012417)
578705.01 4141596.41 407.54216 (13012417) 578725.01
4141596.41 442.90644 (13012417)
578745.01 4141596.41 484.27551 (13012417) 579105.01
4141596.41 855.22977 (16011318)
579145.01 4141596.41 657.23146 (16011318) 579165.01
4141596.41 575.23001 (16011318)
579185.01 4141596.41 504.17120 (16011318) 579205.01
4141596.41 443.21946 (16011318)
579225.01 4141596.41 391.17698 (16011318) 579245.01
4141596.41 346.80393 (16011318)
579265.01 4141596.41 308.91600 (16011318) 579285.01
4141596.41 276.20713 (16011318)
579305.01 4141596.41 248.32915 (16011318) 579325.01
4141596.41 229.09547 (09112318)
579345.01 4141596.41 213.90046 (09112318) 578385.01
4141616.41 150.01022 (17121418)
578405.01 4141616.41 155.99470 (17121418) 578425.01
4141616.41 162.39603 (17121418)
578445.01 4141616.41 169.24423 (17121418) 578465.01
4141616.41 176.60601 (17121418)
578485.01 4141616.41 184.55544 (17121418) 578505.01
4141616.41 193.20760 (17121418)
578525.01 4141616.41 202.72187 (17121418) 578545.01
4141616.41 213.55962 (10012218)
578565.01 4141616.41 227.23478 (10012218) 578585.01
4141616.41 242.05805 (10012218)
578605.01 4141616.41 258.34410 (10012218) 578625.01
4141616.41 276.41416 (10012218)
578645.01 4141616.41 296.26632 (10012218) 578665.01
4141616.41 318.58361 (10012218)
578685.01 4141616.41 343.81337 (10012218) 578705.01
4141616.41 372.17768 (10012218)
578725.01 4141616.41 403.95799 (10012218) 578745.01
4141616.41 440.40636 (10012218)
579065.01 4141616.41 892.99941 (09012218) 579085.01
4141616.41 789.54178 (09012218)
579105.01 4141616.41 711.34117 (09012218) 579125.01
4141616.41 642.09114 (09012218)
579165.01 4141616.41 517.30004 (17010418) 579185.01
4141616.41 474.91662 (16011318)
579205.01 4141616.41 436.29344 (16011318) 579225.01
4141616.41 399.84863 (16011318)
579245.01 4141616.41 366.05617 (16011318) 579265.01
4141616.41 335.00084 (16011318)
579285.01 4141616.41 306.32789 (16011318) 579305.01
4141616.41 280.77377 (16011318)
579325.01 4141616.41 257.68005 (16011318) 579345.01
4141616.41 236.87753 (16011318)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141636.41	148.53070	(10012218)	578405.01	4141636.41	155.23580	(10012218)
578425.01	4141636.41	162.33676	(10012218)	578445.01	4141636.41	169.87387	(10012218)
578465.01	4141636.41	177.87863	(10012218)	578485.01	4141636.41	186.33377	(10012218)
578505.01	4141636.41	195.40224	(10012218)	578525.01	4141636.41	205.15607	(10012218)
578545.01	4141636.41	215.32055	(10012218)	578565.01	4141636.41	226.28816	(10012218)
578585.01	4141636.41	238.07456	(10012218)	578605.01	4141636.41	250.49635	(10012218)
578625.01	4141636.41	263.66496	(10012218)	578645.01	4141636.41	277.74406	(10012218)
578665.01	4141636.41	292.69984	(10012218)	578685.01	4141636.41	308.82189	(10012218)
578705.01	4141636.41	326.02302	(10012218)	578725.01	4141636.41	343.69898	(10012218)
579045.01	4141636.41	825.34911	(14121218)	579065.01	4141636.41	723.54757	(17112518)
579085.01	4141636.41	659.09500	(17112518)	579105.01	4141636.41	605.87271	(17112518)
579125.01	4141636.41	563.22827	(09012218)	579165.01	4141636.41	484.70874	(09012218)
579185.01	4141636.41	437.66897	(09012218)	579205.01	4141636.41	399.36969	(17010418)
579225.01	4141636.41	371.12610	(17010418)	579245.01	4141636.41	342.15571	(17010418)

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        579265.01   4141636.41      313.43309  (16011318)               579285.01
4141636.41      295.13518  (16011318)
        579305.01   4141636.41      277.39200  (16011318)               579325.01
4141636.41      260.34212  (16011318)
        579345.01   4141636.41      244.11164  (16011318)               578385.01
4141656.41      144.02911  (10012218)
        578405.01   4141656.41      148.98050  (10012218)               578425.01
4141656.41      154.01765  (10012218)
        578445.01   4141656.41      159.22287  (10012218)               578465.01
4141656.41      164.63376  (10012218)
        578485.01   4141656.41      170.04715  (10012218)               578505.01
4141656.41      175.70240  (10012218)
        578525.01   4141656.41      181.15436  (10012218)               578545.01
4141656.41      186.61523  (10012218)
        578565.01   4141656.41      192.13761  (10012218)               578585.01
4141656.41      197.52287  (10012218)
        578605.01   4141656.41      202.65830  (10012218)               578625.01
4141656.41      207.53908  (10012218)
        578645.01   4141656.41      211.77319  (10012218)               578665.01
4141656.41      235.49390  (15102718)
        578685.01   4141656.41      273.60107  (15102718)               578705.01
4141656.41      316.24396  (15102718)
        578725.01   4141656.41      363.79099  (15102718)               579005.01
4141656.41      902.13713  (14121218)
        579025.01   4141656.41      792.06406  (14121218)               579045.01
4141656.41      699.33006  (14121218)
        579065.01   4141656.41      595.28718  (11121618)               579085.01
4141656.41      563.46082  (17112518)
        579105.01   4141656.41      532.70534  (17112518)               579125.01
4141656.41      502.69871  (17112518)
        579145.01   4141656.41      469.80232  (17112518)               579185.01
4141656.41      413.89175  (09012218)
        579205.01   4141656.41      387.34309  (09012218)               579225.01
4141656.41      356.24215  (09012218)
        579245.01   4141656.41      322.07356  (09012218)               579265.01
4141656.41      300.23857  (17010418)
        579285.01   4141656.41      283.72571  (17010418)               579305.01
4141656.41      266.42973  (17010418)
        579325.01   4141656.41      248.58352  (17010418)               579345.01
4141656.41      230.90164  (17010418)
        578385.01   4141676.41      125.67451  (10012218)               578405.01
4141676.41      128.03271  (10012218)
        578425.01   4141676.41      130.24004  (10012218)               578445.01
4141676.41      132.32357  (10012218)
        578465.01   4141676.41      134.27441  (10012218)               578485.01
4141676.41      135.87319  (10012218)
        578505.01   4141676.41      137.28756  (10012218)               578525.01
4141676.41      138.10281  (10012218)
        578545.01   4141676.41      144.52115  (10122809)               578565.01
4141676.41      161.14086  (10122809)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578585.01	4141676.41	179.09368	(10122809)	578605.01	4141676.41	202.90578	(15102718)
578625.01	4141676.41	229.34640	(15102718)	578645.01	4141676.41	258.04654	(15102718)
578665.01	4141676.41	288.43128	(15102718)	578685.01	4141676.41	319.42419	(15102718)
578705.01	4141676.41	349.95942	(15102718)	578985.01	4141676.41	813.27290	(14103118)
579005.01	4141676.41	749.97094	(14121218)	579025.01	4141676.41	679.35154	(14121218)
579045.01	4141676.41	613.44794	(14121218)	579065.01	4141676.41	528.00277	(14121218)
579085.01	4141676.41	473.67723	(11121618)	579105.01	4141676.41	459.65858	(11121618)
579125.01	4141676.41	441.28631	(17112518)	579145.01	4141676.41	426.69119	(17112518)
579165.01	4141676.41	406.75710	(17112518)	579185.01	4141676.41	378.80788	(17112518)
579205.01	4141676.41	349.33922	(09012218)	579225.01	4141676.41	336.74200	(09012218)
579245.01	4141676.41	319.59445	(09012218)	579265.01	4141676.41	298.53609	(09012218)
579285.01	4141676.41	274.80986	(09012218)	579305.01	4141676.41	250.78380	(16112518)
579325.01	4141676.41	235.74760	(17010418)	579345.01	4141676.41	225.80745	(17010418)
578385.01	4141696.41	98.54298	(10012218)	578405.01	4141696.41	98.43181	(10012218)

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        578425.01   4141696.41       98.08099  (10122809)              578445.01
4141696.41      108.30721  (10122809)
        578465.01   4141696.41      119.26528  (10122809)              578485.01
4141696.41      130.92601  (10122809)
        578505.01   4141696.41      143.35260  (10122809)              578525.01
4141696.41      158.41902  (15102718)
        578565.01   4141696.41      195.13947  (15102718)              578585.01
4141696.41      214.95945  (15102718)
        578605.01   4141696.41      235.21129  (15102718)              578625.01
4141696.41      255.13983  (15102718)
        578645.01   4141696.41      274.15264  (15102718)              578665.01
4141696.41      311.26001  (16120718)
        578685.01   4141696.41      360.35519  (16120718)              578945.01
4141696.41      965.18460  (09112618)
        578965.01   4141696.41      740.54020  (14103118)              578985.01
4141696.41      680.90199  (14103118)
        579005.01   4141696.41      637.96281  (14121218)              579025.01
4141696.41      598.49308  (14121218)
        579045.01   4141696.41      549.94734  (14121218)              579065.01
4141696.41      485.52849  (14121218)
        579085.01   4141696.41      427.61201  (13012318)              579105.01
4141696.41      403.51504  (13012318)
        579125.01   4141696.41      386.11482  (11121618)              579145.01
4141696.41      379.50480  (11121618)
        579165.01   4141696.41      366.11469  (11121618)              579185.01
4141696.41      355.06752  (17112518)
        579205.01   4141696.41      337.61198  (17112518)              579225.01
4141696.41      312.45755  (17112518)
        579245.01   4141696.41      289.40288  (15110918)              579265.01
4141696.41      280.19698  (09012218)
        579285.01   4141696.41      269.13429  (09012218)              579305.01
4141696.41      254.76689  (09012218)
        579325.01   4141696.41      238.11838  (09012218)              579345.01
4141696.41      219.92995  (09012218)
        578385.01   4141716.41      100.59871  (10122809)              578405.01
4141716.41      109.20151  (10122809)
        578425.01   4141716.41      118.18407  (10122809)              578445.01
4141716.41      127.97606  (15102718)
        578465.01   4141716.41      140.70981  (15102718)              578485.01
4141716.41      154.14439  (15102718)
        578505.01   4141716.41      168.24263  (15102718)              578525.01
4141716.41      182.55819  (15102718)
        578605.01   4141716.41      246.51069  (16120718)              578625.01
4141716.41      281.70848  (16120718)
        578645.01   4141716.41      316.76649  (16120718)              578665.01
4141716.41      349.12751  (16120718)
        578685.01   4141716.41      375.43839  (16120718)              578905.01
4141716.41      891.65348  (12112718)
        578925.01   4141716.41      885.54438  (09112618)              578945.01
4141716.41      730.08914  (09112618)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578965.01	4141716.41	618.49634	(14103118)	578985.01	4141716.41	586.15168	(14103118)
579005.01	4141716.41	538.39288	(14121218)	579025.01	4141716.41	532.83077	(14121218)
579045.01	4141716.41	500.08046	(14121218)	579065.01	4141716.41	450.59473	(14121218)
579085.01	4141716.41	388.18786	(14020618)	579105.01	4141716.41	371.53283	(13012318)
579125.01	4141716.41	351.51500	(13012318)	579145.01	4141716.41	327.24012	(11121618)
579165.01	4141716.41	329.04316	(11121618)	579185.01	4141716.41	322.85695	(11121618)
579205.01	4141716.41	310.47484	(17112518)	579225.01	4141716.41	301.21900	(17112518)
579245.01	4141716.41	284.85549	(17112518)	579265.01	4141716.41	263.11760	(15110918)
579285.01	4141716.41	246.44337	(15110918)	579305.01	4141716.41	236.95353	(09012218)
579325.01	4141716.41	230.04385	(09012218)	579345.01	4141716.41	220.38791	(09012218)
578385.01	4141736.41	115.67576	(15102718)	578405.01	4141736.41	125.77559	(15102718)
578425.01	4141736.41	136.14109	(15102718)	578445.01	4141736.41	146.63288	(15102718)
578465.01	4141736.41	157.07741	(15102718)	578485.01	4141736.41	167.25943	(15102718)
578505.01	4141736.41	177.08046	(15102718)	578625.01	4141736.41	300.54032	(16120718)

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        578645.01   4141736.41      316.13040  (16120718)              578665.01
4141736.41      326.85441  (16011818)
        578865.01   4141736.41      777.85155  (09010809)              578885.01
4141736.41      728.25466  (16121017)
        578905.01   4141736.41      773.91711  (12112718)              578925.01
4141736.41      724.06487  (09112618)
        578945.01   4141736.41      565.89836  (11112817)              578965.01
4141736.41      531.98366  (14103118)
        578985.01   4141736.41      513.19158  (14103118)              579005.01
4141736.41      465.68693  (12121918)
        579025.01   4141736.41      472.76446  (14121218)              579045.01
4141736.41      457.58529  (14121218)
        579065.01   4141736.41      420.83893  (14121218)              579085.01
4141736.41      362.26044  (14020618)
        579105.01   4141736.41      334.88501  (13012318)              579125.01
4141736.41      328.11467  (13012318)
        579145.01   4141736.41      309.83643  (13012318)              579165.01
4141736.41      279.11209  (13012318)
        579185.01   4141736.41      286.49412  (11121618)              579205.01
4141736.41      285.97182  (11121618)
        579225.01   4141736.41      277.56289  (11121618)              579245.01
4141736.41      268.19916  (17112518)
        579265.01   4141736.41      258.83631  (17112518)              579285.01
4141736.41      243.76766  (17112518)
        579305.01   4141736.41      227.02725  (15110918)              579325.01
4141736.41      213.25263  (15110918)
        579345.01   4141736.41      203.27971  (09012218)              578385.01
4141756.41      129.24772  (15102718)
        578405.01   4141756.41      137.21447  (15102718)              578425.01
4141756.41      144.76967  (15102718)
        578445.01   4141756.41      151.64853  (15102718)              578465.01
4141756.41      157.56561  (15102718)
        578485.01   4141756.41      168.40586  (16120718)              578845.01
4141756.41      671.19910  (09010809)
        578865.01   4141756.41      639.78780  (16121017)              578885.01
4141756.41      670.08829  (12112718)
        578905.01   4141756.41      667.13412  (09112618)              578925.01
4141756.41      578.97038  (09112618)
        578945.01   4141756.41      481.73528  (11112817)              578965.01
4141756.41      467.03844  (14103118)
        578985.01   4141756.41      454.86631  (14103118)              579005.01
4141756.41      409.27522  (12121918)
        579025.01   4141756.41      415.22132  (14121218)              579045.01
4141756.41      418.26550  (14121218)
        579065.01   4141756.41      394.11143  (14121218)              579085.01
4141756.41      348.14191  (14121218)
        579105.01   4141756.41      315.90116  (14020618)              579125.01
4141756.41      298.48189  (13012318)
        579145.01   4141756.41      292.89667  (13012318)              579165.01
4141756.41      275.50083  (13012318)
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        579185.01   4141756.41      246.69460  (13012318)                579205.01
4141756.41      250.25072  (11121618)
        579225.01   4141756.41      253.90332  (11121618)                579245.01
4141756.41      250.26525  (11121618)
        579265.01   4141756.41      239.60279  (11121618)                579285.01
4141756.41      234.19181  (17112518)
        579305.01   4141756.41      224.91363  (17112518)                579325.01
4141756.41      211.13103  (17112518)
        579345.01   4141756.41      198.43233  (15110918)                578385.01
4141776.41      131.93357  (15102718)
        578405.01   4141776.41      136.32626  (15102718)                578425.01
4141776.41      143.23874  (16120718)
        578445.01   4141776.41      159.50394  (16120718)                578465.01
4141776.41      175.97635  (16120718)
        578485.01   4141776.41      192.07000  (16120718)                578825.01
4141776.41      585.26734  (09010809)
        578845.01   4141776.41      560.66500  (16121017)                578865.01
4141776.41      562.73740  (12112718)
        578885.01   4141776.41      588.71137  (12112718)                578905.01
4141776.41      571.83841  (09112618)
♠ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                        ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP8   ***
                                   INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578925.01   4141776.41      475.25219  (14120418)                578945.01
4141776.41      412.47125  (11112817)
        578965.01   4141776.41      415.92714  (14103118)                578985.01
4141776.41      407.01484  (14103118)
        579005.01   4141776.41      359.39673  (12121918)                579025.01
4141776.41      372.96500  (12121918)
        579045.01   4141776.41      379.85093  (14121218)                579065.01
4141776.41      368.52131  (14121218)
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        579085.01   4141776.41      334.22831  (14121218)              579105.01
4141776.41      298.21991  (14020618)
        579125.01   4141776.41      274.82610  (14020618)              579145.01
4141776.41      268.96384  (13012318)
        579165.01   4141776.41      263.45672  (13012318)              579185.01
4141776.41      246.70693  (13012318)
        579205.01   4141776.41      219.98579  (13012318)              579225.01
4141776.41      219.17270  (11121618)
        579245.01   4141776.41      225.83721  (11121618)              579265.01
4141776.41      225.88314  (11121618)
        579285.01   4141776.41      219.54111  (11121618)              579305.01
4141776.41      210.92394  (17112518)
        579325.01   4141776.41      206.29444  (17112518)              579345.01
4141776.41      197.29087  (17112518)
        578405.01   4141796.41      150.48873  (16120718)              578425.01
4141796.41      163.63887  (16120718)
        578445.01   4141796.41      176.00821  (16120718)              578465.01
4141796.41      187.08145  (16120718)
        578805.01   4141796.41      515.78467  (09010809)              578825.01
4141796.41      490.92230  (16121017)
        578845.01   4141796.41      476.98154  (16121017)              578865.01
4141796.41      530.11496  (12112718)
        578885.01   4141796.41      529.79631  (09112618)              578905.01
4141796.41      478.51755  (16120918)
        578925.01   4141796.41      392.97855  (11112817)              578945.01
4141796.41      359.17496  (14010809)
        578965.01   4141796.41      374.57558  (14103118)              578985.01
4141796.41      367.08239  (14103118)
        579005.01   4141796.41      319.33431  (14103118)              579025.01
4141796.41      339.26206  (12121918)
        579045.01   4141796.41      341.98162  (14121218)              579065.01
4141796.41      342.93941  (14121218)
        579085.01   4141796.41      319.67119  (14121218)              579105.01
4141796.41      277.39537  (14020618)
        579125.01   4141796.41      264.81601  (14020618)              579145.01
4141796.41      238.95006  (13012318)
        579165.01   4141796.41      244.25058  (13012318)              579185.01
4141796.41      238.39634  (13012318)
        579205.01   4141796.41      222.35080  (13012318)              579225.01
4141796.41      197.66737  (13012318)
        579245.01   4141796.41      192.48647  (11121618)              579265.01
4141796.41      201.18004  (11121618)
        579285.01   4141796.41      204.00880  (11121618)              579305.01
4141796.41      201.06087  (11121618)
        579325.01   4141796.41      192.89977  (11121618)              579345.01
4141796.41      188.18251  (17112518)
        578445.01   4141816.41      175.64261  (16120718)              578585.01
4141816.41      231.01761  (10122417)
        578605.01   4141816.41      249.42702  (12111618)              578665.01
4141816.41      308.46005  (09121117)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP8 ***
INCLUDING SOURCE(S): CONSTR2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578685.01	4141816.41	342.88488	(09121117)	578785.01	4141816.41	458.53710	(09010809)
578805.01	4141816.41	444.16051	(09010809)	578825.01	4141816.41	438.82269	(16121017)
578845.01	4141816.41	462.92893	(12112718)	578865.01	4141816.41	467.73149	(12112718)
578885.01	4141816.41	467.38674	(09112618)	578905.01	4141816.41	406.79615	(14120418)
578925.01	4141816.41	349.52424	(11112817)	578945.01	4141816.41	319.39599	(14010809)
578965.01	4141816.41	340.29717	(14103118)	578985.01	4141816.41	333.29526	(14103118)
579005.01	4141816.41	290.69908	(14103118)	579025.01	4141816.41	308.10729	(12121918)
579045.01	4141816.41	306.92044	(12121918)	579065.01	4141816.41	316.90743	(14121218)
579085.01	4141816.41	304.07812	(14121218)	579105.01	4141816.41	271.30857	(14121218)
579125.01	4141816.41	251.11409	(14020618)	579145.01	4141816.41	234.16150	(14020618)
579165.01	4141816.41	219.21706	(13012318)	579185.01	4141816.41	223.09742	(13012318)
579205.01	4141816.41	216.84452	(13012318)	579225.01	4141816.41	201.47028	(13012318)
579245.01	4141816.41	178.78593	(13012318)	579265.01	4141816.41	173.96462	(16112618)
579285.01	4141816.41	179.47831	(11121618)	579305.01	4141816.41	184.37353	(11121618)

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        579325.01   4141816.41      184.11479  (11121618)               579345.01
4141816.41      179.07501  (11121618)
        578565.01   4141836.41      212.46488  (12111618)               578585.01
4141836.41      242.10220  (12111618)
        578605.01   4141836.41      263.96406  (12111618)               578625.01
4141836.41      272.94460  (12111618)
        578645.01   4141836.41      290.07137  (09121117)               578665.01
4141836.41      312.76096  (09121117)
        578685.01   4141836.41      324.73928  (12010318)               578705.01
4141836.41      314.08849  (12010318)
        578725.01   4141836.41      353.71582  (11112818)               578765.01
4141836.41      410.63884  (09010809)
        578785.01   4141836.41      406.22129  (09010809)               578805.01
4141836.41      401.28488  (16121017)
        578825.01   4141836.41      396.75794  (12112718)               578845.01
4141836.41      432.54570  (12112718)
        578865.01   4141836.41      435.35414  (09112618)               578885.01
4141836.41      403.75249  (16120918)
        578905.01   4141836.41      344.22764  (14120418)               578925.01
4141836.41      310.27415  (11112817)
        578945.01   4141836.41      284.83876  (14010809)               578965.01
4141836.41      311.22986  (14103118)
        578985.01   4141836.41      304.29342  (14103118)               579005.01
4141836.41      266.06525  (14103118)
        579025.01   4141836.41      279.42210  (12121918)               579045.01
4141836.41      285.56242  (12121918)
        579065.01   4141836.41      290.64513  (14121218)               579085.01
4141836.41      287.30274  (14121218)
        579105.01   4141836.41      263.86310  (14121218)               579125.01
4141836.41      234.19071  (14020618)
        579145.01   4141836.41      226.29199  (14020618)               579165.01
4141836.41      206.09851  (14020618)
        579185.01   4141836.41      202.24078  (13012318)               579205.01
4141836.41      204.74600  (13012318)
        579225.01   4141836.41      198.14906  (13012318)               579245.01
4141836.41      183.49696  (13012318)
        579265.01   4141836.41      162.67822  (13012318)               579285.01
4141836.41      158.22262  (16112618)
        579305.01   4141836.41      160.42401  (11121618)               579325.01
4141836.41      166.70255  (11121618)
        579345.01   4141836.41      168.52378  (11121618)               578565.01
4141856.41      231.28740  (12111618)
        578585.01   4141856.41      244.19269  (12111618)               578605.01
4141856.41      244.93803  (12111618)
        578625.01   4141856.41      271.28831  (09121117)               578645.01
4141856.41      285.91170  (12010318)
        578665.01   4141856.41      292.95984  (12010318)               578685.01
4141856.41      280.22336  (11112818)
        578705.01   4141856.41      321.92050  (11112818)               578725.01
4141856.41      334.63892  (11112818)
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        578745.01   4141856.41      370.16063  (09010809)                578765.01
4141856.41      372.54311  (09010809)
        578785.01   4141856.41      365.52363  (16121017)                578805.01
4141856.41      342.12480  (16121017)
        578825.01   4141856.41      389.46026  (12112718)                578845.01
4141856.41      387.55539  (09112618)
        578865.01   4141856.41      391.55645  (09112618)                578885.01
4141856.41      351.96576  (14120418)
        578905.01   4141856.41      293.53491  (11112817)                578925.01
4141856.41      274.94561  (11112817)
        578945.01   4141856.41      260.13024  (14103118)                578965.01
4141856.41      286.24370  (14103118)
        578985.01   4141856.41      279.26113  (14103118)                579005.01
4141856.41      244.72276  (14123117)
        579025.01   4141856.41      253.25581  (12121918)                579045.01
4141856.41      265.14409  (12121918)
        579065.01   4141856.41      264.58413  (14121218)                579085.01
4141856.41      269.54561  (14121218)
        579105.01   4141856.41      254.69957  (14121218)                579125.01
4141856.41      223.97295  (14121218)
        579145.01   4141856.41      214.97995  (14020618)                579165.01
4141856.41      202.84816  (14020618)
        579185.01   4141856.41      180.70357  (14020618)                579205.01
4141856.41      187.40402  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579225.01   4141856.41      188.64731  (13012318)                579245.01
4141856.41      181.80301  (13012318)
        579265.01   4141856.41      167.91646  (13012318)                579285.01
4141856.41      148.86930  (13012318)
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        579305.01   4141856.41      144.41225  (16112618)              579325.01
4141856.41      145.58477  (16112618)
        579345.01   4141856.41      150.89668  (11121618)              578545.01
4141876.41      217.97664  (12111618)
        578565.01   4141876.41      223.68615  (12111618)              578585.01
4141876.41      232.34095  (09121117)
        578605.01   4141876.41      252.68626  (09121117)              578625.01
4141876.41      263.55734  (12010318)
        578645.01   4141876.41      264.96135  (12010318)              578665.01
4141876.41      259.93770  (11112818)
        578685.01   4141876.41      294.77964  (11112818)              578705.01
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        578725.01   4141876.41      335.64892  (09010809)              578745.01
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        578965.01   4141876.41      264.56081  (14103118)              578985.01
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        579045.01   4141876.41      245.78773  (12121918)              579065.01
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4141896.41      186.51649  (14020618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4141896.41      160.87263  (14020618)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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        579170.01   4141986.40      153.98435  (14121218)                579190.01
4141986.40      137.94075  (14020618)
        578810.54   4142001.46      227.44334  (16120918)                578830.54
4142001.46      208.70639  (14120418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 735
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP8   ***
                                    INCLUDING SOURCE(S):     CONSTR2_1D  ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
578850.54   4142001.46   173.76050 (17011018)   578870.54
4142001.46   171.82671 (11112817)
578890.54   4142001.46   163.18658 (14010809)   578910.54
4142001.46   156.47948 (14010809)
578930.54   4142001.46   156.15219 (14103118)   578950.54
4142001.46   171.64709 (14103118)
578970.54   4142001.46   173.88690 (14103118)   578990.54
4142001.46   162.80461 (14103118)
579010.54   4142001.46   151.20840 (14123117)   579030.54
4142001.46   142.38534 (11110318)
579050.54   4142001.46   155.08053 (12121918)   579070.54
4142001.46   165.69032 (12121918)
579090.54   4142001.46   164.58786 (12121918)   579110.54
4142001.46   163.79763 (14121218)
579130.54   4142001.46   169.86621 (14121218)   579150.54
4142001.46   165.68725 (14121218)
579170.54   4142001.46   152.46608 (14121218)   579190.54
4142001.46   132.63588 (14121218)

*** AERMOD - VERSION 24142 ***   *** Cubberley Community Center Master Plan
***   12/15/25
*** AERMET - VERSION 18081 ***   *** Construction HRA
***   15:03:32

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP9   ***
INCLUDING SOURCE(S):   CONSTR3_1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
578385.01   4141176.41   79.07503 (11122717)   578405.01
4141176.41   77.53517 (11122717)
578425.01   4141176.41   74.68915 (11122717)   578445.01
4141176.41   70.99882 (16020318)
578465.01   4141176.41   75.83079 (16020318)   578485.01
4141176.41   79.40047 (16020318)

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        578505.01   4141176.41       81.10384  (16020318)              578525.01
4141176.41       81.65300  (16020318)
        578545.01   4141176.41       77.17194  (14112017)              578565.01
4141176.41       94.83131  (14112017)
        578585.01   4141176.41       87.67282  (14112017)              578605.01
4141176.41       94.38070  (09012117)
        578625.01   4141176.41      115.77658  (09012117)              578645.01
4141176.41      122.19424  (09012117)
        578665.01   4141176.41      124.03306  (09012117)              578685.01
4141176.41      107.00448  (09012117)
        578705.01   4141176.41      107.76704  (14121217)              578725.01
4141176.41      110.95247  (14121217)
        578745.01   4141176.41      110.93762  (14121217)              578765.01
4141176.41      110.56255  (11010818)
        578785.01   4141176.41      113.86546  (11010818)              578805.01
4141176.41      116.54504  (14010318)
        578825.01   4141176.41      115.68841  (14010318)              578845.01
4141176.41      118.54955  (16120717)
        578865.01   4141176.41      119.15747  (10010917)              578885.01
4141176.41      119.86186  (14122017)
        578905.01   4141176.41      121.86538  (14122017)              578925.01
4141176.41      120.55172  (10120918)
        578945.01   4141176.41      118.43303  (13121418)              578965.01
4141176.41      118.90007  (16110418)
        578985.01   4141176.41      117.64809  (13122818)              579005.01
4141176.41      116.54135  (13122818)
        579025.01   4141176.41      118.17025  (09012317)              579045.01
4141176.41      115.69270  (09012317)
        579065.01   4141176.41      114.44375  (10121417)              579085.01
4141176.41      112.56724  (10121417)
        579105.01   4141176.41      109.48363  (11112917)              579125.01
4141176.41      105.73107  (11112917)
        579145.01   4141176.41      104.34697  (12111418)              579165.01
4141176.41      103.23921  (12111418)
        579185.01   4141176.41      103.29744  (09011017)              579205.01
4141176.41      101.23268  (09011017)
        579225.01   4141176.41       97.03296  (09011017)              578385.01
4141196.41       83.62514  (11122717)
        578405.01   4141196.41       83.51473  (11122717)              578425.01
4141196.41       81.88696  (11122717)
        578445.01   4141196.41       79.06959  (11122717)              578465.01
4141196.41       75.53849  (16020318)
        578485.01   4141196.41       80.31105  (16020318)              578505.01
4141196.41       83.81814  (16020318)
        578525.01   4141196.41       85.62247  (16020318)              578545.01
4141196.41       76.85563  (14112017)
        578565.01   4141196.41       83.62734  (14112017)              578585.01
4141196.41       89.61140  (14112017)
        578605.01   4141196.41       95.07694  (09012117)              578625.01
4141196.41      117.32747  (09012117)
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        578645.01   4141196.41      108.96510  (09012117)                578665.01
4141196.41      112.81442  (09012117)
        578685.01   4141196.41      113.84572  (09012117)                578705.01
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        578725.01   4141196.41      116.42887  (14121217)                578745.01
4141196.41      117.71047  (14121217)
        578765.01   4141196.41      115.41234  (11010818)                578785.01
4141196.41      119.88278  (11010818)
        578805.01   4141196.41      123.03434  (14010318)                578825.01
4141196.41      122.84571  (14010318)
        578845.01   4141196.41      125.02741  (16120717)                578865.01
4141196.41      126.06076  (16120717)
        578885.01   4141196.41      126.75056  (14122017)                578905.01
4141196.41      128.94184  (14122017)
        578925.01   4141196.41      127.54199  (10120918)                578945.01
4141196.41      124.99162  (13121418)
        578965.01   4141196.41      125.89230  (16110418)                578985.01
4141196.41      124.71852  (13122818)
        579005.01   4141196.41      124.29378  (09012317)                579025.01
4141196.41      124.92950  (09012317)
        579045.01   4141196.41      120.94673  (09012317)                579065.01
4141196.41      121.03161  (10121417)
        579085.01   4141196.41      117.54783  (10121417)                579105.01
4141196.41      114.61590  (11112917)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 737
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP9   ***
                                    INCLUDING SOURCE(S):     CONSTR3_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579125.01   4141196.41      110.90248  (13113018)                579145.01
4141196.41      110.38184  (12111418)
        579165.01   4141196.41      109.74806  (09011017)                579185.01
4141196.41      108.43121  (09011017)
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        579205.01   4141196.41      104.56754  (09011017)               579225.01
4141196.41      101.92365  (12111417)
        579245.01   4141196.41       98.92272  (12111417)               578385.01
4141216.41       89.20665  (12010309)
        578405.01   4141216.41       88.42296  (12010309)               578425.01
4141216.41       88.29022  (11122717)
        578445.01   4141216.41       86.91271  (11122717)               578465.01
4141216.41       83.90620  (11122717)
        578485.01   4141216.41       80.25731  (16020318)               578505.01
4141216.41       85.46642  (16020318)
        578525.01   4141216.41       88.68511  (16020318)               578545.01
4141216.41       78.82809  (16020318)
        578565.01   4141216.41       83.66718  (14112017)               578585.01
4141216.41       90.88443  (14112017)
        578605.01   4141216.41       96.90952  (14112017)               578625.01
4141216.41      104.50231  (09012117)
        578645.01   4141216.41      112.28042  (09012117)               578665.01
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        578685.01   4141216.41      120.59458  (09012117)               578705.01
4141216.41      119.94867  (09012117)
        578725.01   4141216.41      121.81354  (14121217)               578745.01
4141216.41      124.67835  (14121217)
        578765.01   4141216.41      123.49414  (14121217)               578785.01
4141216.41      126.31550  (11010818)
        578805.01   4141216.41      129.90645  (14010318)               578825.01
4141216.41      130.62782  (14010318)
        578845.01   4141216.41      132.13522  (16120717)               578925.01
4141216.41      135.20660  (10120918)
        578945.01   4141216.41      132.13811  (13121418)               578965.01
4141216.41      133.49317  (16110418)
        578985.01   4141216.41      132.43454  (13122818)               579005.01
4141216.41      132.75275  (09012317)
        579025.01   4141216.41      131.92570  (09012317)               579045.01
4141216.41      128.82976  (10121417)
        579065.01   4141216.41      127.65700  (10121417)               579085.01
4141216.41      123.66905  (11112917)
        579105.01   4141216.41      119.42970  (11112917)               579125.01
4141216.41      117.73577  (12111418)
        579145.01   4141216.41      116.42405  (09011017)               579165.01
4141216.41      116.17384  (09011017)
        579185.01   4141216.41      112.83711  (09011017)               579205.01
4141216.41      108.94116  (12111417)
        579225.01   4141216.41      106.17865  (12111417)               579245.01
4141216.41      101.33131  (12111417)
        578385.01   4141236.41       94.12042  (12010309)               578405.01
4141236.41       94.52329  (12010309)
        578425.01   4141236.41       94.12238  (12010309)               578445.01
4141236.41       93.66084  (11122717)
        578465.01   4141236.41       92.35524  (11122717)               578485.01
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        578505.01   4141236.41       85.21765  (16020318)               578525.01
4141236.41       78.84459  (16020318)
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4141236.41       84.18969  (16020318)
        578585.01   4141236.41       91.38340  (14112017)               578605.01
4141236.41       98.92909  (14112017)
        578625.01   4141236.41      105.28965  (13111917)               578645.01
4141236.41      114.80095  (09012117)
        578665.01   4141236.41      122.40462  (09012117)               578685.01
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        578705.01   4141236.41      128.28670  (09012117)               578725.01
4141236.41      127.10469  (14121217)
        578745.01   4141236.41      131.78386  (14121217)               578765.01
4141236.41      132.10579  (14121217)
        578785.01   4141236.41      133.00972  (11010818)               578805.01
4141236.41      137.32638  (14010318)
        578825.01   4141236.41      139.15311  (14010318)               578945.01
4141236.41      140.82002  (16110418)
        578965.01   4141236.41      141.70353  (16110418)               578985.01
4141236.41      140.73426  (13122818)
        579005.01   4141236.41      141.69549  (09012317)               579025.01
4141236.41      139.19810  (09012317)
        579045.01   4141236.41      137.37880  (10121417)               579065.01
4141236.41      134.22452  (10121417)
        579085.01   4141236.41      130.27991  (11112917)               579105.01
4141236.41      125.73413  (13113018)
```



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                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP9   ***
                                    INCLUDING SOURCE(S):     CONSTR3_1   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        579125.01   4141236.41      124.95134  (12111418)               579145.01
4141236.41      124.41258  (09011017)
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        579205.01   4141236.41      114.20147  (12111417)               579225.01
4141236.41      109.34965  (12111417)
        579245.01   4141236.41      103.30844  (17121318)               578385.01
4141256.41       96.98518  (12010309)
        578405.01   4141256.41       99.40089  (12010309)               578425.01
4141256.41      100.33071  (12010309)
        578445.01   4141256.41      100.30759  (12010309)               578465.01
4141256.41       99.61195  (11122717)
        578485.01   4141256.41       98.41130  (11122717)               578505.01
4141256.41       94.90288  (11122717)
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4141256.41       84.55394  (16020318)
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4141256.41       90.97718  (14112017)
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        578685.01   4141256.41      133.17146  (09012117)               578705.01
4141256.41      136.58322  (09012117)
        578725.01   4141256.41      135.81339  (09012117)               578745.01
4141256.41      138.97734  (14121217)
        578765.01   4141256.41      141.17216  (14121217)               578785.01
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        578805.01   4141256.41      145.24024  (14010318)               578965.01
4141256.41      150.73941  (16110418)
        578985.01   4141256.41      149.59225  (13122818)               579005.01
4141256.41      151.30485  (09012317)
        579025.01   4141256.41      146.66682  (09012317)               579045.01
4141256.41      146.17846  (10121417)
        579065.01   4141256.41      141.18534  (11112917)               579085.01
4141256.41      136.56529  (11112917)
        579105.01   4141256.41      134.30379  (12111418)               579125.01
4141256.41      133.11615  (09011017)
        579145.01   4141256.41      131.78388  (09011017)               579165.01
4141256.41      126.63985  (09011017)
        579185.01   4141256.41      123.18154  (12111417)               579205.01
4141256.41      118.33834  (12111417)
        579225.01   4141256.41      111.12093  (12111417)               579245.01
4141256.41      107.19322  (17121318)
        579265.01   4141256.41      104.42571  (13110618)               578385.01
4141276.41       83.82697  (12010309)
        578405.01   4141276.41      102.08702  (12010309)               578425.01
4141276.41      105.34705  (12010309)
        578445.01   4141276.41      106.72135  (12010309)               578465.01
4141276.41      107.18718  (12010309)
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        578525.01   4141276.41      101.66220  (11122717)                578545.01
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4141276.41       94.76967  (16020318)
        578605.01   4141276.41      100.14820  (14112017)                578625.01
4141276.41      109.87367  (14112017)
        578645.01   4141276.41      117.93456  (14112017)                578665.01
4141276.41      129.14275  (09012117)
        578685.01   4141276.41      138.64820  (09012117)                578705.01
4141276.41      144.60845  (09012117)
        578725.01   4141276.41      146.21615  (09012117)                578745.01
4141276.41      146.10411  (14121217)
        578765.01   4141276.41      150.61727  (14121217)                578785.01
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        578985.01   4141276.41      160.83769  (09012317)                579005.01
4141276.41      161.34510  (09012317)
        579025.01   4141276.41      157.58694  (10121417)                579045.01
4141276.41      155.19949  (10121417)
        579065.01   4141276.41      149.94833  (11112917)                579085.01
4141276.41      144.27723  (13113018)
        579105.01   4141276.41      143.10068  (12111418)                579125.01
4141276.41      142.56048  (09011017)
        579145.01   4141276.41      138.23678  (09011017)                579165.01
4141276.41      133.19550  (12111417)
        579185.01   4141276.41      128.51043  (12111417)                579205.01
4141276.41      120.90554  (12111417)
        579225.01   4141276.41      115.74170  (17121318)                579245.01
4141276.41      112.35344  (13110618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***       15:03:32

                                     PAGE 739
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP9   ***
                                     INCLUDING SOURCE(S):     CONSTR3_1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        579265.01   4141276.41      109.15039  (13110618)               578385.01
4141296.41       95.82858  (12010309)
        578405.01   4141296.41       88.56844  (12010309)               578425.01
4141296.41      107.63356  (12010309)
        578445.01   4141296.41      111.75717  (12010309)               578465.01
4141296.41      113.93966  (12010309)
        578485.01   4141296.41      114.44536  (12010309)               578505.01
4141296.41      113.14037  (12010309)
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        578565.01   4141296.41       96.23322  (11122717)               578585.01
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        579005.01   4141296.41      172.02622  (09012317)               579025.01
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4141296.41      132.11577  (12111417)
        579205.01   4141296.41      125.49311  (17121318)               579225.01
4141296.41      121.36634  (13110618)
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        578445.01   4141316.41      113.23044  (12010309)               578465.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 740
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP9   ***
                                    INCLUDING SOURCE(S):     CONSTR3_1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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4141376.41      120.33986  (15011018)
        579265.01   4141376.41      106.90319  (15011018)                579285.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 741
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP9   ***
                                    INCLUDING SOURCE(S):     CONSTR3_1   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578485.01	4141396.41	107.40552	(12010309)	578505.01	4141396.41	118.06985	(12010309)
578525.01	4141396.41	128.66858	(12010309)	578545.01	4141396.41	138.23430	(12010309)
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578605.01	4141396.41	156.42733	(12010309)	578625.01	4141396.41	156.78577	(12010309)
578645.01	4141396.41	153.58336	(11122717)	578665.01	4141396.41	149.71725	(11122717)
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579085.01	4141396.41	223.07390	(12111417)	579105.01	4141396.41	207.48918	(12111417)
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579165.01	4141396.41	174.40416	(13110618)	579185.01	4141396.41	160.58423	(15011018)
579205.01	4141396.41	145.59892	(15011018)	579225.01	4141396.41	129.89720	(15011018)
579245.01	4141396.41	114.18534	(15011018)	579265.01	4141396.41	103.13827	(17122918)
579285.01	4141396.41	99.60887	(14011818)	579305.01	4141396.41	95.64517	(14011818)
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578425.01	4141416.41	94.07943	(09110418)	578445.01	4141416.41	97.16181	(09110418)
578465.01	4141416.41	99.64645	(09110418)	578485.01	4141416.41	101.43756	(09110418)
578505.01	4141416.41	112.89792	(12010309)	578525.01	4141416.41	125.49260	(12010309)
578545.01	4141416.41	137.99360	(12010309)	578565.01	4141416.41	149.67900	(12010309)
578585.01	4141416.41	160.05540	(12010309)	578605.01	4141416.41	168.17540	(12010309)
578625.01	4141416.41	173.26771	(12010309)	578645.01	4141416.41	174.47275	(12010309)

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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 742
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP9   ***
                                   INCLUDING SOURCE(S):     CONSTR3_1   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579185.01	4141436.41	153.08065	(15011018)	579205.01	4141436.41	132.01336	(14011818)
579225.01	4141436.41	126.35598	(14011818)	579245.01	4141436.41	119.99232	(14011818)
579265.01	4141436.41	113.30031	(14011818)	579285.01	4141436.41	106.81234	(17120218)
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578465.01	4141456.41	109.21170	(09110418)	578485.01	4141456.41	115.17426	(09110418)
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578545.01	4141456.41	128.80980	(09110418)	578565.01	4141456.41	141.90362	(12010309)
578585.01	4141456.41	159.91172	(12010309)	578605.01	4141456.41	177.58972	(12010309)
578625.01	4141456.41	194.00149	(12010309)	578645.01	4141456.41	207.67423	(12010309)
579045.01	4141456.41	317.93089	(12111417)	579065.01	4141456.41	289.25576	(17121318)
579085.01	4141456.41	272.16721	(13110618)	579105.01	4141456.41	248.86091	(13110618)
579125.01	4141456.41	223.18362	(15011018)	579145.01	4141456.41	195.24546	(15011018)
579165.01	4141456.41	167.16180	(15011018)	579185.01	4141456.41	148.77438	(14011818)
579205.01	4141456.41	140.81660	(14011818)	579225.01	4141456.41	132.34395	(14011818)
579245.01	4141456.41	123.71168	(17120218)	579265.01	4141456.41	117.27912	(17120218)
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4141496.41      162.24528  (09110418)
        578605.01   4141496.41      169.96540  (09110418)                578625.01
4141496.41      186.57861  (12010309)
        578645.01   4141496.41      214.18051  (12010309)                579085.01
4141496.41      293.32335  (15011018)
        579105.01   4141496.41      246.47255  (15011018)                579125.01
4141496.41      207.04557  (14011818)
        579145.01   4141496.41      192.20625  (14011818)                579165.01
4141496.41      176.83587  (14011818)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 743
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP9   ***
                                   INCLUDING SOURCE(S):     CONSTR3_1   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141496.41	164.33022	(17120218)	579205.01	4141496.41	152.62627	(17120218)
578385.01	4141516.41	103.59334	(14120118)	578405.01	4141516.41	107.86692	(14120118)
578425.01	4141516.41	112.12440	(14120118)	578445.01	4141516.41	116.41633	(14120118)
578465.01	4141516.41	120.65571	(14120118)	578485.01	4141516.41	124.84963	(14120118)
578505.01	4141516.41	128.76860	(14120118)	578525.01	4141516.41	133.14580	(16030918)
578545.01	4141516.41	142.37299	(09110418)	578565.01	4141516.41	155.44834	(09110418)
578585.01	4141516.41	168.60326	(09110418)	578605.01	4141516.41	181.51180	(09110418)
578625.01	4141516.41	193.53692	(09110418)	578645.01	4141516.41	203.97332	(09110418)
579085.01	4141516.41	280.84650	(15011018)	579105.01	4141516.41	242.71333	(14011818)
579125.01	4141516.41	220.65803	(14011818)	579145.01	4141516.41	202.09335	(17120218)
579165.01	4141516.41	185.36819	(17120218)	578385.01	4141536.41	107.21204	(14120118)
578405.01	4141536.41	112.58733	(14120118)	578425.01	4141536.41	118.25844	(14120118)
578445.01	4141536.41	124.18462	(14120118)	578465.01	4141536.41	130.27687	(14120118)
578485.01	4141536.41	136.60466	(14120118)	578505.01	4141536.41	143.00541	(14120118)
578525.01	4141536.41	149.77547	(14120118)	578545.01	4141536.41	155.86768	(14120118)
578565.01	4141536.41	162.11416	(14120118)	578585.01	4141536.41	167.80969	(14120118)
578605.01	4141536.41	184.04244	(09110418)	578625.01	4141536.41	202.29578	(09110418)
578645.01	4141536.41	220.29753	(09110418)	578665.01	4141536.41	236.95094	(09110418)
579105.01	4141536.41	258.31934	(17120218)	579125.01	4141536.41	232.73686	(17120218)
579185.01	4141536.41	177.16157	(17112018)	578385.01	4141556.41	107.44705	(14120118)
578405.01	4141556.41	113.67298	(14120118)	578425.01	4141556.41	120.37651	(14120118)

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        578445.01   4141556.41      127.57848  (14120118)                578465.01
4141556.41      135.29896  (14120118)
        578485.01   4141556.41      143.50950  (14120118)                578505.01
4141556.41      152.24943  (14120118)
        578525.01   4141556.41      161.76361  (14120118)                578545.01
4141556.41      171.17612  (14120118)
        578565.01   4141556.41      181.35047  (14120118)                578585.01
4141556.41      191.78143  (14120118)
        578605.01   4141556.41      202.30616  (14120118)                578625.01
4141556.41      212.53890  (14120118)
        578645.01   4141556.41      223.47328  (09110418)                578665.01
4141556.41      249.43235  (09110418)
        578685.01   4141556.41      275.26108  (09110418)                579165.01
4141556.41      196.83428  (17112018)
        579185.01   4141556.41      177.26828  (17112018)                579205.01
4141556.41      162.21255  (11121418)
        578385.01   4141576.41      104.18900  (14120118)                578405.01
4141576.41      110.87364  (14120118)
        578425.01   4141576.41      118.17565  (14120118)                578445.01
4141576.41      126.15236  (14120118)
        578465.01   4141576.41      134.83589  (14120118)                578485.01
4141576.41      144.35879  (14120118)
        578505.01   4141576.41      154.87440  (14120118)                578525.01
4141576.41      166.55488  (14120118)
        578545.01   4141576.41      178.89700  (14120118)                578565.01
4141576.41      192.54486  (14120118)
        578585.01   4141576.41      207.35723  (14120118)                578605.01
4141576.41      223.40243  (14120118)
        578625.01   4141576.41      240.63589  (14120118)                578645.01
4141576.41      258.85766  (14120118)
        578665.01   4141576.41      277.29186  (14120118)                578685.01
4141576.41      295.29098  (14120118)
        578705.01   4141576.41      319.69550  (09110418)                579145.01
4141576.41      220.99620  (11121418)
        579165.01   4141576.41      200.41936  (11121418)                579185.01
4141576.41      182.55935  (11121418)
        579205.01   4141576.41      166.90035  (11121418)                579225.01
4141576.41      153.29254  (10122318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                   PAGE 744
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP9   ***
                                   INCLUDING SOURCE(S):     CONSTR3_1   ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579245.01	4141576.41	142.26501	(10122318)	579265.01	4141576.41	132.43102	(10122318)
578385.01	4141596.41	108.19066	(12010417)	578405.01	4141596.41	113.94472	(12010417)
578425.01	4141596.41	120.15470	(12010417)	578445.01	4141596.41	126.96027	(12010417)
578465.01	4141596.41	134.33033	(12010417)	578485.01	4141596.41	142.42196	(12010417)
578505.01	4141596.41	151.41320	(12010417)	578525.01	4141596.41	163.00948	(14120118)
578545.01	4141596.41	177.02385	(14120118)	578565.01	4141596.41	193.01762	(14120118)
578585.01	4141596.41	210.98247	(14120118)	578605.01	4141596.41	231.26183	(14120118)
578625.01	4141596.41	254.22545	(14120118)	578645.01	4141596.41	280.21729	(14120118)
578665.01	4141596.41	309.57707	(14120118)	578685.01	4141596.41	342.04210	(14120118)
578705.01	4141596.41	376.85677	(14120118)	578725.01	4141596.41	413.31992	(14120118)
578745.01	4141596.41	447.72924	(14120118)	579105.01	4141596.41	286.65089	(11121418)
579145.01	4141596.41	227.37766	(10122318)	579165.01	4141596.41	205.29204	(10122318)
579185.01	4141596.41	186.47953	(10122318)	579205.01	4141596.41	170.33298	(10122318)
579225.01	4141596.41	156.31956	(10122318)	579245.01	4141596.41	144.09771	(10122318)
579265.01	4141596.41	133.51229	(11112918)	579285.01	4141596.41	124.40552	(11112918)
579305.01	4141596.41	116.35360	(11112918)	579325.01	4141596.41	109.11213	(11112918)
579345.01	4141596.41	102.61070	(11112918)	578385.01	4141616.41	115.19103	(13012417)
578405.01	4141616.41	121.34918	(13012417)	578425.01	4141616.41	128.06573	(13012417)
578445.01	4141616.41	135.38166	(13012417)	578465.01	4141616.41	143.45538	(13012417)
578485.01	4141616.41	152.38608	(13012417)	578505.01	4141616.41	162.36172	(13012417)

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        578525.01   4141616.41      173.56660  (13012417)                578545.01
4141616.41      185.72123  (13012417)
        578565.01   4141616.41      199.68184  (13012417)                578585.01
4141616.41      215.36109  (13012417)
        578605.01   4141616.41      233.11743  (13012417)                578625.01
4141616.41      253.42262  (13012417)
        578645.01   4141616.41      278.84654  (14120118)                578665.01
4141616.41      315.07320  (14120118)
        578685.01   4141616.41      358.71160  (14120118)                578705.01
4141616.41      410.98963  (14120118)
        578725.01   4141616.41      473.35855  (14120118)                578745.01
4141616.41      547.33042  (14120118)
        579065.01   4141616.41      392.91235  (10122318)                579085.01
4141616.41      335.91987  (10122318)
        579105.01   4141616.41      292.26770  (11112918)                579125.01
4141616.41      258.02960  (11112918)
        579165.01   4141616.41      207.01898  (11112918)                579185.01
4141616.41      187.60406  (11112918)
        579205.01   4141616.41      171.06771  (11112918)                579225.01
4141616.41      156.86021  (11112918)
        579245.01   4141616.41      144.55787  (11112918)                579265.01
4141616.41      133.79708  (11112918)
        579285.01   4141616.41      124.25032  (11112918)                579305.01
4141616.41      115.88579  (11112918)
        579325.01   4141616.41      108.43744  (11112918)                579345.01
4141616.41      101.76261  (11112918)
        578385.01   4141636.41      118.22265  (13012417)                578405.01
4141636.41      124.83289  (13012417)
        578425.01   4141636.41      132.10473  (13012417)                578445.01
4141636.41      140.13159  (13012417)
        578465.01   4141636.41      149.00736  (13012417)                578485.01
4141636.41      158.85792  (13012417)
        578505.01   4141636.41      169.95115  (13012417)                578525.01
4141636.41      182.51540  (13012417)
        578545.01   4141636.41      196.59607  (13012417)                578565.01
4141636.41      212.76675  (13012417)
        578585.01   4141636.41      231.43612  (13012417)                578605.01
4141636.41      252.98036  (13012417)
        578625.01   4141636.41      278.14652  (13012417)                578645.01
4141636.41      307.97360  (13012417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 745
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP9   ***
```

INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141636.41	343.70375	(13012417)	578685.01	4141636.41	387.58114	(13012417)
578705.01	4141636.41	441.86239	(13012417)	578725.01	4141636.41	509.38279	(13012417)
579045.01	4141636.41	459.21239	(11112918)	579065.01	4141636.41	385.10079	(11112918)
579085.01	4141636.41	329.47455	(11112918)	579105.01	4141636.41	286.39539	(11112918)
579125.01	4141636.41	252.11363	(11112918)	579165.01	4141636.41	201.43883	(11112918)
579185.01	4141636.41	182.23721	(11112918)	579205.01	4141636.41	165.97667	(11112918)
579225.01	4141636.41	152.02751	(11112918)	579245.01	4141636.41	139.95011	(11112918)
579265.01	4141636.41	129.41397	(11112918)	579285.01	4141636.41	120.13356	(11112918)
579305.01	4141636.41	111.97130	(11112918)	579325.01	4141636.41	104.70646	(11112918)
579345.01	4141636.41	98.21312	(11112918)	578385.01	4141656.41	116.78374	(13012417)
578405.01	4141656.41	123.33105	(13012417)	578425.01	4141656.41	130.50723	(13012417)
578445.01	4141656.41	138.47407	(13012417)	578465.01	4141656.41	147.38211	(13012417)
578485.01	4141656.41	157.23459	(13012417)	578505.01	4141656.41	168.42008	(13012417)
578525.01	4141656.41	180.86267	(13012417)	578545.01	4141656.41	195.04001	(13012417)
578565.01	4141656.41	211.34893	(13012417)	578585.01	4141656.41	230.23548	(13012417)
578605.01	4141656.41	252.25822	(13012417)	578625.01	4141656.41	278.36669	(13012417)
578645.01	4141656.41	309.34760	(13012417)	578665.01	4141656.41	346.93511	(13012417)
578685.01	4141656.41	394.09766	(13012417)	578705.01	4141656.41	452.71091	(13012417)
578725.01	4141656.41	529.19227	(13012417)	579005.01	4141656.41	631.49197	(16011318)

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        579025.01   4141656.41      512.24850  (16011318)                579045.01
4141656.41      423.82277  (16011318)
        579065.01   4141656.41      357.38924  (16011318)                579085.01
4141656.41      306.22249  (16011318)
        579105.01   4141656.41      266.00810  (16011318)                579125.01
4141656.41      233.79620  (16011318)
        579145.01   4141656.41      207.49963  (16011318)                579185.01
4141656.41      168.31757  (11112918)
        579205.01   4141656.41      153.73473  (11112918)                579225.01
4141656.41      141.21752  (11112918)
        579245.01   4141656.41      130.33039  (11112918)                579265.01
4141656.41      120.72889  (11112918)
        579285.01   4141656.41      112.29367  (11112918)                579305.01
4141656.41      104.84718  (11112918)
        579325.01   4141656.41       98.17838  (11112918)                579345.01
4141656.41       92.19486  (11112918)
        578385.01   4141676.41      110.98543  (13012417)                578405.01
4141676.41      116.92991  (13012417)
        578425.01   4141676.41      123.45607  (13012417)                578445.01
4141676.41      130.67841  (13012417)
        578465.01   4141676.41      138.71838  (13012417)                578485.01
4141676.41      147.57206  (13012417)
        578505.01   4141676.41      157.59355  (13012417)                578525.01
4141676.41      168.64184  (13012417)
        578545.01   4141676.41      181.15558  (13012417)                578565.01
4141676.41      195.39009  (13012417)
        578585.01   4141676.41      211.71190  (13012417)                578605.01
4141676.41      230.58697  (13012417)
        578625.01   4141676.41      252.64745  (13012417)                578645.01
4141676.41      278.78563  (13012417)
        578665.01   4141676.41      309.93438  (13012417)                578685.01
4141676.41      347.26861  (13012417)
        578705.01   4141676.41      393.45852  (17121418)                578985.01
4141676.41      687.32897  (09012218)
        579005.01   4141676.41      576.63374  (09012218)                579025.01
4141676.41      476.21744  (09012218)
        579045.01   4141676.41      400.10255  (17010418)                579065.01
4141676.41      344.87289  (16011318)
        579085.01   4141676.41      301.80199  (16011318)                579105.01
4141676.41      266.18755  (16011318)
        579125.01   4141676.41      236.63038  (16011318)                579145.01
4141676.41      211.92736  (16011318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                  PAGE 746
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579165.01	4141676.41	191.07119	(16011318)	579185.01	4141676.41	173.26570	(16011318)
579205.01	4141676.41	157.97857	(16011318)	579225.01	4141676.41	144.72797	(16011318)
579245.01	4141676.41	133.19514	(16011318)	579265.01	4141676.41	123.07097	(16011318)
579285.01	4141676.41	114.12457	(16011318)	579305.01	4141676.41	106.14578	(16011318)
579325.01	4141676.41	99.09089	(16011318)	579345.01	4141676.41	92.76293	(16011318)
578385.01	4141696.41	101.63613	(17121418)	578405.01	4141696.41	106.74342	(17121418)
578425.01	4141696.41	112.33101	(17121418)	578445.01	4141696.41	118.50238	(17121418)
578465.01	4141696.41	125.30743	(10012218)	578485.01	4141696.41	133.18976	(10012218)
578505.01	4141696.41	142.13367	(10012218)	578525.01	4141696.41	151.94667	(10012218)
578565.01	4141696.41	174.93046	(10012218)	578585.01	4141696.41	188.58222	(10012218)
578605.01	4141696.41	204.00604	(10012218)	578625.01	4141696.41	221.40917	(10012218)
578645.01	4141696.41	241.55393	(10012218)	578665.01	4141696.41	268.00922	(16120718)
578685.01	4141696.41	318.75052	(16120718)	578945.01	4141696.41	706.87855	(11121618)
578965.01	4141696.41	653.33749	(17112518)	578985.01	4141696.41	589.51954	(17112518)
579005.01	4141696.41	509.47023	(17112518)	579025.01	4141696.41	441.99772	(09012218)
579045.01	4141696.41	384.77350	(09012218)	579065.01	4141696.41	333.37766	(09012218)
579085.01	4141696.41	288.94352	(09012218)	579105.01	4141696.41	255.19592	(17010418)
579125.01	4141696.41	228.43157	(17010418)	579145.01	4141696.41	205.23461	(17010418)

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        579165.01   4141696.41      186.56237  (16011318)                579185.01
4141696.41      170.88608  (16011318)
        579205.01   4141696.41      157.11414  (16011318)                579225.01
4141696.41      144.93962  (16011318)
        579245.01   4141696.41      134.16341  (16011318)                579265.01
4141696.41      124.59561  (16011318)
        579285.01   4141696.41      116.02862  (16011318)                579305.01
4141696.41      108.31966  (16011318)
        579325.01   4141696.41      101.43748  (16011318)                579345.01
4141696.41       95.20682  (16011318)
        578385.01   4141716.41       96.95273  (10012218)                578405.01
4141716.41      101.75456  (10012218)
        578425.01   4141716.41      106.98160  (10012218)                578445.01
4141716.41      112.60060  (10012218)
        578465.01   4141716.41      118.55603  (10012218)                578485.01
4141716.41      125.01829  (10012218)
        578505.01   4141716.41      132.24694  (10012218)                578525.01
4141716.41      139.99862  (10012218)
        578605.01   4141716.41      197.73704  (16120718)                578625.01
4141716.41      226.82445  (16120718)
        578645.01   4141716.41      261.03630  (16120718)                578665.01
4141716.41      301.01427  (16120718)
        578685.01   4141716.41      347.77582  (16120718)                578905.01
4141716.41      871.40107  (14121218)
        578925.01   4141716.41      750.68858  (14121218)                578945.01
4141716.41      603.81292  (14121218)
        578965.01   4141716.41      525.42816  (13012318)                578985.01
4141716.41      491.38290  (11121618)
        579005.01   4141716.41      449.52133  (17112518)                579025.01
4141716.41      401.66985  (17112518)
        579045.01   4141716.41      350.95511  (17112518)                579065.01
4141716.41      312.92717  (09012218)
        579085.01   4141716.41      280.74804  (09012218)                579105.01
4141716.41      251.01332  (09012218)
        579125.01   4141716.41      224.12382  (09012218)                579145.01
4141716.41      200.26682  (09012218)
        579165.01   4141716.41      181.59627  (17010418)                579185.01
4141716.41      166.74496  (17010418)
        579205.01   4141716.41      153.37415  (17010418)                579225.01
4141716.41      141.38277  (17010418)
        579245.01   4141716.41      130.53528  (17010418)                579265.01
4141716.41      121.97265  (16011318)
        579285.01   4141716.41      114.30219  (16011318)                579305.01
4141716.41      107.33640  (16011318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141716.41	100.97969	(16011318)	579345.01	4141716.41	95.22491	(16011318)
578385.01	4141736.41	90.49433	(10012218)	578405.01	4141736.41	94.35871	(10012218)
578425.01	4141736.41	98.38165	(10012218)	578445.01	4141736.41	102.54669	(10012218)
578465.01	4141736.41	106.87726	(10012218)	578485.01	4141736.41	113.45253	(15102718)
578505.01	4141736.41	123.58084	(16120718)	578625.01	4141736.41	243.73980	(16120718)
578645.01	4141736.41	273.06360	(16120718)	578665.01	4141736.41	305.01864	(16120718)
578865.01	4141736.41	735.82391	(09112618)	578885.01	4141736.41	681.00420	(14103118)
578905.01	4141736.41	677.30656	(14121218)	578925.01	4141736.41	627.33681	(14121218)
578945.01	4141736.41	533.52746	(14121218)	578965.01	4141736.41	450.47581	(13012318)
578985.01	4141736.41	403.84160	(13012318)	579005.01	4141736.41	383.27408	(11121618)
579025.01	4141736.41	353.81946	(17112518)	579045.01	4141736.41	325.01809	(17112518)
579065.01	4141736.41	292.71583	(17112518)	579085.01	4141736.41	260.08503	(17112518)
579105.01	4141736.41	236.61026	(09012218)	579125.01	4141736.41	216.84733	(09012218)
579145.01	4141736.41	198.05705	(09012218)	579165.01	4141736.41	180.60677	(09012218)
579185.01	4141736.41	164.56605	(09012218)	579205.01	4141736.41	149.98318	(09012218)
579225.01	4141736.41	138.00683	(17010418)	579245.01	4141736.41	128.83991	(17010418)
579265.01	4141736.41	120.40620	(17010418)	579285.01	4141736.41	112.60675	(17010418)

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        579305.01   4141736.41      105.46293  (17010418)                579325.01
4141736.41       98.89962  (17010418)
        579345.01   4141736.41       92.86248  (16011318)                578385.01
4141756.41       82.83640  (15102718)
        578405.01   4141756.41       88.75263  (15102718)                578425.01
4141756.41       95.12072  (15102718)
        578445.01   4141756.41      102.74504  (16120718)                578465.01
4141756.41      113.01650  (16120718)
        578485.01   4141756.41      124.57719  (16120718)                578845.01
4141756.41      669.36364  (09112618)
        578865.01   4141756.41      549.74978  (09112618)                578885.01
4141756.41      536.10920  (14103118)
        578905.01   4141756.41      532.58396  (14121218)                578925.01
4141756.41      521.45617  (14121218)
        578945.01   4141756.41      467.63066  (14121218)                578965.01
4141756.41      390.63404  (14121218)
        578985.01   4141756.41      356.31446  (13012318)                579005.01
4141756.41      321.02367  (13012318)
        579025.01   4141756.41      307.71423  (11121618)                579045.01
4141756.41      288.95997  (11121618)
        579065.01   4141756.41      268.42623  (17112518)                579085.01
4141756.41      247.47668  (17112518)
        579105.01   4141756.41      225.16404  (17112518)                579125.01
4141756.41      202.90640  (17112518)
        579145.01   4141756.41      187.04669  (09012218)                579165.01
4141756.41      174.14922  (09012218)
        579185.01   4141756.41      161.53606  (09012218)                579205.01
4141756.41      149.59396  (09012218)
        579225.01   4141756.41      138.29874  (09012218)                579245.01
4141756.41      127.80895  (09012218)
        579265.01   4141756.41      118.05449  (09012218)                579285.01
4141756.41      109.64578  (17010418)
        579305.01   4141756.41      103.56426  (17010418)                579325.01
4141756.41       97.89842  (17010418)
        579345.01   4141756.41       92.52148  (17010418)                578385.01
4141776.41       87.32488  (16120718)
        578405.01   4141776.41       95.04167  (16120718)                578425.01
4141776.41      103.44772  (16120718)
        578445.01   4141776.41      112.60393  (16120718)                578465.01
4141776.41      122.66430  (16120718)
        578485.01   4141776.41      133.61511  (16120718)                578825.01
4141776.41      561.85301  (09112618)
        578845.01   4141776.41      527.94549  (09112618)                578865.01
4141776.41      434.78352  (14103118)
        578885.01   4141776.41      436.15893  (14103118)                578905.01
4141776.41      427.44367  (14121218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	435.40893	(14121218)	578945.01	4141776.41	407.81146	(14121218)
578965.01	4141776.41	356.40293	(14121218)	578985.01	4141776.41	306.96554	(13012318)
579005.01	4141776.41	289.73838	(13012318)	579025.01	4141776.41	262.72750	(13012318)
579045.01	4141776.41	253.12650	(11121618)	579065.01	4141776.41	241.45869	(11121618)
579085.01	4141776.41	225.27131	(17112518)	579105.01	4141776.41	211.67234	(17112518)
579125.01	4141776.41	196.21949	(17112518)	579145.01	4141776.41	180.19068	(17112518)
579165.01	4141776.41	164.21137	(17112518)	579185.01	4141776.41	152.76721	(09012218)
579205.01	4141776.41	143.92257	(09012218)	579225.01	4141776.41	135.10224	(09012218)
579245.01	4141776.41	126.54429	(09012218)	579265.01	4141776.41	118.32167	(09012218)
579285.01	4141776.41	110.54803	(09012218)	579305.01	4141776.41	103.14723	(09012218)
579325.01	4141776.41	96.30546	(09012218)	579345.01	4141776.41	89.90433	(17010418)
578405.01	4141796.41	102.24788	(16120718)	578425.01	4141796.41	110.21221	(16120718)
578445.01	4141796.41	118.68302	(16120718)	578465.01	4141796.41	127.78252	(16120718)
578805.01	4141796.41	464.60172	(12112718)	578825.01	4141796.41	470.66885	(09112618)
578845.01	4141796.41	418.88263	(09112618)	578865.01	4141796.41	363.02296	(14103118)
578885.01	4141796.41	364.24143	(14103118)	578905.01	4141796.41	355.27044	(12121918)

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        578925.01   4141796.41      366.63081  (14121218)                578945.01
4141796.41      355.32199  (14121218)
        578965.01   4141796.41      322.70970  (14121218)                578985.01
4141796.41      277.04924  (14121218)
        579005.01   4141796.41      255.84891  (13012318)                579025.01
4141796.41      241.34459  (13012318)
        579045.01   4141796.41      220.09988  (13012318)                579065.01
4141796.41      212.40436  (11121618)
        579085.01   4141796.41      205.13900  (11121618)                579105.01
4141796.41      194.08925  (11121618)
        579125.01   4141796.41      182.80508  (17112518)                579145.01
4141796.41      172.17599  (17112518)
        579165.01   4141796.41      160.51745  (17112518)                579185.01
4141796.41      148.48888  (17112518)
        579205.01   4141796.41      136.61972  (17112518)                579225.01
4141796.41      127.92172  (09012218)
        579245.01   4141796.41      121.55543  (09012218)                579265.01
4141796.41      115.13392  (09012218)
        579285.01   4141796.41      108.84322  (09012218)                579305.01
4141796.41      102.69729  (09012218)
        579325.01   4141796.41       96.75728  (09012218)                579345.01
4141796.41       91.09412  (09012218)
        578445.01   4141816.41      120.54688  (16120718)                578585.01
4141816.41      186.62958  (12111618)
        578605.01   4141816.41      206.52275  (12111618)                578665.01
4141816.41      266.87753  (09121117)
        578685.01   4141816.41      285.56366  (12010318)                578785.01
4141816.41      390.59453  (12112718)
        578805.01   4141816.41      405.78430  (09112618)                578825.01
4141816.41      392.69375  (09112618)
        578845.01   4141816.41      335.88338  (09112618)                578865.01
4141816.41      309.67077  (14103118)
        578885.01   4141816.41      310.39128  (14103118)                578905.01
4141816.41      302.09371  (12121918)
        578925.01   4141816.41      311.76239  (14121218)                578945.01
4141816.41      310.40807  (14121218)
        578965.01   4141816.41      290.79507  (14121218)                578985.01
4141816.41      258.34632  (14121218)
        579005.01   4141816.41      225.88402  (14020618)                579025.01
4141816.41      217.12440  (13012318)
        579045.01   4141816.41      204.86235  (13012318)                579065.01
4141816.41      187.86418  (13012318)
        579085.01   4141816.41      181.11778  (11121618)                579105.01
4141816.41      176.68466  (11121618)
        579125.01   4141816.41      169.20096  (11121618)                579145.01
4141816.41      159.55667  (11121618)
        579165.01   4141816.41      151.97625  (17112518)                579185.01
4141816.41      143.49547  (17112518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579205.01	4141816.41	134.52894	(17112518)	579225.01	4141816.41	125.28197	(17112518)
579245.01	4141816.41	116.05358	(17112518)	579265.01	4141816.41	109.16991	(09012218)
579285.01	4141816.41	104.47852	(09012218)	579305.01	4141816.41	99.71754	(09012218)
579325.01	4141816.41	94.94303	(09012218)	579345.01	4141816.41	90.23781	(09012218)
578565.01	4141836.41	172.49774	(12111618)	578585.01	4141836.41	187.38358	(12111618)
578605.01	4141836.41	200.44741	(12111618)	578625.01	4141836.41	218.29757	(09121117)
578645.01	4141836.41	234.19496	(09121117)	578665.01	4141836.41	247.84781	(12010318)
578685.01	4141836.41	264.95484	(11112818)	578705.01	4141836.41	296.36520	(09010809)
578725.01	4141836.41	318.70719	(09010809)	578765.01	4141836.41	329.39079	(12112718)
578785.01	4141836.41	345.24031	(12112718)	578805.01	4141836.41	353.45308	(09112618)
578825.01	4141836.41	327.50232	(09112618)	578845.01	4141836.41	271.78801	(14120418)
578865.01	4141836.41	268.80471	(14103118)	578885.01	4141836.41	268.78616	(14103118)
578905.01	4141836.41	260.40666	(12121918)	578925.01	4141836.41	267.60603	(14121218)
578945.01	4141836.41	272.26236	(14121218)	578965.01	4141836.41	261.60304	(14121218)
578985.01	4141836.41	239.17541	(14121218)	579005.01	4141836.41	209.18002	(14121218)

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        579025.01   4141836.41      192.26795  (13012318)               579045.01
4141836.41      187.18183  (13012318)
        579065.01   4141836.41      176.76746  (13012318)               579085.01
4141836.41      162.84462  (13012318)
        579105.01   4141836.41      156.60551  (11121618)               579125.01
4141836.41      154.02878  (11121618)
        579145.01   4141836.41      148.91518  (11121618)               579165.01
4141836.41      141.88339  (11121618)
        579185.01   4141836.41      134.87373  (17112518)               579205.01
4141836.41      128.86272  (17112518)
        579225.01   4141836.41      122.10206  (17112518)               579245.01
4141836.41      114.93982  (17112518)
        579265.01   4141836.41      107.59119  (17112518)               579285.01
4141836.41      100.29794  (17112518)
        579305.01   4141836.41       94.67602  (09012218)               579325.01
4141836.41       91.10573  (09012218)
        579345.01   4141836.41       87.42383  (09012218)               578565.01
4141856.41      170.18888  (12111618)
        578585.01   4141856.41      181.41786  (09121117)               578605.01
4141856.41      195.90658  (09121117)
        578625.01   4141856.41      208.06640  (12010318)               578645.01
4141856.41      217.52753  (12010318)
        578665.01   4141856.41      233.00544  (11112818)               578685.01
4141856.41      258.41954  (09010809)
        578705.01   4141856.41      277.61004  (09010809)               578725.01
4141856.41      282.65969  (09010809)
        578745.01   4141856.41      279.50724  (12112718)               578765.01
4141856.41      300.75123  (12112718)
        578785.01   4141856.41      311.32308  (09112618)               578805.01
4141856.41      305.85315  (09112618)
        578825.01   4141856.41      273.52984  (09112618)               578845.01
4141856.41      227.93554  (11112817)
        578865.01   4141856.41      236.38285  (14103118)               578885.01
4141856.41      235.91007  (14103118)
        578905.01   4141856.41      227.11777  (12121918)               578925.01
4141856.41      233.99676  (12121918)
        578945.01   4141856.41      239.89525  (14121218)               578965.01
4141856.41      235.35380  (14121218)
        578985.01   4141856.41      220.47489  (14121218)               579005.01
4141856.41      197.99072  (14121218)
        579025.01   4141856.41      177.19539  (14020618)               579045.01
4141856.41      168.37767  (13012318)
        579065.01   4141856.41      163.41377  (13012318)               579085.01
4141856.41      154.45534  (13012318)
        579105.01   4141856.41      143.00408  (13012318)               579125.01
4141856.41      136.98748  (11121618)
        579145.01   4141856.41      135.56961  (11121618)               579165.01
4141856.41      132.06504  (11121618)
        579185.01   4141856.41      127.06969  (11121618)               579205.01
4141856.41      120.96717  (11121618)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	116.07372	(17112518)	579245.01	4141856.41	111.06941	(17112518)
579265.01	4141856.41	105.51325	(17112518)	579285.01	4141856.41	99.67887	(17112518)
579305.01	4141856.41	93.75536	(17112518)	579325.01	4141856.41	87.85385	(17112518)
579345.01	4141856.41	83.13061	(09012218)	578545.01	4141876.41	154.68253	(12111618)
578565.01	4141876.41	165.68618	(09121117)	578585.01	4141876.41	176.82911	(09121117)
578605.01	4141876.41	186.22946	(12010318)	578625.01	4141876.41	192.88173	(12010318)
578645.01	4141876.41	207.14469	(11112818)	578665.01	4141876.41	228.07972	(09010809)
578685.01	4141876.41	244.71005	(09010809)	578705.01	4141876.41	250.64781	(09010809)
578725.01	4141876.41	243.26754	(16121017)	578745.01	4141876.41	261.90066	(12112718)
578765.01	4141876.41	271.11181	(09112618)	578785.01	4141876.41	278.10913	(09112618)
578805.01	4141876.41	263.62946	(09112618)	578825.01	4141876.41	231.43388	(16120918)
578845.01	4141876.41	199.77175	(14103118)	578865.01	4141876.41	210.14085	(14103118)
578885.01	4141876.41	209.34525	(14103118)	578905.01	4141876.41	200.05883	(12121918)
578925.01	4141876.41	208.05644	(12121918)	578945.01	4141876.41	212.39686	(14121218)

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        578965.01   4141876.41      212.10267  (14121218)              578985.01
4141876.41      202.62724  (14121218)
        579005.01   4141876.41      186.10881  (14121218)              579025.01
4141876.41      164.98766  (14121218)
        579045.01   4141876.41      152.99548  (14020618)              579065.01
4141876.41      148.90602  (13012318)
        579085.01   4141876.41      144.13374  (13012318)              579105.01
4141876.41      136.59204  (13012318)
        579125.01   4141876.41      126.94521  (13012318)              579145.01
4141876.41      120.95149  (11121618)
        579165.01   4141876.41      120.33592  (11121618)              579185.01
4141876.41      118.16231  (11121618)
        579205.01   4141876.41      114.49184  (11121618)              579225.01
4141876.41      109.81810  (11121618)
        579245.01   4141876.41      105.06858  (17112518)              579265.01
4141876.41      101.30042  (17112518)
        579285.01   4141876.41       97.01170  (17112518)              579305.01
4141876.41       92.41342  (17112518)
        579325.01   4141876.41       87.61456  (17112518)              579345.01
4141876.41       82.76385  (17112518)
        578545.01   4141896.41      151.85548  (09121117)              578565.01
4141896.41      160.33756  (09121117)
        578585.01   4141896.41      167.87418  (12010318)              578605.01
4141896.41      172.53798  (11112818)
        578625.01   4141896.41      185.88262  (11112818)              578645.01
4141896.41      203.34957  (09010809)
        578665.01   4141896.41      217.86423  (09010809)              578685.01
4141896.41      224.09370  (09010809)
        578705.01   4141896.41      219.74428  (09010809)              578725.01
4141896.41      228.71274  (12112718)
        578745.01   4141896.41      240.97793  (12112718)              578765.01
4141896.41      248.99870  (09112618)
        578785.01   4141896.41      246.60901  (09112618)              578805.01
4141896.41      227.40873  (16120918)
        578825.01   4141896.41      198.19589  (14120418)              578845.01
4141896.41      180.54863  (14103118)
        578865.01   4141896.41      188.55607  (14103118)              578885.01
4141896.41      187.54228  (14103118)
        578905.01   4141896.41      177.77043  (12121918)              578925.01
4141896.41      186.24721  (12121918)
        578945.01   4141896.41      188.99993  (14121218)              578965.01
4141896.41      191.53626  (14121218)
        578985.01   4141896.41      186.22073  (14121218)              579005.01
4141896.41      174.38691  (14121218)
        579025.01   4141896.41      157.79944  (14121218)              579045.01
4141896.41      143.66620  (14020618)
        579065.01   4141896.41      134.31016  (13012318)              579085.01
4141896.41      132.79477  (13012318)
        579105.01   4141896.41      128.56222  (13012318)              579125.01
4141896.41      122.00984  (13012318)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579145.01	4141896.41	113.60448	(13012318)	579165.01	4141896.41	107.65473	(11121618)
579185.01	4141896.41	107.75176	(11121618)	579205.01	4141896.41	106.38636	(11121618)
579225.01	4141896.41	103.74367	(11121618)	579245.01	4141896.41	100.14911	(11121618)
579265.01	4141896.41	95.96362	(11121618)	579285.01	4141896.41	92.58262	(17112518)
579305.01	4141896.41	89.37928	(17112518)	579325.01	4141896.41	85.74552	(17112518)
579345.01	4141896.41	81.84973	(17112518)	578565.01	4141916.41	152.22716	(12010318)
578585.01	4141916.41	156.98607	(11112818)	578605.01	4141916.41	168.11279	(11112818)
578625.01	4141916.41	182.85550	(09010809)	578645.01	4141916.41	195.60963	(09010809)
578665.01	4141916.41	201.80739	(09010809)	578685.01	4141916.41	199.68258	(09010809)
578705.01	4141916.41	200.50588	(12112718)	578725.01	4141916.41	214.80333	(12112718)
578745.01	4141916.41	220.98720	(09112618)	578765.01	4141916.41	226.35107	(09112618)
578785.01	4141916.41	217.57675	(09112618)	578805.01	4141916.41	198.04329	(16120918)
578825.01	4141916.41	170.10353	(14120418)	578845.01	4141916.41	164.34085	(14103118)
578865.01	4141916.41	170.54122	(14103118)	578885.01	4141916.41	169.33994	(14103118)

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        578905.01   4141916.41      160.92992  (14103118)                578925.01
4141916.41      167.77548  (12121918)
        578945.01   4141916.41      168.96949  (14121218)                578965.01
4141916.41      173.31910  (14121218)
        578985.01   4141916.41      171.04104  (14121218)                579005.01
4141916.41      162.89200  (14121218)
        579025.01   4141916.41      150.24902  (14121218)                579045.01
4141916.41      134.51374  (14121218)
        579065.01   4141916.41      126.73131  (14020618)                579085.01
4141916.41      121.14331  (13012318)
        579105.01   4141916.41      119.50396  (13012318)                579125.01
4141916.41      115.57379  (13012318)
        579145.01   4141916.41      109.73124  (13012318)                579165.01
4141916.41      102.55526  (13012318)
        579185.01   4141916.41       96.68560  (11121618)                578386.27
4141125.26       63.13104  (11122717)
        578406.27   4141125.26       64.49401  (16020318)                578426.27
4141125.26       68.23326  (16020318)
        578446.27   4141125.26       70.96161  (16020318)                578466.27
4141125.26       71.97382  (16020318)
        578486.27   4141125.26       71.89330  (16020318)                578506.27
4141125.26       75.06152  (14112017)
        578526.27   4141125.26       82.21351  (14112017)                578546.27
4141125.26       88.13802  (14112017)
        578566.27   4141125.26       92.68655  (14112017)                578586.27
4141125.26       98.73092  (09012117)
        578606.27   4141125.26      104.28696  (09012117)                578626.27
4141125.26      108.51714  (09012117)
        578646.27   4141125.26      109.12901  (09012117)                578666.27
4141125.26       92.98285  (09012117)
        578686.27   4141125.26      109.39733  (14121217)                578706.27
4141125.26      113.02927  (14121217)
        578726.27   4141125.26      112.33534  (14121217)                578746.27
4141125.26       95.52132  (11010818)
        578766.27   4141125.26       98.94914  (11010818)                578786.27
4141125.26      101.30149  (14010318)
        578806.27   4141125.26      101.88834  (14010318)                578826.27
4141125.26      101.54423  (16120717)
        578846.27   4141125.26      104.10015  (16120717)                578866.27
4141125.26      104.47194  (10010917)
        578886.27   4141125.26      105.08066  (14122017)                578906.27
4141125.26      106.52804  (14122017)
        578926.27   4141125.26      105.33049  (10120918)                578946.27
4141125.26      103.79870  (13121418)
        578966.27   4141125.26      103.49559  (16110418)                578986.27
4141125.26      103.08762  (16110418)
        579006.27   4141125.26      102.58335  (13122818)                579026.27
4141125.26      102.71062  (09012317)
        579046.27   4141125.26      102.79843  (09012317)                579066.27
4141125.26       99.71839  (09012317)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579086.27	4141125.26	99.53579	(10121417)	579106.27	4141125.26	97.79476	(10121417)
579126.27	4141125.26	95.38963	(11112917)	579146.27	4141125.26	92.60473	(11112917)
579166.27	4141125.26	90.63551	(13113018)	579186.27	4141125.26	90.31985	(12111418)
579206.27	4141125.26	89.81019	(09011017)	578386.27	4141145.26	69.78748	(11122717)
578406.27	4141145.26	66.50688	(11122717)	578426.27	4141145.26	67.92031	(16020318)
578446.27	4141145.26	71.89998	(16020318)	578466.27	4141145.26	74.59093	(16020318)
578486.27	4141145.26	75.41697	(16020318)	578506.27	4141145.26	75.17696	(16020318)
578526.27	4141145.26	81.14612	(14112017)	578546.27	4141145.26	88.43275	(14112017)
578566.27	4141145.26	94.16425	(14112017)	578586.27	4141145.26	99.50342	(13111917)
578606.27	4141145.26	106.56465	(09012117)	578626.27	4141145.26	96.48030	(09012117)
578646.27	4141145.26	98.68663	(09012117)	578666.27	4141145.26	113.64747	(09012117)
578686.27	4141145.26	112.69561	(14121217)	578706.27	4141145.26	117.60024	(14121217)
578726.27	4141145.26	102.41548	(14121217)	578746.27	4141145.26	100.61899	(14121217)
578766.27	4141145.26	103.47101	(11010818)	578786.27	4141145.26	106.06409	(14010318)

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        578806.27   4141145.26      107.34087  (14010318)              578826.27
4141145.26      106.31742  (16120717)
        578846.27   4141145.26      109.41975  (16120717)              578866.27
4141145.26      109.87755  (10010917)
        578886.27   4141145.26      110.55420  (14122017)              578906.27
4141145.26      112.09493  (14122017)
        578926.27   4141145.26      110.87115  (10120918)              578946.27
4141145.26      109.06593  (13121418)
        578966.27   4141145.26      109.14998  (16110418)              578986.27
4141145.26      108.16629  (16110418)
        579006.27   4141145.26      107.76656  (13122818)              579026.27
4141145.26      108.51659  (09012317)
        579046.27   4141145.26      107.58598  (09012317)              579066.27
4141145.26      104.64885  (10121417)
        579086.27   4141145.26      104.56128  (10121417)              579106.27
4141145.26      101.62334  (10121417)
        579126.27   4141145.26       99.52956  (11112917)              579146.27
4141145.26       96.04975  (13113018)
        579166.27   4141145.26       95.58932  (12111418)              579186.27
4141145.26       94.35616  (09011017)
        579206.27   4141145.26       94.56559  (09011017)              578723.62
4141929.59      204.05070  (12112718)
        578743.62   4141929.59      210.26424  (09112618)              578763.62
4141929.59      212.02731  (09112618)
        578783.62   4141929.59      201.18533  (09112618)              578803.62
4141929.59      182.79468  (14120418)
        578823.62   4141929.59      156.15803  (14120418)              578843.62
4141929.59      154.32320  (14103118)
        578863.62   4141929.59      160.04762  (14103118)              578883.62
4141929.59      159.23411  (14103118)
        578903.62   4141929.59      152.00497  (14103118)              578923.62
4141929.59      156.72448  (12121918)
        578943.62   4141929.59      159.11508  (12121918)              578963.62
4141929.59      162.37921  (14121218)
        578983.62   4141929.59      162.02749  (14121218)              579003.62
4141929.59      156.19041  (14121218)
        579023.62   4141929.59      145.91887  (14121218)              579043.62
4141929.59      132.45331  (14121218)
        579063.62   4141929.59      122.65184  (14020618)              579083.62
4141929.59      114.76516  (14020618)
        579103.62   4141929.59      113.28423  (13012318)              579123.62
4141929.59      111.04947  (13012318)
        579143.62   4141929.59      106.78223  (13012318)              579163.62
4141929.59      101.05054  (13012318)
        579183.62   4141929.59       94.33731  (13012318)              578725.67
4141942.60      193.63187  (12112718)
        578745.67   4141942.60      200.41792  (09112618)              578765.67
4141942.60      197.38160  (09112618)
        578785.67   4141942.60      185.03985  (16120918)              578805.67
4141942.60      165.63591  (14120418)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578825.67	4141942.60	143.67049	(11112817)	578845.67	4141942.60	146.71312	(14103118)
578865.67	4141942.60	151.06174	(14103118)	578885.67	4141942.60	149.54916	(14103118)
578905.67	4141942.60	142.38917	(14103118)	578925.67	4141942.60	147.73181	(12121918)
578945.67	4141942.60	150.08532	(12121918)	578965.67	4141942.60	152.83093	(14121218)
578985.67	4141942.60	153.11367	(14121218)	579005.67	4141942.60	148.43709	(14121218)
579025.67	4141942.60	139.60449	(14121218)	579045.67	4141942.60	127.73057	(14121218)
579065.67	4141942.60	117.40617	(14020618)	579085.67	4141942.60	110.68018	(14020618)
579105.67	4141942.60	107.09617	(13012318)	579125.67	4141942.60	105.69940	(13012318)
579145.67	4141942.60	102.62765	(13012318)	579165.67	4141942.60	97.98594	(13012318)
579185.67	4141942.60	92.36606	(13012318)	578745.52	4141955.60	189.67832	(09112618)
578765.52	4141955.60	183.92980	(09112618)	578785.52	4141955.60	171.34322	(16120918)
578805.52	4141955.60	152.18137	(14120418)	578825.52	4141955.60	134.71715	(11112817)
578845.52	4141955.60	139.00314	(14103118)	578865.52	4141955.60	142.73332	(14103118)
578885.52	4141955.60	141.23556	(14103118)	578905.52	4141955.60	134.70317	(14103118)

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        578925.52   4141955.60      139.03342  (12121918)              578945.52
4141955.60      141.90353  (12121918)
        578965.52   4141955.60      143.78862  (14121218)              578985.52
4141955.60      145.08526  (14121218)
        579005.52   4141955.60      141.82856  (14121218)              579025.52
4141955.60      134.64914  (14121218)
        579045.52   4141955.60      124.46379  (14121218)              579065.52
4141955.60      112.76855  (14020618)
        579085.52   4141955.60      107.40473  (14020618)              579105.52
4141955.60      100.87387  (13012318)
        579125.52   4141955.60      100.75928  (13012318)              579145.52
4141955.60       98.69062  (13012318)
        579165.52   4141955.60       95.33154  (13012318)              579185.52
4141955.60       90.74964  (13012318)
        578785.22   4141971.34      156.36589  (14120418)              578805.22
4141971.34      137.59061  (14120418)
        578825.22   4141971.34      124.94560  (11112817)              578845.22
4141971.34      130.46031  (14103118)
        578865.22   4141971.34      133.52879  (14103118)              578885.22
4141971.34      132.19683  (14103118)
        578905.22   4141971.34      126.34113  (14103118)              578925.22
4141971.34      129.47969  (12121918)
        578945.22   4141971.34      132.84642  (12121918)              578965.22
4141971.34      133.69412  (14121218)
        578985.22   4141971.34      135.98594  (14121218)              579005.22
4141971.34      134.24560  (14121218)
        579025.22   4141971.34      128.74554  (14121218)              579045.22
4141971.34      120.37894  (14121218)
        579065.22   4141971.34      109.85292  (14121218)              579085.22
4141971.34      103.29793  (14020618)
        579105.22   4141971.34       97.59708  (14020618)              579125.22
4141971.34       94.55220  (13012318)
        579145.22   4141971.34       93.74098  (13012318)              579165.22
4141971.34       91.66319  (13012318)
        579185.22   4141971.34       88.21695  (13012318)              578790.01
4141986.40      139.55277  (14120418)
        578810.01   4141986.40      120.29318  (11112817)              578830.01
4141986.40      118.64305  (14103118)
        578850.01   4141986.40      124.13553  (14103118)              578870.01
4141986.40      125.79923  (14103118)
        578890.01   4141986.40      123.43670  (14103118)              578910.01
4141986.40      117.22481  (14103118)
        578930.01   4141986.40      122.54441  (12121918)              578950.01
4141986.40      125.22471  (12121918)
        578970.01   4141986.40      126.01556  (14121218)              578990.01
4141986.40      128.09024  (14121218)
        579010.01   4141986.40      126.56786  (14121218)              579030.01
4141986.40      121.71125  (14121218)
        579050.01   4141986.40      114.19495  (14121218)              579070.01
4141986.40      104.76380  (14121218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP9 ***
INCLUDING SOURCE(S): CONSTR3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579090.01	4141986.40	98.15401	(14020618)	579110.01	4141986.40	93.30003	(14020618)
579130.01	4141986.40	88.81362	(13012318)	579150.01	4141986.40	88.68824	(13012318)
579170.01	4141986.40	87.25359	(13012318)	579190.01	4141986.40	84.54177	(13012318)
578810.54	4142001.46	112.65229	(11112817)	578830.54	4142001.46	112.75874	(14103118)
578850.54	4142001.46	117.38254	(14103118)	578870.54	4142001.46	118.67276	(14103118)
578890.54	4142001.46	116.33324	(14103118)	578910.54	4142001.46	110.57849	(14103118)
578930.54	4142001.46	115.28749	(12121918)	578950.54	4142001.46	118.16558	(12121918)
578970.54	4142001.46	118.21824	(14121218)	578990.54	4142001.46	120.82786	(14121218)
579010.54	4142001.46	120.19777	(14121218)	579030.54	4142001.46	116.42934	(14121218)
579050.54	4142001.46	110.16615	(14121218)	579070.54	4142001.46	101.95552	(14121218)
579090.54	4142001.46	94.07684	(14020618)	579110.54	4142001.46	90.22098	(14020618)
579130.54	4142001.46	85.07827	(14020618)	579150.54	4142001.46	83.89087	(13012318)
579170.54	4142001.46	83.32102	(13012318)	579190.54	4142001.46	81.46371	(13012318)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	115.67883	(11122717)	578405.01	4141176.41	106.09002	(11122717)
578425.01	4141176.41	95.33602	(14122618)	578445.01	4141176.41	103.46968	(16020318)
578465.01	4141176.41	115.81318	(16020318)	578485.01	4141176.41	123.57729	(16020318)
578505.01	4141176.41	125.24785	(16020318)	578525.01	4141176.41	122.47236	(16020318)
578545.01	4141176.41	114.20944	(16020318)	578565.01	4141176.41	134.61985	(14112017)
578585.01	4141176.41	150.48949	(14112017)	578605.01	4141176.41	159.42521	(14112017)
578625.01	4141176.41	167.37898	(13111917)	578645.01	4141176.41	180.87605	(09012117)
578665.01	4141176.41	181.75958	(09012117)	578685.01	4141176.41	176.75254	(17122818)
578705.01	4141176.41	178.87622	(14121217)	578725.01	4141176.41	186.61670	(14121217)
578745.01	4141176.41	181.16679	(14121217)	578765.01	4141176.41	183.17993	(11010818)
578785.01	4141176.41	194.08620	(11010818)	578805.01	4141176.41	199.21274	(14010318)
578825.01	4141176.41	192.64600	(14010318)	578845.01	4141176.41	201.26601	(16120717)
578865.01	4141176.41	203.31842	(16120717)	578885.01	4141176.41	200.13137	(10010917)
578905.01	4141176.41	211.22089	(14122017)	578925.01	4141176.41	211.28437	(10120918)
578945.01	4141176.41	205.09355	(13121418)	578965.01	4141176.41	209.62300	(16110418)

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        578985.01   4141176.41      212.58665  (09011617)               579005.01
4141176.41      209.21144  (13122818)
        579025.01   4141176.41      213.10210  (09012317)               579045.01
4141176.41      209.48459  (16010818)
        579065.01   4141176.41      209.30836  (10121417)               579085.01
4141176.41      208.95646  (10121417)
        579105.01   4141176.41      205.16462  (11112917)               579125.01
4141176.41      199.05450  (10010418)
        579145.01   4141176.41      197.26280  (13113018)               579165.01
4141176.41      197.18049  (12111418)
        579185.01   4141176.41      193.94487  (09011017)               579205.01
4141176.41      194.51489  (09011017)
        579225.01   4141176.41      185.88830  (10120217)               578385.01
4141196.41      128.28572  (11122717)
        578405.01   4141196.41      122.37474  (11122717)               578425.01
4141196.41      112.48718  (11122717)
        578445.01   4141196.41       99.98404  (14122618)               578465.01
4141196.41      110.49661  (16020318)
        578485.01   4141196.41      122.38979  (16020318)               578505.01
4141196.41      129.51321  (16020318)
        578525.01   4141196.41      130.72317  (16020318)               578545.01
4141196.41      126.59820  (16020318)
        578565.01   4141196.41      127.56368  (14112017)               578585.01
4141196.41      148.13243  (14112017)
        578605.01   4141196.41      162.45788  (14112017)               578625.01
4141196.41      170.35608  (13111917)
        578645.01   4141196.41      182.44120  (09012117)               578665.01
4141196.41      190.40087  (09012117)
        578685.01   4141196.41      186.50700  (09012117)               578705.01
4141196.41      184.05086  (15011918)
        578725.01   4141196.41      193.73429  (14121217)               578745.01
4141196.41      193.19607  (14121217)
        578765.01   4141196.41      186.75778  (11010818)               578785.01
4141196.41      201.87033  (11010818)
        578805.01   4141196.41      208.02516  (14010318)               578825.01
4141196.41      204.62558  (14010318)
        578845.01   4141196.41      209.45718  (16120717)               578865.01
4141196.41      213.85818  (16120717)
        578885.01   4141196.41      210.37385  (10010917)               578905.01
4141196.41      221.60274  (14122017)
        578925.01   4141196.41      221.76430  (10120918)               578945.01
4141196.41      214.23794  (13121418)
        578965.01   4141196.41      221.28079  (16110418)               578985.01
4141196.41      224.02159  (09011617)
        579005.01   4141196.41      218.76198  (13121417)               579025.01
4141196.41      225.57161  (09012317)
        579045.01   4141196.41      220.76086  (16010818)               579065.01
4141196.41      223.38260  (10121417)
        579085.01   4141196.41      214.27667  (10121417)               579105.01
4141196.41      213.29867  (11112917)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	207.51086	(13113018)	579145.01	4141196.41	207.61263	(12111418)
579165.01	4141196.41	204.47230	(15111918)	579185.01	4141196.41	207.48639	(09011017)
579205.01	4141196.41	197.57319	(10120217)	579225.01	4141196.41	195.96334	(12111417)
579245.01	4141196.41	190.58744	(12111417)	578385.01	4141216.41	136.08254	(11122717)
578405.01	4141216.41	135.11592	(11122717)	578425.01	4141216.41	129.43494	(11122717)
578445.01	4141216.41	119.73629	(11122717)	578465.01	4141216.41	106.60477	(11122717)
578485.01	4141216.41	117.58384	(16020318)	578505.01	4141216.41	130.00769	(16020318)
578525.01	4141216.41	135.81218	(16020318)	578545.01	4141216.41	136.61741	(16020318)
578565.01	4141216.41	131.87619	(16020318)	578585.01	4141216.41	142.49200	(14112017)
578605.01	4141216.41	162.30805	(14112017)	578625.01	4141216.41	174.39617	(14112017)
578645.01	4141216.41	182.70393	(13111917)	578665.01	4141216.41	196.91891	(09012117)
578685.01	4141216.41	199.23865	(09012117)	578705.01	4141216.41	193.82754	(17122818)
578725.01	4141216.41	199.39904	(14121217)	578745.01	4141216.41	204.29544	(14121217)
578765.01	4141216.41	194.35911	(14121217)	578785.01	4141216.41	209.23175	(11010818)

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        578805.01   4141216.41      216.64261  (14010318)              578825.01
4141216.41      216.95345  (14010318)
        578845.01   4141216.41      218.04494  (16120717)              578925.01
4141216.41      233.07126  (10120918)
        578945.01   4141216.41      224.01451  (13121418)              578965.01
4141216.41      233.51217  (16110418)
        578985.01   4141216.41      235.85249  (09011617)              579005.01
4141216.41      230.16626  (09012317)
        579025.01   4141216.41      237.11109  (09012317)              579045.01
4141216.41      232.45351  (11122618)
        579065.01   4141216.41      235.49711  (10121417)              579085.01
4141216.41      229.16246  (11112917)
        579105.01   4141216.41      222.55354  (10010418)              579125.01
4141216.41      220.53785  (13113018)
        579145.01   4141216.41      220.35969  (12111418)              579165.01
4141216.41      219.27492  (09011017)
        579185.01   4141216.41      214.32231  (09011017)              579205.01
4141216.41      206.64500  (12111417)
        579225.01   4141216.41      205.03435  (12111417)              579245.01
4141216.41      191.50260  (17121518)
        578385.01   4141236.41      145.87257  (12010309)              578405.01
4141236.41      142.63161  (11122717)
        578425.01   4141236.41      142.55193  (11122717)              578445.01
4141236.41      137.29690  (11122717)
        578465.01   4141236.41      127.48617  (11122717)              578485.01
4141236.41      113.97459  (11122717)
        578505.01   4141236.41      124.72503  (16020318)              578525.01
4141236.41      136.56572  (16020318)
        578545.01   4141236.41      143.28013  (16020318)              578565.01
4141236.41      143.57546  (16020318)
        578585.01   4141236.41      137.29987  (16020318)              578605.01
4141236.41      158.50847  (14112017)
        578625.01   4141236.41      176.85748  (14112017)              578645.01
4141236.41      185.93570  (14112017)
        578665.01   4141236.41      200.51763  (09012117)              578685.01
4141236.41      209.60954  (09012117)
        578705.01   4141236.41      205.43820  (09012117)              578725.01
4141236.41      203.98657  (14112818)
        578745.01   4141236.41      214.11903  (14121217)              578765.01
4141236.41      209.50086  (14121217)
        578785.01   4141236.41      216.01732  (11010818)              578805.01
4141236.41      225.10294  (14010318)
        578825.01   4141236.41      229.62755  (14010318)              578945.01
4141236.41      237.90971  (16112517)
        578965.01   4141236.41      246.25271  (16110418)              578985.01
4141236.41      247.98814  (13122818)
        579005.01   4141236.41      248.10906  (09012317)              579025.01
4141236.41      247.37338  (09012317)
        579045.01   4141236.41      248.18384  (10121417)              579065.01
4141236.41      244.70409  (10121417)
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579085.01   4141236.41   240.76375 (11112917)   579105.01
4141236.41   233.45865 (13113018)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S):   CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	234.21115	(12111418)	579145.01	4141236.41	229.01672	(09011017)
579165.01	4141236.41	232.09155	(09011017)	579185.01	4141236.41	221.19808	(10120217)
579205.01	4141236.41	220.14989	(12111417)	579225.01	4141236.41	204.83305	(12111417)
579245.01	4141236.41	201.20811	(17121318)	578385.01	4141256.41	152.26480	(12010309)
578405.01	4141256.41	153.64121	(12010309)	578425.01	4141256.41	150.11873	(12010309)
578445.01	4141256.41	150.38401	(11122717)	578465.01	4141256.41	145.89174	(11122717)
578485.01	4141256.41	135.95976	(11122717)	578505.01	4141256.41	121.71197	(11122717)
578525.01	4141256.41	133.19721	(16020318)	578545.01	4141256.41	145.67244	(16020318)
578565.01	4141256.41	151.88226	(16020318)	578585.01	4141256.41	150.96687	(16020318)
578605.01	4141256.41	150.94722	(14112017)	578625.01	4141256.41	175.53423	(14112017)
578645.01	4141256.41	191.42796	(14112017)	578665.01	4141256.41	200.95210	(13111917)
578685.01	4141256.41	217.19799	(09012117)	578705.01	4141256.41	219.97882	(09012117)
578725.01	4141256.41	213.54871	(17122818)	578745.01	4141256.41	222.49470	(14121217)

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        578765.01   4141256.41      223.75766  (14121217)              578785.01
4141256.41      222.05404  (11010818)
        578805.01   4141256.41      235.81792  (11010818)              578965.01
4141256.41      261.92227  (09011617)
        578985.01   4141256.41      261.81017  (13122818)              579005.01
4141256.41      266.13730  (09012317)
        579025.01   4141256.41      262.67690  (16010818)              579045.01
4141256.41      265.95939  (10121417)
        579065.01   4141256.41      257.69314  (11112917)              579085.01
4141256.41      251.36718  (10010418)
        579105.01   4141256.41      248.95185  (13113018)              579125.01
4141256.41      248.01082  (12111418)
        579145.01   4141256.41      248.97210  (09011017)              579165.01
4141256.41      237.56149  (10120217)
        579185.01   4141256.41      235.98003  (12111417)              579205.01
4141256.41      223.75995  (12111417)
        579225.01   4141256.41      215.54376  (17121518)              579245.01
4141256.41      207.70529  (17121318)
        579265.01   4141256.41      199.78437  (13110618)              578385.01
4141276.41      147.15016  (12010309)
        578405.01   4141276.41      159.02680  (12010309)              578425.01
4141276.41      162.35987  (12010309)
        578445.01   4141276.41      159.64376  (12010309)              578465.01
4141276.41      159.05023  (11122717)
        578485.01   4141276.41      154.76035  (11122717)              578505.01
4141276.41      144.95079  (11122717)
        578525.01   4141276.41      130.66392  (11122717)              578545.01
4141276.41      143.13769  (16020318)
        578565.01   4141276.41      155.69365  (16020318)              578585.01
4141276.41      161.14955  (16020318)
        578605.01   4141276.41      158.60105  (16020318)              578625.01
4141276.41      170.01721  (14112017)
        578645.01   4141276.41      193.19435  (14112017)              578665.01
4141276.41      205.74590  (14112017)
        578685.01   4141276.41      221.54069  (09012117)              578705.01
4141276.41      231.91449  (09012117)
        578725.01   4141276.41      227.60719  (09012117)              578745.01
4141276.41      229.21895  (14121217)
        578765.01   4141276.41      236.84847  (14121217)              578785.01
4141276.41      227.75419  (14121217)
        578985.01   4141276.41      275.78186  (13122818)              579005.01
4141276.41      283.53904  (09012317)
        579025.01   4141276.41      278.53344  (11122618)              579045.01
4141276.41      281.16124  (10121417)
        579065.01   4141276.41      274.30748  (11112917)              579085.01
4141276.41      265.28545  (13113018)
        579105.01   4141276.41      266.79846  (12111418)              579125.01
4141276.41      264.02109  (09011017)
        579145.01   4141276.41      260.02573  (09011017)              579165.01
4141276.41      252.10249  (12111417)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141276.41	244.44083	(12111417)	579205.01	4141276.41	232.12016	(17121518)
579225.01	4141276.41	224.30809	(17121318)	579245.01	4141276.41	213.94874	(13110618)
579265.01	4141276.41	213.65577	(13110618)	578385.01	4141296.41	140.29758	(12010309)
578405.01	4141296.41	152.96650	(12010309)	578425.01	4141296.41	166.09627	(12010309)
578445.01	4141296.41	171.44617	(12010309)	578465.01	4141296.41	170.15648	(12010309)
578485.01	4141296.41	167.73314	(11122717)	578505.01	4141296.41	164.43163	(11122717)
578525.01	4141296.41	154.97200	(11122717)	578545.01	4141296.41	140.74104	(11122717)
578565.01	4141296.41	154.21497	(16020318)	578585.01	4141296.41	166.63250	(16020318)
578605.01	4141296.41	170.90772	(16020318)	578625.01	4141296.41	166.66040	(16020318)
578645.01	4141296.41	190.55469	(14112017)	578665.01	4141296.41	211.14424	(14112017)
578685.01	4141296.41	222.32956	(09012117)	578705.01	4141296.41	240.98055	(09012117)
578725.01	4141296.41	244.18421	(09012117)	578745.01	4141296.41	236.75895	(17122818)
579005.01	4141296.41	300.01309	(09012317)	579025.01	4141296.41	300.92094	(10121417)
579045.01	4141296.41	292.42809	(10121417)	579065.01	4141296.41	286.83732	(10010418)

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        579085.01   4141296.41      284.30212  (13113018)               579105.01
4141296.41      281.94168  (12111418)
        579125.01   4141296.41      284.16337  (09011017)               579145.01
4141296.41      269.95510  (10120217)
        579165.01   4141296.41      266.89070  (12111417)               579185.01
4141296.41      250.35924  (17121518)
        579205.01   4141296.41      242.98356  (17121318)               579225.01
4141296.41      229.89570  (13110618)
        579245.01   4141296.41      229.83356  (13110618)               579265.01
4141296.41      217.84569  (15011018)
        579285.01   4141296.41      198.76855  (15011018)               578385.01
4141316.41      122.49370  (12010309)
        578405.01   4141316.41      142.97643  (12010309)               578425.01
4141316.41      158.74247  (12010309)
        578445.01   4141316.41      172.52894  (12010309)               578465.01
4141316.41      181.44514  (12010309)
        578485.01   4141316.41      181.90251  (12010309)               578505.01
4141316.41      178.38646  (11122717)
        578525.01   4141316.41      175.87834  (11122717)               578545.01
4141316.41      166.74042  (11122717)
        578565.01   4141316.41      152.00939  (11122717)               578585.01
4141316.41      166.55885  (16020318)
        578605.01   4141316.41      178.59731  (16020318)               578625.01
4141316.41      181.43801  (16020318)
        578645.01   4141316.41      182.79844  (14112017)               578665.01
4141316.41      212.18361  (14112017)
        578685.01   4141316.41      228.94315  (14112017)               578705.01
4141316.41      246.78673  (09012117)
        578725.01   4141316.41      258.13799  (09012117)               579025.01
4141316.41      324.49690  (10121417)
        579045.01   4141316.41      315.64962  (11112917)               579065.01
4141316.41      305.41498  (13113018)
        579085.01   4141316.41      307.73722  (12111418)               579105.01
4141316.41      307.04084  (09011017)
        579125.01   4141316.41      293.98535  (10120217)               579145.01
4141316.41      290.95263  (12111417)
        579165.01   4141316.41      270.43058  (17121518)               579185.01
4141316.41      264.17404  (17121318)
        579205.01   4141316.41      247.94963  (13110618)               579225.01
4141316.41      248.30895  (13110618)
        579245.01   4141316.41      234.72632  (15011018)               579265.01
4141316.41      212.49272  (15011018)
        579285.01   4141316.41      182.45196  (15010618)               578385.01
4141336.41       99.29161  (12010309)
        578405.01   4141336.41      122.34848  (12010309)               578425.01
4141336.41      145.32258  (12010309)
        578445.01   4141336.41      164.27043  (12010309)               578465.01
4141336.41      180.77793  (12010309)
        578485.01   4141336.41      191.33601  (12010309)               578505.01
4141336.41      194.53445  (12010309)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578525.01	4141336.41	190.46665	(11122717)	578545.01	4141336.41	188.89259	(11122717)
578565.01	4141336.41	179.77980	(11122717)	578585.01	4141336.41	164.53172	(11122717)
578605.01	4141336.41	180.28060	(16020318)	578625.01	4141336.41	191.57621	(16020318)
578645.01	4141336.41	192.53779	(16020318)	578665.01	4141336.41	207.89448	(14112017)
578685.01	4141336.41	234.38043	(14112017)	578705.01	4141336.41	248.90012	(09012117)
579025.01	4141336.41	344.53314	(10121417)	579045.01	4141336.41	333.19341	(11112917)
579065.01	4141336.41	329.63285	(13113018)	579085.01	4141336.41	326.70619	(09011017)
579105.01	4141336.41	325.87330	(09011017)	579125.01	4141336.41	316.55620	(12111417)
579145.01	4141336.41	297.16898	(12111417)	579165.01	4141336.41	288.26538	(17121318)
579185.01	4141336.41	269.78956	(09121018)	579205.01	4141336.41	269.52788	(13110618)
579225.01	4141336.41	253.99130	(15011018)	579245.01	4141336.41	227.85519	(15011018)
579265.01	4141336.41	193.33667	(15010618)	579285.01	4141336.41	180.43231	(09011517)
578385.01	4141356.41	108.72434	(09110418)	578405.01	4141356.41	99.57063	(09110418)
578425.01	4141356.41	121.14055	(12010309)	578445.01	4141356.41	146.37196	(12010309)

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        578465.01   4141356.41      169.81574  (12010309)              578485.01
4141356.41      189.68732  (12010309)
        578505.01   4141356.41      202.96783  (12010309)              578525.01
4141356.41      208.23435  (12010309)
        578545.01   4141356.41      205.55117  (12010309)              578565.01
4141356.41      203.27481  (11122717)
        578585.01   4141356.41      194.27204  (11122717)              578605.01
4141356.41      178.74339  (11122717)
        578625.01   4141356.41      195.55525  (16020318)              578645.01
4141356.41      205.47248  (16020318)
        578665.01   4141356.41      204.44467  (16020318)              578685.01
4141356.41      234.75182  (14112017)
        579025.01   4141356.41      367.95702  (11112917)              579045.01
4141356.41      357.54805  (13113018)
        579065.01   4141356.41      360.38953  (12111418)              579085.01
4141356.41      360.26883  (09011017)
        579105.01   4141356.41      342.85081  (12111417)              579125.01
4141356.41      331.89797  (12111417)
        579145.01   4141356.41      315.74659  (17121318)              579165.01
4141356.41      295.05884  (09121018)
        579185.01   4141356.41      294.23719  (13110618)              579205.01
4141356.41      276.13293  (15011018)
        579225.01   4141356.41      245.14155  (15011018)              579245.01
4141356.41      205.13737  (15010618)
        579265.01   4141356.41      194.04311  (09011517)              579285.01
4141356.41      176.81197  (09011517)
        579305.01   4141356.41      169.18413  (12120718)              578385.01
4141376.41      132.05968  (09110418)
        578405.01   4141376.41      125.90183  (09110418)              578425.01
4141376.41      117.58471  (09110418)
        578445.01   4141376.41      119.85933  (12010309)              578465.01
4141376.41      147.85852  (12010309)
        578485.01   4141376.41      175.06195  (12010309)              578505.01
4141376.41      198.70068  (12010309)
        578525.01   4141376.41      215.79334  (12010309)              578545.01
4141376.41      223.66778  (12010309)
        578565.01   4141376.41      222.62828  (12010309)              578585.01
4141376.41      219.19302  (11122717)
        578605.01   4141376.41      210.59564  (11122717)              578625.01
4141376.41      194.66369  (11122717)
        578645.01   4141376.41      212.50393  (16020318)              578665.01
4141376.41      220.67815  (16020318)
        578685.01   4141376.41      228.76846  (14112017)              579005.01
4141376.41      410.02597  (10121417)
        579025.01   4141376.41      396.46656  (11112917)              579045.01
4141376.41      390.38559  (12111418)
        579065.01   4141376.41      392.10117  (09011017)              579085.01
4141376.41      378.51300  (10120217)
        579105.01   4141376.41      370.65554  (12111417)              579125.01
4141376.41      347.11404  (17121318)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579145.01	4141376.41	325.11466	(17121318)	579165.01	4141376.41	323.00958	(13110618)
579185.01	4141376.41	301.83247	(15011018)	579205.01	4141376.41	264.81039	(15011018)
579225.01	4141376.41	223.33595	(09011517)	579245.01	4141376.41	208.97961	(09011517)
579265.01	4141376.41	190.07460	(12120718)	579285.01	4141376.41	184.76614	(17122918)
579305.01	4141376.41	180.05768	(17122918)	578385.01	4141396.41	149.88982	(09110418)
578405.01	4141396.41	148.65019	(09110418)	578425.01	4141396.41	144.41914	(09110418)
578445.01	4141396.41	137.43743	(09110418)	578465.01	4141396.41	128.04695	(09110418)
578485.01	4141396.41	148.71971	(12010309)	578505.01	4141396.41	180.06385	(12010309)
578525.01	4141396.41	208.43692	(12010309)	578545.01	4141396.41	229.33479	(12010309)
578565.01	4141396.41	240.66971	(12010309)	578585.01	4141396.41	241.42412	(12010309)
578605.01	4141396.41	236.85130	(11122717)	578625.01	4141396.41	228.67261	(11122717)
578645.01	4141396.41	212.63237	(11122717)	578665.01	4141396.41	231.36531	(16020318)
579005.01	4141396.41	439.44237	(10121417)	579025.01	4141396.41	426.95439	(13113018)
579045.01	4141396.41	430.02127	(12111418)	579065.01	4141396.41	426.83044	(09011017)

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        579085.01   4141396.41      413.41995  (12111417)              579105.01
4141396.41      384.46994  (17121518)
        579125.01   4141396.41      363.63941  (17121318)              579145.01
4141396.41      357.10145  (13110618)
        579165.01   4141396.41      332.01698  (15011018)              579185.01
4141396.41      287.25903  (15011018)
        579205.01   4141396.41      244.95573  (09011517)              579225.01
4141396.41      225.31397  (09011517)
        579245.01   4141396.41      208.42518  (12120718)              579265.01
4141396.41      203.37981  (17122918)
        579285.01   4141396.41      194.34723  (17122918)              579305.01
4141396.41      188.36321  (14011818)
        578385.01   4141416.41      157.89388  (09110418)              578405.01
4141416.41      163.00490  (09110418)
        578425.01   4141416.41      165.07980  (09110418)              578445.01
4141416.41      163.84495  (09110418)
        578465.01   4141416.41      159.08790  (09110418)              578485.01
4141416.41      151.08070  (09110418)
        578505.01   4141416.41      148.41987  (12010309)              578525.01
4141416.41      184.53510  (12010309)
        578545.01   4141416.41      218.12759  (12010309)              578565.01
4141416.41      244.24010  (12010309)
        578585.01   4141416.41      259.55063  (12010309)              578605.01
4141416.41      262.46770  (12010309)
        578625.01   4141416.41      256.83951  (11122717)              578645.01
4141416.41      248.73296  (11122717)
        578665.01   4141416.41      233.86268  (16020318)              579025.01
4141416.41      475.27948  (12111418)
        579045.01   4141416.41      478.82375  (09011017)              579065.01
4141416.41      459.52854  (12111417)
        579085.01   4141416.41      428.86734  (17121518)              579105.01
4141416.41      409.87757  (17121318)
        579125.01   4141416.41      397.92258  (13110618)              579145.01
4141416.41      367.83320  (15011018)
        579165.01   4141416.41      313.12025  (15011018)              579185.01
4141416.41      269.54406  (09011517)
        579205.01   4141416.41      242.96872  (09011517)              579225.01
4141416.41      230.32336  (17122918)
        579245.01   4141416.41      223.18683  (17122918)              579265.01
4141416.41      212.74942  (14011818)
        579285.01   4141416.41      206.27980  (14011818)              579305.01
4141416.41      194.81889  (14011818)
        578385.01   4141436.41      153.04542  (09110418)              578405.01
4141436.41      164.78639  (09110418)
        578425.01   4141436.41      174.25787  (09110418)              578445.01
4141436.41      180.74869  (09110418)
        578465.01   4141436.41      183.41671  (09110418)              578485.01
4141436.41      182.02042  (09110418)
        578505.01   4141436.41      176.16394  (09110418)              578525.01
4141436.41      166.80391  (09110418)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578545.01	4141436.41	188.15568	(12010309)	578565.01	4141436.41	228.11222	(12010309)
578585.01	4141436.41	260.85956	(12010309)	578605.01	4141436.41	280.97731	(12010309)
578625.01	4141436.41	286.36231	(12010309)	578645.01	4141436.41	279.64853	(11122717)
579025.01	4141436.41	527.33205	(12111418)	579045.01	4141436.41	516.57829	(10120217)
579065.01	4141436.41	494.42037	(12111417)	579085.01	4141436.41	466.25788	(17121318)
579105.01	4141436.41	447.57671	(13110618)	579125.01	4141436.41	410.93051	(15011018)
579145.01	4141436.41	343.26127	(15011018)	579165.01	4141436.41	297.75799	(09011517)
579185.01	4141436.41	266.09006	(12120718)	579205.01	4141436.41	257.95040	(17122918)
579225.01	4141436.41	243.79185	(17122918)	579245.01	4141436.41	236.62542	(14011818)
579265.01	4141436.41	223.86796	(14011818)	579285.01	4141436.41	206.38729	(14011818)
579305.01	4141436.41	201.09104	(17120218)	579325.01	4141436.41	192.11565	(17120218)
578385.01	4141456.41	152.52353	(16030918)	578405.01	4141456.41	153.10178	(16030918)
578425.01	4141456.41	167.87594	(09110418)	578445.01	4141456.41	182.31526	(09110418)
578465.01	4141456.41	193.95050	(09110418)	578485.01	4141456.41	201.91020	(09110418)

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        578505.01   4141456.41      204.86046  (09110418)              578525.01
4141456.41      203.43807  (09110418)
        578545.01   4141456.41      196.29830  (09110418)              578565.01
4141456.41      190.62799  (12010309)
        578585.01   4141456.41      238.55845  (12010309)              578605.01
4141456.41      279.35081  (12010309)
        578625.01   4141456.41      305.65055  (12010309)              578645.01
4141456.41      313.98335  (12010309)
        579045.01   4141456.41      574.39021  (12111417)              579065.01
4141456.41      535.72687  (17121318)
        579085.01   4141456.41      509.17811  (13110618)              579105.01
4141456.41      463.65811  (15011018)
        579125.01   4141456.41      378.61459  (15011018)              579145.01
4141456.41      330.18514  (09011517)
        579165.01   4141456.41      299.73952  (17122918)              579185.01
4141456.41      288.14469  (17122918)
        579205.01   4141456.41      274.75419  (14011818)              579225.01
4141456.41      260.89850  (14011818)
        579245.01   4141456.41      240.06248  (14011818)              579265.01
4141456.41      230.88861  (17120218)
        578385.01   4141476.41      161.71551  (16030918)              578405.01
4141476.41      168.05555  (16030918)
        578425.01   4141476.41      172.59080  (16030918)              578445.01
4141476.41      175.02922  (16030918)
        578465.01   4141476.41      185.54836  (09110418)              578485.01
4141476.41      203.48144  (09110418)
        578505.01   4141476.41      217.71433  (09110418)              578525.01
4141476.41      227.84715  (09110418)
        578545.01   4141476.41      231.01282  (09110418)              578565.01
4141476.41      228.65862  (09110418)
        578585.01   4141476.41      220.41645  (09110418)              578605.01
4141476.41      248.59963  (12010309)
        578625.01   4141476.41      300.04422  (12010309)              578645.01
4141476.41      334.82523  (12010309)
        579065.01   4141476.41      587.21349  (13110618)              579085.01
4141476.41      529.75487  (15011018)
        579105.01   4141476.41      420.59721  (15011018)              579125.01
4141476.41      367.19310  (09011517)
        579145.01   4141476.41      344.23878  (17122918)              579165.01
4141476.41      323.46693  (14011818)
        579185.01   4141476.41      308.95220  (14011818)              579205.01
4141476.41      283.91930  (14011818)
        579225.01   4141476.41      269.25782  (17120218)              578385.01
4141496.41      156.54792  (16030918)
        578405.01   4141496.41      168.25284  (16030918)              578425.01
4141496.41      179.08824  (16030918)
        578445.01   4141496.41      188.53473  (16030918)              578465.01
4141496.41      196.15262  (16030918)
        578485.01   4141496.41      201.45036  (16030918)              578505.01
4141496.41      206.94420  (09110418)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578525.01	4141496.41	229.75024	(09110418)	578545.01	4141496.41	247.09438	(09110418)
578565.01	4141496.41	258.77743	(09110418)	578585.01	4141496.41	263.10643	(09110418)
578605.01	4141496.41	259.56277	(09110418)	578625.01	4141496.41	257.86251	(12010309)
578645.01	4141496.41	323.49308	(12010309)	579085.01	4141496.41	478.35417	(09011517)
579105.01	4141496.41	415.52753	(12120718)	579125.01	4141496.41	394.73187	(17122918)
579145.01	4141496.41	373.56116	(14011818)	579165.01	4141496.41	343.13174	(14011818)
579185.01	4141496.41	320.17714	(17120218)	579205.01	4141496.41	299.33115	(17120218)
578385.01	4141516.41	181.25097	(14120118)	578405.01	4141516.41	182.77796	(14120118)
578425.01	4141516.41	182.92575	(14120118)	578445.01	4141516.41	183.08881	(16030918)
578465.01	4141516.41	198.16425	(16030918)	578485.01	4141516.41	212.15041	(16030918)
578505.01	4141516.41	224.02208	(16030918)	578525.01	4141516.41	233.61862	(16030918)
578545.01	4141516.41	238.64614	(16030918)	578565.01	4141516.41	261.68703	(09110418)
578585.01	4141516.41	284.45383	(09110418)	578605.01	4141516.41	298.92079	(09110418)
578625.01	4141516.41	303.28257	(09110418)	578645.01	4141516.41	297.85606	(09110418)

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        579085.01   4141516.41      496.94032  (17122918)              579105.01
4141516.41      463.41262  (14011818)
        579125.01   4141516.41      426.26634  (14011818)              579145.01
4141516.41      390.56620  (17120218)
        579165.01   4141516.41      360.80361  (17120218)              578385.01
4141536.41      199.87004  (14120118)
        578405.01   4141536.41      207.33719  (14120118)              578425.01
4141536.41      213.94615  (14120118)
        578445.01   4141536.41      219.46618  (14120118)              578465.01
4141536.41      223.46359  (14120118)
        578485.01   4141536.41      225.79425  (14120118)              578505.01
4141536.41      226.01543  (14120118)
        578525.01   4141536.41      239.48522  (16030918)              578545.01
4141536.41      257.12526  (16030918)
        578565.01   4141536.41      272.41941  (16030918)              578585.01
4141536.41      283.10887  (16030918)
        578605.01   4141536.41      304.23933  (09110418)              578625.01
4141536.41      334.16685  (09110418)
        578645.01   4141536.41      351.94634  (09110418)              578665.01
4141536.41      355.05275  (09110418)
        579105.01   4141536.41      493.16874  (17120218)              579125.01
4141536.41      448.08041  (17120218)
        579185.01   4141536.41      343.92701  (17112018)              578385.01
4141556.41      197.49498  (14120118)
        578405.01   4141556.41      210.23868  (14120118)              578425.01
4141556.41      223.10003  (14120118)
        578445.01   4141556.41      235.92153  (14120118)              578465.01
4141556.41      248.29879  (14120118)
        578485.01   4141556.41      259.81107  (14120118)              578505.01
4141556.41      270.00788  (14120118)
        578525.01   4141556.41      278.98747  (14120118)              578545.01
4141556.41      284.65028  (14120118)
        578565.01   4141556.41      288.10260  (14120118)              578585.01
4141556.41      297.20951  (16030918)
        578605.01   4141556.41      321.98467  (16030918)              578625.01
4141556.41      341.22637  (16030918)
        578645.01   4141556.41      363.19210  (09110418)              578665.01
4141556.41      403.19245  (09110418)
        578685.01   4141556.41      423.98247  (09110418)              579165.01
4141556.41      365.22915  (17112018)
        579185.01   4141556.41      323.50495  (13120418)              579205.01
4141556.41      302.76033  (11121418)
        578385.01   4141576.41      178.72430  (12010417)              578405.01
4141576.41      191.15050  (17020418)
        578425.01   4141576.41      205.31049  (17020418)              578445.01
4141576.41      222.46431  (14120118)
        578465.01   4141576.41      241.01155  (14120118)              578485.01
4141576.41      260.44109  (14120118)
        578505.01   4141576.41      280.63959  (14120118)              578525.01
4141576.41      301.29158  (14120118)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578545.01	4141576.41	320.83485	(14120118)	578565.01	4141576.41	339.67713	(14120118)
578585.01	4141576.41	356.50580	(14120118)	578605.01	4141576.41	370.29469	(14120118)
578625.01	4141576.41	379.81942	(14120118)	578645.01	4141576.41	387.52422	(16030918)
578665.01	4141576.41	421.94546	(16030918)	578685.01	4141576.41	449.83033	(09110418)
578705.01	4141576.41	506.59728	(09110418)	579145.01	4141576.41	413.43753	(11121418)
579165.01	4141576.41	381.47949	(11121418)	579185.01	4141576.41	350.36117	(11121418)
579205.01	4141576.41	320.76116	(11121418)	579225.01	4141576.41	293.08553	(11121418)
579245.01	4141576.41	270.23536	(10122318)	579265.01	4141576.41	254.50276	(10122318)
578385.01	4141596.41	202.91372	(12010417)	578405.01	4141596.41	211.91434	(12010417)
578425.01	4141596.41	221.12252	(12010417)	578445.01	4141596.41	230.75255	(12010417)
578465.01	4141596.41	240.64542	(12010417)	578485.01	4141596.41	250.71065	(12010417)
578505.01	4141596.41	261.21257	(12010417)	578525.01	4141596.41	275.94015	(17020418)
578545.01	4141596.41	304.67585	(14120118)	578565.01	4141596.41	336.73772	(14120118)
578585.01	4141596.41	370.65920	(14120118)	578605.01	4141596.41	405.92317	(14120118)

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        578625.01   4141596.41      441.47992  (14120118)              578645.01
4141596.41      475.64683  (14120118)
        578665.01   4141596.41      506.12522  (14120118)              578685.01
4141596.41      529.30127  (14120118)
        578705.01   4141596.41      543.45188  (16030918)              578725.01
4141596.41      591.97079  (16030918)
        578745.01   4141596.41      682.42749  (09110418)              579105.01
4141596.41      534.14031  (10120118)
        579145.01   4141596.41      423.53709  (10122318)              579165.01
4141596.41      387.39411  (10122318)
        579185.01   4141596.41      354.80261  (10122318)              579205.01
4141596.41      325.50137  (10122318)
        579225.01   4141596.41      299.14227  (10122318)              579245.01
4141596.41      275.42077  (10122318)
        579265.01   4141596.41      255.28557  (11112918)              579285.01
4141596.41      239.53780  (11112918)
        579305.01   4141596.41      225.26148  (11112918)              579325.01
4141596.41      212.07829  (11112918)
        579345.01   4141596.41      200.02737  (11112918)              578385.01
4141616.41      204.56423  (13012417)
        578405.01   4141616.41      214.00862  (12010417)              578425.01
4141616.41      226.75063  (12010417)
        578445.01   4141616.41      240.53219  (12010417)              578465.01
4141616.41      255.38476  (12010417)
        578485.01   4141616.41      271.54897  (12010417)              578505.01
4141616.41      289.17798  (12010417)
        578525.01   4141616.41      308.71103  (12010417)              578545.01
4141616.41      328.76781  (12010417)
        578565.01   4141616.41      351.20494  (12010417)              578585.01
4141616.41      375.01214  (12010417)
        578605.01   4141616.41      400.42891  (12010417)              578625.01
4141616.41      427.41959  (12010417)
        578645.01   4141616.41      465.27651  (14120118)              578665.01
4141616.41      532.28260  (14120118)
        578685.01   4141616.41      606.49361  (14120118)              578705.01
4141616.41      684.75154  (14120118)
        578725.01   4141616.41      760.53782  (14120118)              578745.01
4141616.41      824.28876  (14120118)
        579065.01   4141616.41      703.95217  (10122318)              579085.01
4141616.41      608.26180  (10122318)
        579105.01   4141616.41      531.23234  (11112918)              579125.01
4141616.41      475.32834  (11112918)
        579165.01   4141616.41      387.87768  (11112918)              579185.01
4141616.41      353.25504  (11112918)
        579205.01   4141616.41      323.12413  (11112918)              579225.01
4141616.41      296.82919  (11112918)
        579245.01   4141616.41      273.70339  (11112918)              579265.01
4141616.41      253.21028  (11112918)
        579285.01   4141616.41      234.87208  (11112918)              579305.01
4141616.41      218.60627  (11112918)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141616.41	204.05030	(11112918)	579345.01	4141616.41	190.89966	(11112918)
578385.01	4141636.41	225.26490	(13012417)	578405.01	4141636.41	236.97263	(13012417)
578425.01	4141636.41	249.77709	(13012417)	578445.01	4141636.41	263.74051	(13012417)
578465.01	4141636.41	279.08672	(13012417)	578485.01	4141636.41	295.94550	(13012417)
578505.01	4141636.41	314.58016	(13012417)	578525.01	4141636.41	335.47501	(13012417)
578545.01	4141636.41	358.49326	(13012417)	578565.01	4141636.41	384.47323	(13012417)
578585.01	4141636.41	413.91247	(13012417)	578605.01	4141636.41	447.09105	(13012417)
578625.01	4141636.41	484.76906	(13012417)	578645.01	4141636.41	528.21386	(13012417)
578665.01	4141636.41	578.39139	(13012417)	578685.01	4141636.41	637.86087	(13012417)
578705.01	4141636.41	710.04880	(12010417)	578725.01	4141636.41	806.94685	(12010417)
579045.01	4141636.41	769.29230	(11112918)	579065.01	4141636.41	652.93895	(11112918)
579085.01	4141636.41	563.39345	(11112918)	579105.01	4141636.41	492.37644	(11112918)
579125.01	4141636.41	434.84720	(11112918)	579165.01	4141636.41	347.90496	(11112918)
579185.01	4141636.41	314.36818	(11112918)	579205.01	4141636.41	285.72206	(11112918)

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        579225.01   4141636.41      261.05435  (11112918)              579245.01
4141636.41      239.56324  (11112918)
        579265.01   4141636.41      220.72107  (11112918)              579285.01
4141636.41      204.08289  (11112918)
        579305.01   4141636.41      189.39968  (11112918)              579325.01
4141636.41      177.45531  (10120318)
        579345.01   4141636.41      166.90575  (10120318)              578385.01
4141656.41      215.90229  (13012417)
        578405.01   4141656.41      227.45384  (13012417)              578425.01
4141656.41      240.05178  (13012417)
        578445.01   4141656.41      254.01223  (13012417)              578465.01
4141656.41      269.59712  (13012417)
        578485.01   4141656.41      286.68399  (13012417)              578505.01
4141656.41      306.00255  (13012417)
        578525.01   4141656.41      327.37127  (13012417)              578545.01
4141656.41      351.61840  (13012417)
        578565.01   4141656.41      379.30519  (13012417)              578585.01
4141656.41      411.15339  (13012417)
        578605.01   4141656.41      448.10815  (13012417)              578625.01
4141656.41      491.58706  (13012417)
        578645.01   4141656.41      542.78011  (13012417)              578665.01
4141656.41      604.15999  (13012417)
        578685.01   4141656.41      680.71343  (13012417)              578705.01
4141656.41      774.66354  (13012417)
        578725.01   4141656.41      895.51792  (13012417)              579005.01
4141656.41      930.45382  (16011318)
        579025.01   4141656.41      785.66404  (16011318)              579045.01
4141656.41      668.30474  (16011318)
        579065.01   4141656.41      573.17557  (16011318)              579085.01
4141656.41      495.32227  (16011318)
        579105.01   4141656.41      431.30769  (16011318)              579125.01
4141656.41      378.25108  (16011318)
        579145.01   4141656.41      333.86665  (16011318)              579185.01
4141656.41      275.04871  (09112318)
        579205.01   4141656.41      254.02556  (09112318)              579225.01
4141656.41      235.53779  (09112318)
        579245.01   4141656.41      219.27762  (09112318)              579265.01
4141656.41      204.70912  (09112318)
        579285.01   4141656.41      191.78736  (09112318)              579305.01
4141656.41      180.23329  (09112318)
        579325.01   4141656.41      169.76159  (09112318)              579345.01
4141656.41      160.28369  (09112318)
        578385.01   4141676.41      191.17457  (17121418)              578405.01
4141676.41      200.30914  (17121418)
        578425.01   4141676.41      210.20703  (17121418)              578445.01
4141676.41      223.04324  (10012218)
        578465.01   4141676.41      238.15855  (10012218)              578485.01
4141676.41      254.58790  (10012218)
        578505.01   4141676.41      273.18544  (10012218)              578525.01
4141676.41      293.33630  (10012218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578545.01	4141676.41	315.95492	(10012218)	578565.01	4141676.41	341.33863	(10012218)
578585.01	4141676.41	370.04071	(10012218)	578605.01	4141676.41	402.48658	(10012218)
578625.01	4141676.41	439.83818	(10012218)	578645.01	4141676.41	483.05823	(10012218)
578665.01	4141676.41	532.89064	(10012218)	578685.01	4141676.41	589.70064	(10012218)
578705.01	4141676.41	656.05059	(10012218)	578985.01	4141676.41	882.41251	(17010418)
579005.01	4141676.41	777.08217	(17010418)	579025.01	4141676.41	689.92026	(17010418)
579045.01	4141676.41	621.32636	(16011318)	579065.01	4141676.41	560.65310	(16011318)
579085.01	4141676.41	505.98333	(16011318)	579105.01	4141676.41	456.67878	(16011318)
579125.01	4141676.41	412.65126	(16011318)	579145.01	4141676.41	373.45178	(16011318)
579165.01	4141676.41	338.58240	(16011318)	579185.01	4141676.41	307.68170	(16011318)
579205.01	4141676.41	280.22715	(16011318)	579225.01	4141676.41	255.80113	(16011318)
579245.01	4141676.41	234.18522	(16011318)	579265.01	4141676.41	214.84387	(16011318)
579285.01	4141676.41	197.58093	(16011318)	579305.01	4141676.41	182.06941	(16011318)
579325.01	4141676.41	168.20860	(16011318)	579345.01	4141676.41	155.78508	(16011318)

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        578385.01   4141696.41      193.46862  (10012218)               578405.01
4141696.41      203.09155  (10012218)
        578425.01   4141696.41      213.48718  (10012218)               578445.01
4141696.41      224.70382  (10012218)
        578465.01   4141696.41      236.45673  (10012218)               578485.01
4141696.41      248.85007  (10012218)
        578505.01   4141696.41      262.42594  (10012218)               578525.01
4141696.41      276.59897  (10012218)
        578565.01   4141696.41      306.84682  (10012218)               578585.01
4141696.41      322.98033  (10012218)
        578605.01   4141696.41      339.51013  (10012218)               578625.01
4141696.41      356.10788  (10012218)
        578645.01   4141696.41      372.98564  (10012218)               578665.01
4141696.41      427.37564  (15102718)
        578685.01   4141696.41      515.57133  (15102718)               578945.01
4141696.41      999.86481  (17112518)
        578965.01   4141696.41      856.13471  (09012218)               578985.01
4141696.41      769.60432  (09012218)
        579005.01   4141696.41      694.43302  (09012218)               579025.01
4141696.41      629.59905  (09012218)
        579045.01   4141696.41      567.37973  (09012218)               579065.01
4141696.41      503.29509  (09012218)
        579085.01   4141696.41      463.68183  (17010418)               579105.01
4141696.41      424.97253  (17010418)
        579125.01   4141696.41      386.91609  (17010418)               579145.01
4141696.41      352.51498  (16011318)
        579165.01   4141696.41      329.42597  (16011318)               579185.01
4141696.41      307.40576  (16011318)
        579205.01   4141696.41      286.48350  (16011318)               579225.01
4141696.41      266.93769  (16011318)
        579245.01   4141696.41      248.66430  (16011318)               579265.01
4141696.41      231.75440  (16011318)
        579285.01   4141696.41      216.07063  (16011318)               579305.01
4141696.41      201.53631  (16011318)
        579325.01   4141696.41      188.23321  (16011318)               579345.01
4141696.41      175.96891  (16011318)
        578385.01   4141716.41      174.88139  (10012218)               578405.01
4141716.41      180.46957  (10012218)
        578425.01   4141716.41      186.17355  (10012218)               578445.01
4141716.41      191.74304  (10012218)
        578465.01   4141716.41      196.89710  (10012218)               578485.01
4141716.41      201.81017  (10012218)
        578505.01   4141716.41      206.61458  (10012218)               578525.01
4141716.41      210.69592  (10012218)
        578605.01   4141716.41      333.12949  (15102718)               578625.01
4141716.41      383.84312  (15102718)
        578645.01   4141716.41      438.02852  (15102718)               578665.01
4141716.41      492.69457  (16120718)
        578685.01   4141716.41      607.53618  (16120718)               578905.01
4141716.41      967.53975  (13012318)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP10 ***
INCLUDING SOURCE(S): CONSTR3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141716.41	841.40327	(13012318)	578945.01	4141716.41	791.45556	(11121618)
578965.01	4141716.41	725.92084	(17112518)	578985.01	4141716.41	665.57013	(17112518)
579005.01	4141716.41	603.40889	(17112518)	579025.01	4141716.41	548.29647	(17112518)
579045.01	4141716.41	514.16627	(09012218)	579065.01	4141716.41	482.35795	(09012218)
579085.01	4141716.41	445.92354	(09012218)	579105.01	4141716.41	405.49529	(09012218)
579125.01	4141716.41	362.88564	(09012218)	579145.01	4141716.41	337.67153	(17010418)
579165.01	4141716.41	317.00547	(17010418)	579185.01	4141716.41	295.61565	(17010418)
579205.01	4141716.41	274.13766	(17010418)	579225.01	4141716.41	253.14161	(17010418)
579245.01	4141716.41	234.32085	(16011318)	579265.01	4141716.41	223.16615	(16011318)
579285.01	4141716.41	212.15038	(16011318)	579305.01	4141716.41	201.32487	(16011318)
579325.01	4141716.41	190.96901	(16011318)	579345.01	4141716.41	181.05692	(16011318)
578385.01	4141736.41	137.29525	(10012218)	578405.01	4141736.41	138.28102	(10012218)
578425.01	4141736.41	138.71041	(10012218)	578445.01	4141736.41	149.47700	(10122809)
578465.01	4141736.41	167.00202	(10122809)	578485.01	4141736.41	185.98265	(10122809)

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        578505.01   4141736.41      211.19359  (15102718)              578625.01
4141736.41      429.50449  (16120718)
        578645.01   4141736.41      502.95837  (16120718)              578665.01
4141736.41      571.94326  (16120718)
        578865.01   4141736.41     1076.38917  (09112618)              578885.01
4141736.41      900.78761  (14121218)
        578905.01   4141736.41      834.92176  (14121218)              578925.01
4141736.41      708.45796  (14121218)
        578945.01   4141736.41      641.29597  (14121218)              578965.01
4141736.41      567.22968  (11121618)
        578985.01   4141736.41      561.30280  (11121618)              579005.01
4141736.41      527.92018  (11121618)
        579025.01   4141736.41      504.22610  (17112518)              579045.01
4141736.41      473.09550  (17112518)
        579065.01   4141736.41      435.54445  (17112518)              579085.01
4141736.41      398.10287  (09012218)
        579105.01   4141736.41      382.54787  (09012218)              579125.01
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        578405.01   4141756.41      147.78528  (10122809)              578425.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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1 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP10  ***
                                   INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        578945.01   4141896.41      298.07541  (12121918)               578965.01
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        578985.01   4141896.41      299.74415  (14121218)               579005.01
4141896.41      268.62700  (14121218)
        579025.01   4141896.41      247.83930  (14020618)               579045.01
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        579065.01   4141896.41      207.97702  (14020618)               579085.01
4141896.41      217.08217  (13012318)
        579105.01   4141896.41      216.63096  (13012318)               579125.01
4141896.41      205.49584  (13012318)
        579145.01   4141896.41      185.67442  (13012318)               579165.01
4141896.41      163.73043  (16112618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        579185.01   4141896.41      167.79256  (16112618)               579205.01
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        579225.01   4141896.41      177.26435  (11121618)               579245.01
4141896.41      177.38668  (11121618)
        579265.01   4141896.41      172.60349  (11121618)               579285.01
4141896.41      163.69223  (11121618)
        579305.01   4141896.41      161.88287  (17112518)               579325.01
4141896.41      157.57422  (17112518)
        579345.01   4141896.41      150.51481  (17112518)               578565.01
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        578625.01   4141916.41      327.31946  (11112818)               578645.01
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        578665.01   4141916.41      363.25248  (09010809)               578685.01
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        578705.01   4141916.41      334.43717  (12112718)               578725.01
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        578745.01   4141916.41      382.51070  (09112618)               578765.01
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        578785.01   4141916.41      352.01965  (14120418)               578805.01
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4141125.26      112.72950  (16020318)
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4141125.26      163.54788  (09012117)
        578646.27   4141125.26      161.40636  (09012117)               578666.27
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        578686.27   4141125.26      161.05492  (14121217)               578706.27
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        578886.27   4141125.26      179.43809  (14122017)               578906.27
4141125.26      188.20149  (14122017)
        578926.27   4141125.26      187.84015  (10120918)               578946.27
4141125.26      183.49033  (13121418)
        578966.27   4141125.26      184.35006  (16112517)               578986.27
4141125.26      185.67623  (16110418)
        579006.27   4141125.26      187.10246  (13122818)               579026.27
4141125.26      181.99166  (13012218)
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4141125.26      184.46727  (16010818)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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4141942.60      244.59308  (14103118)
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4141942.60      253.69968  (14103118)
        578905.67   4141942.60      226.12378  (14123117)                578925.67
4141942.60      233.83146  (12121918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP10  ***
                                    INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579025.67	4141942.60	220.41943	(14121218)	579045.67	4141942.60	206.52387	(14020618)
579065.67	4141942.60	200.23813	(14020618)	579085.67	4141942.60	182.37234	(14020618)
579105.67	4141942.60	170.67685	(13012318)	579125.67	4141942.60	179.54724	(13012318)
579145.67	4141942.60	179.26094	(13012318)	579165.67	4141942.60	170.89773	(13012318)
579185.67	4141942.60	156.05545	(13012318)	578745.52	4141955.60	331.98079	(09112618)
578765.52	4141955.60	306.53860	(14120418)	578785.52	4141955.60	259.43412	(14120418)
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578885.52	4141955.60	241.14081	(14103118)	578905.52	4141955.60	216.07562	(14123117)
578925.52	4141955.60	219.15877	(12121918)	578945.52	4141955.60	238.02186	(12121918)
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579045.52	4141955.60	195.77260	(14020618)	579065.52	4141955.60	194.58740	(14020618)
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579165.52	4141955.60	168.20451	(13012318)	579185.52	4141955.60	157.68805	(13012318)
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578825.22	4141971.34	214.85017	(14010809)	578845.22	4141971.34	222.56285	(14103118)
578865.22	4141971.34	236.93697	(14103118)	578885.22	4141971.34	227.34332	(14103118)
578905.22	4141971.34	205.01505	(14123117)	578925.22	4141971.34	202.50401	(12121918)
578945.22	4141971.34	223.61978	(12121918)	578965.22	4141971.34	224.21882	(12121918)

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4141971.34      178.84236  (14020618)
        579105.22   4141971.34      162.26161  (14020618)                579125.22
4141971.34      150.64192  (13012318)
        579145.22   4141971.34      160.07914  (13012318)                579165.22
4141971.34      161.89712  (13012318)
        579185.22   4141971.34      156.70610  (13012318)                578790.01
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4141986.40      224.39072  (14103118)
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4141986.40      190.68071  (14123117)
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        579050.01   4141986.40      178.91846  (14121218)                579070.01
4141986.40      176.63226  (14020618)
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4142001.46      184.26153  (14103118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP10  ***
                                   INCLUDING SOURCE(S):     CONSTR3_1D  ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

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

- -

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578890.54	4142001.46	198.12420	(14103118)	578910.54	4142001.46	181.36610	(14123117)
578930.54	4142001.46	182.83595	(12121918)	578950.54	4142001.46	201.92178	(12121918)
578970.54	4142001.46	203.67625	(12121918)	578990.54	4142001.46	204.19657	(14121218)
579010.54	4142001.46	209.85771	(14121218)	579030.54	4142001.46	200.26921	(14121218)
579050.54	4142001.46	178.15805	(14121218)	579070.54	4142001.46	167.04480	(14020618)
579090.54	4142001.46	166.49467	(14020618)	579110.54	4142001.46	156.81346	(14020618)
579130.54	4142001.46	140.05785	(14020618)	579150.54	4142001.46	136.00293	(13012318)
579170.54	4142001.46	144.15788	(13012318)	579190.54	4142001.46	146.01577	(13012318)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

- -

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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4141176.41 173.91745 (12010309)
578465.01 4141176.41 172.12457 (12010309) 578485.01
4141176.41 169.85422 (11122717)
578505.01 4141176.41 166.20816 (12010309) 578525.01
4141176.41 164.23458 (11122717)
578545.01 4141176.41 160.69552 (11122717) 578565.01
4141176.41 164.06331 (16020318)
578585.01 4141176.41 172.99001 (14112017) 578605.01
4141176.41 187.84255 (14112017)
578625.01 4141176.41 200.53607 (14112017) 578645.01
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578665.01 4141176.41 230.41959 (09012117) 578685.01
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4141176.41 246.50317 (09012117)
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4141176.41 251.18422 (14121217)
578785.01 4141176.41 254.36642 (11010818) 578805.01
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4141176.41 269.16016 (16120717)
578865.01 4141176.41 273.43347 (16120717) 578885.01
4141176.41 277.07432 (14122017)
578905.01 4141176.41 280.96993 (14122017) 578925.01
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578945.01 4141176.41 280.94756 (09011617) 578965.01
4141176.41 285.72813 (09011617)
578985.01 4141176.41 283.11604 (09012317) 579005.01
4141176.41 284.62335 (09012317)
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4141176.41 282.62593 (10121417)
579065.01 4141176.41 274.18436 (11112917) 579085.01
4141176.41 267.97352 (12111418)
579105.01 4141176.41 267.25699 (12111418) 579125.01
4141176.41 267.23124 (09011017)
579145.01 4141176.41 260.31912 (09011017) 579165.01
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579185.01 4141176.41 244.79868 (12111417) 579205.01
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579225.01 4141176.41 223.57470 (17121318) 578385.01
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578405.01 4141196.41 182.63398 (12010309) 578425.01
4141196.41 189.02951 (12010309)
578445.01 4141196.41 193.63861 (12010309) 578465.01
4141196.41 185.40163 (12010309)
578485.01 4141196.41 183.86745 (12010309) 578505.01
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578525.01 4141196.41 178.13110 (12010309) 578545.01
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        578685.01   4141196.41      250.34544  (09012117)                578705.01
4141196.41      258.87425  (09012117)
        578725.01   4141196.41      261.86215  (09012117)                578745.01
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        578805.01   4141196.41      277.06598  (14010318)                578825.01
4141196.41      283.45008  (14010318)
        578845.01   4141196.41      283.96101  (16120717)                578865.01
4141196.41      289.70329  (16120717)
        578885.01   4141196.41      293.53501  (09013118)                578905.01
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4141196.41      287.24465  (09011017)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 775
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP11  ***
                                   INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141196.41      252.02916  (12111417)
        579205.01   4141196.41      241.99172  (17121318)              579225.01
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        579245.01   4141196.41      227.63248  (13110618)              578385.01
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        578405.01   4141216.41      181.85545  (12010309)              578425.01
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        578485.01   4141216.41      197.98250  (12010309)              578505.01
4141216.41      196.87096  (12010309)
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        578985.01   4141216.41      324.45881  (09012317)              579005.01
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        578965.01   4141236.41      348.33903  (09011617)               578985.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 776
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP11  ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)   CONC   (YYMMDDHH)
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        579205.01   4141236.41   267.82627 (13110618)   579225.01
4141236.41   253.91964 (13110618)
        579245.01   4141236.41   238.69617 (15011018)   578385.01
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        578445.01   4141256.41   198.63119 (12010309)   578465.01
4141256.41   209.84156 (12010309)
        578485.01   4141256.41   218.45826 (12010309)   578505.01
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        578525.01   4141256.41   219.11297 (12010309)   578545.01
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4141256.41   223.21310 (12010309)
        578605.01   4141256.41   218.64332 (12010309)   578625.01
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        578645.01   4141256.41   230.94215 (14112017)   578665.01
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        578685.01   4141256.41   274.11231 (09012117)   578705.01
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4141256.41   315.08043 (09012117)
        578765.01   4141256.41   314.81523 (09012117)   578785.01
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        578805.01   4141256.41   325.00172 (11010818)   578965.01
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4141256.41   276.76790 (13110618)
        579225.01   4141256.41   259.15779 (15011018)   579245.01
4141256.41   238.92134 (15011018)
        579265.01   4141256.41   217.16042 (15011018)   578385.01
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4141276.41   282.92810 (15011018)
        579225.01   4141276.41   259.05367 (15011018)   579245.01
4141276.41   233.54022 (15011018)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11 ***
                                   INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578445.01	4141296.41	185.91948	(12010309)	578465.01	4141296.41	186.88325	(12010309)
578485.01	4141296.41	202.99612	(12010309)	578505.01	4141296.41	218.29754	(12010309)
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578565.01	4141296.41	254.58359	(12010309)	578585.01	4141296.41	261.30253	(12010309)
578605.01	4141296.41	264.52260	(12010309)	578625.01	4141296.41	263.91799	(12010309)
578645.01	4141296.41	259.27753	(12010309)	578665.01	4141296.41	259.81807	(14112017)
578685.01	4141296.41	285.97806	(14112017)	578705.01	4141296.41	314.90297	(09012117)
578725.01	4141296.41	339.25026	(09012117)	578745.01	4141296.41	354.88925	(09012117)
579005.01	4141296.41	446.44859	(10121417)	579025.01	4141296.41	432.81757	(12111418)
579045.01	4141296.41	434.96226	(09011017)	579065.01	4141296.41	428.28719	(09011017)
579085.01	4141296.41	413.87109	(12111417)	579105.01	4141296.41	391.09394	(12111417)
579125.01	4141296.41	370.83495	(17121318)	579145.01	4141296.41	357.21970	(13110618)
579165.01	4141296.41	335.58050	(15011018)	579185.01	4141296.41	310.82871	(15011018)
579205.01	4141296.41	282.36889	(15011018)	579225.01	4141296.41	252.31408	(15011018)
579245.01	4141296.41	222.41822	(15011018)	579265.01	4141296.41	205.46190	(14011818)
579285.01	4141296.41	197.88866	(14011818)	578385.01	4141316.41	171.39102	(09110418)
578405.01	4141316.41	175.96005	(09110418)	578425.01	4141316.41	172.70133	(09110418)
578445.01	4141316.41	176.86771	(09110418)	578465.01	4141316.41	180.28202	(09110418)
578485.01	4141316.41	196.23812	(12010309)	578505.01	4141316.41	214.81082	(12010309)
578525.01	4141316.41	232.70808	(12010309)	578545.01	4141316.41	249.43824	(12010309)

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        578565.01   4141316.41      264.16971  (12010309)                578585.01
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4141316.41      216.72221  (14011818)
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4141336.41      311.48902  (12010309)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP11  ***
                                   INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141336.41	317.01241	(12010309)	578665.01	4141336.41	317.58986	(12010309)
578685.01	4141336.41	312.79193	(12010309)	578705.01	4141336.41	331.28293	(14112017)
579025.01	4141336.41	535.62472	(09011017)	579045.01	4141336.41	524.55138	(09011017)
579065.01	4141336.41	505.27015	(12111417)	579085.01	4141336.41	475.82001	(17121318)
579105.01	4141336.41	452.15002	(13110618)	579125.01	4141336.41	421.45731	(15011018)
579145.01	4141336.41	384.41879	(15011018)	579165.01	4141336.41	342.15952	(15011018)
579185.01	4141336.41	298.79097	(15011018)	579205.01	4141336.41	263.87744	(14011818)
579225.01	4141336.41	251.58653	(14011818)	579245.01	4141336.41	238.01067	(14011818)
579265.01	4141336.41	223.88386	(14011818)	579285.01	4141336.41	212.17127	(17120218)
578385.01	4141356.41	160.96844	(09110418)	578405.01	4141356.41	170.74148	(09110418)
578425.01	4141356.41	180.56219	(09110418)	578445.01	4141356.41	190.08811	(09110418)
578465.01	4141356.41	199.30918	(09110418)	578485.01	4141356.41	208.50610	(09110418)
578505.01	4141356.41	216.12136	(09110418)	578525.01	4141356.41	222.20038	(09110418)
578545.01	4141356.41	241.86867	(12010309)	578565.01	4141356.41	266.69589	(12010309)
578585.01	4141356.41	290.35092	(12010309)	578605.01	4141356.41	311.89431	(12010309)
578625.01	4141356.41	329.76370	(12010309)	578645.01	4141356.41	342.72320	(12010309)
578665.01	4141356.41	349.98149	(12010309)	578685.01	4141356.41	351.01842	(12010309)
579025.01	4141356.41	601.33554	(09011017)	579045.01	4141356.41	581.73148	(12111417)
579065.01	4141356.41	549.13473	(17121318)	579085.01	4141356.41	518.02765	(13110618)
579105.01	4141356.41	480.84483	(15011018)	579125.01	4141356.41	434.07170	(15011018)
579145.01	4141356.41	381.32756	(15011018)	579165.01			

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        579185.01   4141356.41      297.37102  (14011818)                579205.01
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        579225.01   4141356.41      262.04984  (14011818)                579245.01
4141356.41      246.32720  (17120218)
        579265.01   4141356.41      232.49483  (17120218)                579285.01
4141356.41      218.70539  (17120218)
        579305.01   4141356.41      205.22093  (17120218)                578385.01
4141376.41      167.33887  (14120118)
        578405.01   4141376.41      171.75959  (16030918)                578425.01
4141376.41      178.77828  (16030918)
        578445.01   4141376.41      190.02683  (09110418)                578465.01
4141376.41      201.85669  (09110418)
        578485.01   4141376.41      213.40935  (09110418)                578505.01
4141376.41      224.98083  (09110418)
        578525.01   4141376.41      236.09092  (09110418)                578545.01
4141376.41      244.91181  (09110418)
        578565.01   4141376.41      257.60333  (12010309)                578585.01
4141376.41      287.03080  (12010309)
        578605.01   4141376.41      315.69641  (12010309)                578625.01
4141376.41      341.89931  (12010309)
        578645.01   4141376.41      363.93029  (12010309)                578665.01
4141376.41      380.09205  (12010309)
        578685.01   4141376.41      389.18862  (12010309)                579005.01
4141376.41      686.83035  (09011017)
        579025.01   4141376.41      674.67848  (12111417)                579045.01
4141376.41      643.54103  (17121318)
        579065.01   4141376.41      602.92635  (13110618)                579085.01
4141376.41      557.56371  (15011018)
        579105.01   4141376.41      496.75353  (15011018)                579125.01
4141376.41      429.18217  (15011018)
        579145.01   4141376.41      362.21278  (15011018)                579165.01
4141376.41      337.29753  (14011818)
        579185.01   4141376.41      313.32815  (14011818)                579205.01
4141376.41      291.55044  (17120218)
        579225.01   4141376.41      272.98837  (17120218)                579245.01
4141376.41      254.65165  (17120218)
        579265.01   4141376.41      237.38884  (17112018)                579285.01
4141376.41      224.76168  (17112018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***        15:03:32

                                     PAGE 779
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP11  ***
                                     INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579305.01	4141376.41	212.47845	(17112018)	578385.01	4141396.41	183.13051	(14120118)
578405.01	4141396.41	188.23199	(14120118)	578425.01	4141396.41	193.11559	(14120118)
578445.01	4141396.41	197.81189	(14120118)	578465.01	4141396.41	202.27925	(14120118)
578485.01	4141396.41	213.17291	(09110418)	578505.01	4141396.41	227.69729	(09110418)
578525.01	4141396.41	242.85935	(09110418)	578545.01	4141396.41	256.61289	(09110418)
578565.01	4141396.41	269.85319	(09110418)	578585.01	4141396.41	281.75559	(09110418)
578605.01	4141396.41	310.18605	(12010309)	578625.01	4141396.41	345.20359	(12010309)
578645.01	4141396.41	377.76207	(12010309)	578665.01	4141396.41	405.36758	(12010309)
579005.01	4141396.41	798.35025	(10120217)	579025.01	4141396.41	768.77100	(17121318)
579045.01	4141396.41	716.14435	(15011018)	579065.01	4141396.41	659.69707	(15011018)
579085.01	4141396.41	578.46936	(15011018)	579105.01	4141396.41	489.17819	(15011018)
579125.01	4141396.41	419.11525	(14011818)	579145.01	4141396.41	385.64320	(14011818)
579165.01	4141396.41	354.29118	(17120218)	579185.01	4141396.41	328.02491	(17120218)
579205.01	4141396.41	302.61504	(17120218)	579225.01	4141396.41	280.72227	(17112018)
579245.01	4141396.41	263.13818	(17112018)	579265.01	4141396.41	246.30204	(17112018)
579285.01	4141396.41	230.43928	(17112018)	579305.01	4141396.41	215.50193	(17112018)
578385.01	4141416.41	195.28414	(14120118)	578405.01	4141416.41	202.53967	(14120118)
578425.01	4141416.41	209.92145	(14120118)	578445.01	4141416.41	217.34765	(14120118)
578465.01	4141416.41	224.71258	(14120118)	578485.01	4141416.41	231.98230	(14120118)

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        578505.01   4141416.41      238.75728  (14120118)                578525.01
4141416.41      245.17865  (14120118)
        578545.01   4141416.41      260.26798  (09110418)                578565.01
4141416.41      278.64979  (09110418)
        578585.01   4141416.41      296.87575  (09110418)                578605.01
4141416.41      313.94715  (09110418)
        578625.01   4141416.41      337.00490  (12010309)                578645.01
4141416.41      380.34552  (12010309)
        578665.01   4141416.41      421.57093  (12010309)                579025.01
4141416.41      886.70027  (17121318)
        579045.01   4141416.41      803.73858  (15011018)                579065.01
4141416.41      689.25575  (15011018)
        579085.01   4141416.41      566.75615  (15011018)                579105.01
4141416.41      494.67390  (14011818)
        579125.01   4141416.41      446.52672  (17120218)                579145.01
4141416.41      406.92799  (17120218)
        579165.01   4141416.41      369.54932  (17120218)                579185.01
4141416.41      339.88562  (17112018)
        579205.01   4141416.41      314.24113  (17112018)                579225.01
4141416.41      290.39091  (17112018)
        579245.01   4141416.41      268.41469  (17112018)                579265.01
4141416.41      248.21322  (17112018)
        579285.01   4141416.41      229.72080  (17112018)                579305.01
4141416.41      212.86011  (17112018)
        578385.01   4141436.41      202.76152  (14120118)                578405.01
4141436.41      212.07461  (14120118)
        578425.01   4141436.41      221.77357  (14120118)                578445.01
4141436.41      231.92594  (14120118)
        578465.01   4141436.41      242.35849  (14120118)                578485.01
4141436.41      253.05918  (14120118)
        578505.01   4141436.41      263.71457  (14120118)                578525.01
4141436.41      274.69844  (14120118)
        578545.01   4141436.41      285.38837  (14120118)                578565.01
4141436.41      295.66225  (14120118)
        578585.01   4141436.41      305.60301  (14120118)                578605.01
4141436.41      326.23130  (09110418)
        578625.01   4141436.41      350.29190  (09110418)                578645.01
4141436.41      372.80649  (09110418)
        579025.01   4141436.41     1020.13482  (15011018)                579045.01
4141436.41      848.59274  (15011018)
        579065.01   4141436.41      677.15326  (14011818)                579085.01
4141436.41      595.22530  (17120218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                  PAGE 780
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579105.01	4141436.41	529.00263	(17120218)	579125.01	4141436.41	469.00987	(17112018)
579145.01	4141436.41	424.98042	(17112018)	579165.01	4141436.41	385.29176	(17112018)
579185.01	4141436.41	349.74816	(17112018)	579205.01	4141436.41	318.08986	(17112018)
579225.01	4141436.41	289.91071	(17112018)	579245.01	4141436.41	266.09207	(11121418)
579265.01	4141436.41	249.03829	(11121418)	579285.01	4141436.41	233.46294	(11121418)
579305.01	4141436.41	219.25252	(11121418)	579325.01	4141436.41	206.20162	(11121418)
578385.01	4141456.41	204.81003	(14120118)	578405.01	4141456.41	215.72208	(14120118)
578425.01	4141456.41	227.32057	(14120118)	578445.01	4141456.41	239.74220	(14120118)
578465.01	4141456.41	252.90751	(14120118)	578485.01	4141456.41	266.86676	(14120118)
578505.01	4141456.41	281.27804	(14120118)	578525.01	4141456.41	296.95702	(14120118)
578545.01	4141456.41	312.65727	(14120118)	578565.01	4141456.41	329.31202	(14120118)
578585.01	4141456.41	346.43487	(14120118)	578605.01	4141456.41	363.47699	(14120118)
578625.01	4141456.41	380.33007	(14120118)	578645.01	4141456.41	396.44961	(14120118)
579045.01	4141456.41	875.11628	(17120218)	579065.01	4141456.41	742.75888	(17120218)
579085.01	4141456.41	636.03311	(17112018)	579105.01	4141456.41	556.43545	(17112018)
579125.01	4141456.41	489.50562	(17112018)	579145.01	4141456.41	433.05094	(17112018)
579165.01	4141456.41	385.12118	(17112018)	579185.01	4141456.41	349.74571	(11121418)
579205.01	4141456.41	321.20812	(11121418)	579225.01			

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4141456.41      296.13719  (11121418)
        579245.01   4141456.41      273.88581  (11121418)                579265.01
4141456.41      254.05638  (11121418)
        578385.01   4141476.41      200.90573  (14120118)                578405.01
4141476.41      212.88220  (14120118)
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4141476.41      239.75017  (14120118)
        578465.01   4141476.41      254.93969  (14120118)                578485.01
4141476.41      271.51251  (14120118)
        578505.01   4141476.41      289.16601  (14120118)                578525.01
4141476.41      308.74807  (14120118)
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        578585.01   4141476.41      375.46219  (14120118)                578605.01
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        578625.01   4141476.41      428.78412  (14120118)                578645.01
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        579065.01   4141476.41      783.14249  (17112018)                579085.01
4141476.41      654.58980  (17112018)
        579105.01   4141476.41      560.68202  (10120118)                579125.01
4141476.41      493.50452  (10120118)
        579145.01   4141476.41      439.00491  (10120118)                579165.01
4141476.41      393.97307  (11121418)
        579185.01   4141476.41      356.89540  (10122318)                579205.01
4141476.41      326.76702  (10122318)
        579225.01   4141476.41      300.76896  (10122318)                578385.01
4141496.41      207.06146  (13012417)
        578405.01   4141496.41      216.67426  (13012417)                578425.01
4141496.41      227.01437  (13012417)
        578445.01   4141496.41      238.91342  (12010417)                578465.01
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        578485.01   4141496.41      266.28326  (12010417)                578505.01
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4141496.41      331.17948  (14120118)
        578565.01   4141496.41      357.72195  (14120118)                578585.01
4141496.41      387.39166  (14120118)
        578605.01   4141496.41      420.44935  (14120118)                578625.01
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4141496.41      665.53029  (10122318)
        579105.01   4141496.41      572.90644  (10122318)                579125.01
4141496.41      501.54853  (10122318)
        579145.01   4141496.41      444.92175  (10122318)                579165.01
4141496.41      398.81178  (10122318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141496.41	360.45087	(10122318)	579205.01	4141496.41	328.68778	(11112918)
578385.01	4141516.41	220.19397	(13012417)	578405.01	4141516.41	231.43529	(13012417)
578425.01	4141516.41	243.62753	(13012417)	578445.01	4141516.41	256.85294	(13012417)
578465.01	4141516.41	271.39045	(13012417)	578485.01	4141516.41	287.47693	(13012417)
578505.01	4141516.41	305.10735	(13012417)	578525.01	4141516.41	325.21073	(13012417)
578545.01	4141516.41	346.59910	(13012417)	578565.01	4141516.41	371.14964	(13012417)
578585.01	4141516.41	398.74742	(13012417)	578605.01	4141516.41	430.21431	(13012417)
578625.01	4141516.41	466.49404	(13012417)	578645.01	4141516.41	509.36523	(14120118)
579085.01	4141516.41	653.02931	(11112918)	579105.01	4141516.41	563.54575	(11112918)
579125.01	4141516.41	494.24744	(11112918)	579145.01	4141516.41	439.07669	(11112918)
579165.01	4141516.41	394.10199	(11112918)	578385.01	4141536.41	226.41742	(13012417)
578405.01	4141536.41	238.46171	(13012417)	578425.01	4141536.41	251.70457	(13012417)
578445.01	4141536.41	266.26646	(13012417)	578465.01	4141536.41	282.25315	(13012417)
578485.01	4141536.41	300.00793	(13012417)	578505.01	4141536.41	319.63728	(13012417)
578525.01	4141536.41	342.32066	(13012417)	578545.01	4141536.41	366.52397	(13012417)
578565.01	4141536.41	394.82858	(13012417)	578585.01	4141536.41	426.98940	(13012417)

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        578605.01   4141536.41      463.93826  (13012417)                578625.01
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        578645.01   4141536.41      558.63038  (13012417)                578665.01
4141536.41      620.62962  (13012417)
        579105.01   4141536.41      519.11610  (11112918)                579125.01
4141536.41      459.69414  (11112918)
        579185.01   4141536.41      336.91094  (11112918)                578385.01
4141556.41      224.96433  (13012417)
        578405.01   4141556.41      237.06813  (13012417)                578425.01
4141556.41      250.35870  (13012417)
        578445.01   4141556.41      265.02008  (13012417)                578465.01
4141556.41      281.24895  (13012417)
        578485.01   4141556.41      299.22821  (13012417)                578505.01
4141556.41      319.24556  (13012417)
        578525.01   4141556.41      342.18928  (13012417)                578545.01
4141556.41      366.96771  (13012417)
        578565.01   4141556.41      395.90620  (13012417)                578585.01
4141556.41      428.91038  (13012417)
        578605.01   4141556.41      467.17241  (13012417)                578625.01
4141556.41      511.64131  (13012417)
        578645.01   4141556.41      564.09994  (13012417)                578665.01
4141556.41      626.68857  (13012417)
        578685.01   4141556.41      702.90861  (13012417)                579165.01
4141556.41      355.21487  (16011318)
        579185.01   4141556.41      322.14208  (16011318)                579205.01
4141556.41      293.73172  (16011318)
        578385.01   4141576.41      215.90665  (13012417)                578405.01
4141576.41      227.22091  (13012417)
        578425.01   4141576.41      239.63135  (13012417)                578445.01
4141576.41      253.29801  (13012417)
        578465.01   4141576.41      268.33196  (13012417)                578485.01
4141576.41      285.02905  (13012417)
        578505.01   4141576.41      303.66494  (13012417)                578525.01
4141576.41      324.85527  (13012417)
        578545.01   4141576.41      347.90246  (13012417)                578565.01
4141576.41      374.33489  (13012417)
        578585.01   4141576.41      404.39961  (13012417)                578605.01
4141576.41      438.92377  (13012417)
        578625.01   4141576.41      478.90084  (13012417)                578645.01
4141576.41      526.18617  (17121418)
        578665.01   4141576.41      582.86383  (17121418)                578685.01
4141576.41      649.90584  (17121418)
        578705.01   4141576.41      729.52397  (17121418)                579145.01
4141576.41      382.83005  (16011318)
        579165.01   4141576.41      349.81871  (16011318)                579185.01
4141576.41      320.72354  (16011318)
        579205.01   4141576.41      295.01450  (16011318)                579225.01
4141576.41      272.28220  (16011318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579245.01	4141576.41	252.15735	(16011318)	579265.01	4141576.41	234.18371	(16011318)
578385.01	4141596.41	200.28728	(17121418)	578405.01	4141596.41	210.43814	(17121418)
578425.01	4141596.41	221.44255	(17121418)	578445.01	4141596.41	233.49517	(17121418)
578465.01	4141596.41	246.75333	(17121418)	578485.01	4141596.41	261.35040	(17121418)
578505.01	4141596.41	277.66539	(17121418)	578525.01	4141596.41	295.88685	(17121418)
578545.01	4141596.41	315.88615	(17121418)	578565.01	4141596.41	338.59136	(17121418)
578585.01	4141596.41	364.14514	(17121418)	578605.01	4141596.41	393.17023	(17121418)
578625.01	4141596.41	426.47617	(17121418)	578645.01	4141596.41	464.97864	(17121418)
578665.01	4141596.41	536.87575	(16120718)	578685.01	4141596.41	628.13782	(16120718)
578705.01	4141596.41	734.72808	(16120718)	578725.01	4141596.41	857.31387	(16120718)
578745.01	4141596.41	989.21461	(16120718)	579105.01	4141596.41	442.83971	(09012218)
579145.01	4141596.41	361.95944	(17010418)	579165.01	4141596.41	332.90063	(17010418)
579185.01	4141596.41	306.86979	(16011318)	579205.01	4141596.41	285.41239	(16011318)
579225.01	4141596.41	265.94313	(16011318)	579245.01	4141596.41	248.28568	(16011318)
579265.01	4141596.41	232.14124	(16011318)	579285.01			

4141596.41 217.65632 (16011318)
579305.01 4141596.41 204.39118 (16011318) 579325.01
4141596.41 192.27844 (16011318)
579345.01 4141596.41 181.08269 (16011318) 578385.01
4141616.41 188.88692 (10012218)
578405.01 4141616.41 198.13045 (10012218) 578425.01
4141616.41 208.07396 (10012218)
578445.01 4141616.41 218.74759 (10012218) 578465.01
4141616.41 230.29956 (10012218)
578485.01 4141616.41 242.81098 (10012218) 578505.01
4141616.41 256.59373 (10012218)
578525.01 4141616.41 271.88137 (10012218) 578545.01
4141616.41 287.64569 (10012218)
578565.01 4141616.41 308.80492 (16120718) 578585.01
4141616.41 349.05461 (16120718)
578605.01 4141616.41 395.55959 (16120718) 578625.01
4141616.41 449.29395 (16120718)
578645.01 4141616.41 510.99947 (16120718) 578665.01
4141616.41 581.84230 (16120718)
578685.01 4141616.41 662.66766 (16120718) 578705.01
4141616.41 753.23469 (16120718)
578725.01 4141616.41 853.60885 (16120718) 578745.01
4141616.41 970.96579 (16120718)
579065.01 4141616.41 487.44173 (17112518) 579085.01
4141616.41 449.11563 (09012218)
579105.01 4141616.41 417.52966 (09012218) 579125.01
4141616.41 385.32506 (09012218)
579165.01 4141616.41 324.45926 (09012218) 579185.01
4141616.41 296.64496 (09012218)
579205.01 4141616.41 275.17210 (17010418) 579225.01
4141616.41 257.01993 (17010418)
579245.01 4141616.41 240.09912 (17010418) 579265.01
4141616.41 224.40843 (17010418)
579285.01 4141616.41 211.27209 (16011318) 579305.01
4141616.41 199.70956 (16011318)
579325.01 4141616.41 189.00127 (16011318) 579345.01
4141616.41 178.89812 (16011318)
578385.01 4141636.41 177.78050 (10012218) 578405.01
4141636.41 185.33088 (10012218)
578425.01 4141636.41 193.36257 (10012218) 578445.01
4141636.41 201.85994 (10012218)
578465.01 4141636.41 210.88948 (10012218) 578485.01
4141636.41 225.13179 (16120718)
578505.01 4141636.41 249.62856 (16120718) 578525.01
4141636.41 277.26539 (16120718)
578545.01 4141636.41 308.19726 (16120718) 578565.01
4141636.41 343.12212 (16120718)
578585.01 4141636.41 382.37018 (16120718) 578605.01
4141636.41 426.04419 (16120718)
578625.01 4141636.41 474.29305 (16120718) 578645.01

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11 ***
                                    INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        578665.01   4141636.41   584.96790 (16120718)   578685.01
4141636.41   647.13355 (16120718)
        578705.01   4141636.41   713.12221 (16120718)   578725.01
4141636.41   827.49282 (09121117)
        579045.01   4141636.41   472.82532 (17112518)   579065.01
4141636.41   447.82231 (17112518)
        579085.01   4141636.41   418.35903 (17112518)   579105.01
4141636.41   385.71008 (17112518)
        579125.01   4141636.41   359.85417 (09012218)   579165.01
4141636.41   314.78346 (09012218)
        579185.01   4141636.41   293.05649 (09012218)   579205.01
4141636.41   271.91266 (09012218)
        579225.01   4141636.41   251.91180 (09012218)   579245.01
4141636.41   233.12452 (09012218)
        579265.01   4141636.41   219.49316 (17010418)   579285.01
4141636.41   207.15191 (17010418)
        579305.01   4141636.41   195.55825 (17010418)   579325.01
4141636.41   184.67366 (17010418)
        579345.01   4141636.41   174.48791 (17010418)   578385.01
4141656.41   164.50883 (15102718)
        578405.01   4141656.41   175.88031 (15102718)   578425.01
4141656.41   189.49760 (16120718)
        578445.01   4141656.41   207.51076 (16120718)   578465.01
4141656.41   227.50072 (16120718)
        578485.01   4141656.41   249.43989 (16120718)   578505.01
4141656.41   273.81448 (16120718)

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        578525.01   4141656.41      300.28802  (16120718)               578545.01
4141656.41      329.32059  (16120718)
        578565.01   4141656.41      360.92991  (16120718)               578585.01
4141656.41      395.05230  (16120718)
        578605.01   4141656.41      431.42800  (16120718)               578625.01
4141656.41      469.70760  (16120718)
        578645.01   4141656.41      508.70384  (16120718)               578665.01
4141656.41      547.61605  (16120718)
        578685.01   4141656.41      625.49006  (12111618)               578705.01
4141656.41      717.05931  (09121117)
        578725.01   4141656.41      835.57302  (12010318)               579005.01
4141656.41      446.14872  (13012318)
        579025.01   4141656.41      431.43804  (11121618)               579045.01
4141656.41      419.17850  (11121618)
        579065.01   4141656.41      403.61990  (17112518)               579085.01
4141656.41      385.87682  (17112518)
        579105.01   4141656.41      364.36083  (17112518)               579125.01
4141656.41      340.20254  (17112518)
        579145.01   4141656.41      314.78568  (17112518)               579185.01
4141656.41      280.97801  (09012218)
        579205.01   4141656.41      264.65267  (09012218)               579225.01
4141656.41      248.50862  (09012218)
        579245.01   4141656.41      232.71709  (09012218)               579265.01
4141656.41      217.84014  (09012218)
        579285.01   4141656.41      203.53102  (09012218)               579305.01
4141656.41      190.08154  (09012218)
        579325.01   4141656.41      180.58402  (17010418)               579345.01
4141656.41      171.84936  (17010418)
        578385.01   4141676.41      176.25267  (16120718)               578405.01
4141676.41      191.20152  (16120718)
        578425.01   4141676.41      207.42264  (16120718)               578445.01
4141676.41      225.10468  (16120718)
        578465.01   4141676.41      244.33288  (16120718)               578485.01
4141676.41      264.93133  (16120718)
        578505.01   4141676.41      287.17491  (16120718)               578525.01
4141676.41      310.57461  (16120718)
        578545.01   4141676.41      335.25631  (16120718)               578565.01
4141676.41      360.80595  (16120718)
        578585.01   4141676.41      386.89883  (16120718)               578605.01
4141676.41      412.74481  (16120718)
        578625.01   4141676.41      437.60248  (16120718)               578645.01
4141676.41      493.43243  (12111618)
        578665.01   4141676.41      554.83392  (12111618)               578685.01
4141676.41      624.30934  (09121117)
        578705.01   4141676.41      705.11547  (12010318)               578985.01
4141676.41      443.16143  (14121218)
        579005.01   4141676.41      403.12350  (13012318)               579025.01
4141676.41      384.85135  (13012318)
        579045.01   4141676.41      372.79434  (11121618)               579065.01
4141676.41      363.78311  (11121618)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579085.01	4141676.41	349.90583	(11121618)	579105.01	4141676.41	337.04296	(17112518)
579125.01	4141676.41	321.41986	(17112518)	579145.01	4141676.41	303.39217	(17112518)
579165.01	4141676.41	283.66208	(17112518)	579185.01	4141676.41	263.50764	(17112518)
579205.01	4141676.41	250.95976	(09012218)	579225.01	4141676.41	238.92807	(09012218)
579245.01	4141676.41	226.53980	(09012218)	579265.01	4141676.41	214.35751	(09012218)
579285.01	4141676.41	202.58204	(09012218)	579305.01	4141676.41	190.96721	(09012218)
579325.01	4141676.41	179.84549	(09012218)	579345.01	4141676.41	169.18563	(09012218)
578385.01	4141696.41	189.71272	(16120718)	578405.01	4141696.41	204.01645	(16120718)
578425.01	4141696.41	219.31654	(16120718)	578445.01	4141696.41	235.61246	(16120718)
578465.01	4141696.41	252.67464	(16120718)	578485.01	4141696.41	270.39384	(16120718)
578505.01	4141696.41	288.85326	(16120718)	578525.01	4141696.41	307.50451	(16120718)
578565.01	4141696.41	343.74244	(16120718)	578585.01	4141696.41	360.30335	(16120718)
578605.01	4141696.41	401.21552	(12111618)	578625.01	4141696.41	447.24724	(12111618)
578645.01	4141696.41	491.82343	(12111618)	578665.01			

4141696.41 547.54638 (09121117)
578685.01 4141696.41 604.19882 (12010318) 578945.01
4141696.41 469.50482 (14121218)
578965.01 4141696.41 442.29551 (14121218) 578985.01
4141696.41 408.13551 (14121218)
579005.01 4141696.41 365.95467 (13012318) 579025.01
4141696.41 354.15094 (13012318)
579045.01 4141696.41 336.22827 (13012318) 579065.01
4141696.41 326.27595 (11121618)
579085.01 4141696.41 319.65249 (11121618) 579105.01
4141696.41 309.21813 (11121618)
579125.01 4141696.41 297.60382 (17112518) 579145.01
4141696.41 285.99180 (17112518)
579165.01 4141696.41 272.29536 (17112518) 579185.01
4141696.41 256.92782 (17112518)
579205.01 4141696.41 241.32842 (17112518) 579225.01
4141696.41 225.17380 (17112518)
579245.01 4141696.41 215.83090 (09012218) 579265.01
4141696.41 206.49295 (09012218)
579285.01 4141696.41 197.09806 (09012218) 579305.01
4141696.41 187.78734 (09012218)
579325.01 4141696.41 178.42856 (09012218) 579345.01
4141696.41 169.22203 (09012218)
578385.01 4141716.41 198.03985 (16120718) 578405.01
4141716.41 210.94725 (16120718)
578425.01 4141716.41 224.38108 (16120718) 578445.01
4141716.41 238.13594 (16120718)
578465.01 4141716.41 251.93853 (16120718) 578485.01
4141716.41 265.71643 (16120718)
578505.01 4141716.41 279.36234 (16120718) 578525.01
4141716.41 292.22171 (16120718)
578605.01 4141716.41 405.18183 (12111618) 578625.01
4141716.41 438.97435 (09121117)
578645.01 4141716.41 483.70999 (09121117) 578665.01
4141716.41 524.63726 (12010318)
578685.01 4141716.41 557.18325 (12010318) 578905.01
4141716.41 489.97937 (14121218)
578925.01 4141716.41 462.24764 (14121218) 578945.01
4141716.41 436.83319 (14121218)
578965.01 4141716.41 410.74998 (14121218) 578985.01
4141716.41 380.26960 (14121218)
579005.01 4141716.41 344.15603 (14121218) 579025.01
4141716.41 325.56822 (13012318)
579045.01 4141716.41 313.71667 (13012318) 579065.01
4141716.41 297.11598 (13012318)
579085.01 4141716.41 288.47401 (11121618) 579105.01
4141716.41 283.52212 (11121618)
579125.01 4141716.41 275.80214 (11121618) 579145.01
4141716.41 265.27612 (11121618)
579165.01 4141716.41 256.11833 (17112518) 579185.01

4141716.41   245.58753 (17112518)
        579205.01   4141716.41   234.09263 (17112518)   579225.01
4141716.41   221.61525 (17112518)
        579245.01   4141716.41   208.71265 (17112518)   579265.01
4141716.41   195.47380 (17112518)
        579285.01   4141716.41   188.17657 (09012218)   579305.01
4141716.41   181.00918 (09012218)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141716.41	173.66262	(09012218)	579345.01	4141716.41	166.18547	(09012218)
578385.01	4141736.41	200.77111	(16120718)	578405.01	4141736.41	211.56500	(16120718)
578425.01	4141736.41	222.32649	(16120718)	578445.01	4141736.41	232.77242	(16120718)
578465.01	4141736.41	242.73412	(16120718)	578485.01	4141736.41	252.03910	(16120718)
578505.01	4141736.41	264.33803	(09122918)	578625.01	4141736.41	430.35499	(09121117)
578645.01	4141736.41	460.58072	(12010318)	578665.01	4141736.41	482.40267	(12010318)
578865.01	4141736.41	464.44382	(14103118)	578885.01	4141736.41	447.35790	(14121218)
578905.01	4141736.41	441.49517	(14121218)	578925.01	4141736.41	426.10500	(14121218)
578945.01	4141736.41	406.49740	(14121218)	578965.01	4141736.41	383.89972	(14121218)
578985.01	4141736.41	357.14728	(14121218)	579005.01	4141736.41	325.99411	(14121218)

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        579025.01   4141736.41      298.52887  (13012318)               579045.01
4141736.41      291.53506  (13012318)
        579065.01   4141736.41      280.10743  (13012318)               579085.01
4141736.41      264.79670  (13012318)
        579105.01   4141736.41      256.62166  (11121618)               579125.01
4141736.41      253.65604  (11121618)
        579145.01   4141736.41      247.81380  (11121618)               579165.01
4141736.41      239.48243  (11121618)
        579185.01   4141736.41      230.50458  (17112518)               579205.01
4141736.41      222.93451  (17112518)
        579225.01   4141736.41      213.99995  (17112518)               579245.01
4141736.41      204.12385  (17112518)
        579265.01   4141736.41      193.60732  (17112518)               579285.01
4141736.41      182.73396  (17112518)
        579305.01   4141736.41      171.69533  (17112518)               579325.01
4141736.41      165.94299  (09012218)
        579345.01   4141736.41      160.10687  (09012218)               578385.01
4141756.41      197.95138  (16120718)
        578405.01   4141756.41      206.09801  (16120718)               578425.01
4141756.41      213.73785  (16120718)
        578445.01   4141756.41      220.67070  (16120718)               578465.01
4141756.41      231.51741  (09122918)
        578485.01   4141756.41      244.74258  (12111618)               578845.01
4141756.41      430.22991  (14103118)
        578865.01   4141756.41      413.12609  (14103118)               578885.01
4141756.41      391.29354  (12121918)
        578905.01   4141756.41      395.08603  (14121218)               578925.01
4141756.41      389.76911  (14121218)
        578945.01   4141756.41      377.12313  (14121218)               578965.01
4141756.41      359.11061  (14121218)
        578985.01   4141756.41      336.69195  (14121218)               579005.01
4141756.41      309.92620  (14121218)
        579025.01   4141756.41      279.55976  (14121218)               579045.01
4141756.41      269.31749  (13012318)
        579065.01   4141756.41      262.24746  (13012318)               579085.01
4141756.41      251.60045  (13012318)
        579105.01   4141756.41      237.54647  (13012318)               579125.01
4141756.41      230.24153  (11121618)
        579145.01   4141756.41      228.33488  (11121618)               579165.01
4141756.41      223.91860  (11121618)
        579185.01   4141756.41      217.28558  (11121618)               579205.01
4141756.41      209.46284  (11121618)
        579225.01   4141756.41      203.10623  (17112518)               579245.01
4141756.41      196.07420  (17112518)
        579265.01   4141756.41      188.26786  (17112518)               579285.01
4141756.41      179.83433  (17112518)
        579305.01   4141756.41      170.89220  (17112518)               579325.01
4141756.41      161.55231  (17112518)
        579345.01   4141756.41      152.29618  (17112518)               578385.01
4141776.41      190.01255  (16120718)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578405.01	4141776.41	196.59148	(09122918)	578425.01	4141776.41	205.47545	(09122918)
578445.01	4141776.41	215.57328	(10122417)	578465.01	4141776.41	233.13156	(12111618)
578485.01	4141776.41	252.84180	(12111618)	578825.01	4141776.41	373.82515	(14103118)
578845.01	4141776.41	381.78908	(14103118)	578865.01	4141776.41	370.13376	(14103118)
578885.01	4141776.41	350.01989	(12121918)	578905.01	4141776.41	353.02898	(14121218)
578925.01	4141776.41	355.04189	(14121218)	578945.01	4141776.41	348.67407	(14121218)
578965.01	4141776.41	335.91241	(14121218)	578985.01	4141776.41	317.71653	(14121218)
579005.01	4141776.41	295.01256	(14121218)	579025.01	4141776.41	268.83608	(14121218)
579045.01	4141776.41	248.70166	(14020618)	579065.01	4141776.41	244.01284	(13012318)
579085.01	4141776.41	237.23500	(13012318)	579105.01	4141776.41	227.17584	(13012318)
579125.01	4141776.41	215.05838	(13012318)	579145.01	4141776.41	207.73175	(11121618)
579165.01	4141776.41	206.60402	(11121618)	579185.01	4141776.41	203.27402	(11121618)
579205.01	4141776.41	198.55171	(11121618)	579225.01	4141776.41	192.19586	(11121618)
579245.01	4141776.41	185.49257	(17112518)	579265.01			

4141776.41 180.22512 (17112518)
579285.01 4141776.41 174.03665 (17112518) 579305.01
4141776.41 167.32900 (17112518)
579325.01 4141776.41 159.70749 (17112518) 579345.01
4141776.41 152.04251 (17112518)
578405.01 4141796.41 192.42721 (10122417) 578425.01
4141796.41 204.93929 (12111618)
578445.01 4141796.41 221.47772 (12111618) 578465.01
4141796.41 237.56043 (12111618)
578805.01 4141796.41 367.48825 (09112618) 578825.01
4141796.41 335.53012 (14103118)
578845.01 4141796.41 342.80184 (14103118) 578865.01
4141796.41 335.08049 (14103118)
578885.01 4141796.41 315.60477 (14103118) 578905.01
4141796.41 317.79421 (12121918)
578925.01 4141796.41 322.92677 (14121218) 578945.01
4141796.41 321.65375 (14121218)
578965.01 4141796.41 313.42828 (14121218) 578985.01
4141796.41 299.39567 (14121218)
579005.01 4141796.41 280.69025 (14121218) 579025.01
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579045.01 4141796.41 236.56333 (14020618) 579065.01
4141796.41 225.64331 (13012318)
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4141796.41 215.61078 (13012318)
579125.01 4141796.41 206.78878 (13012318) 579145.01
4141796.41 195.68851 (13012318)
579165.01 4141796.41 188.25038 (11121618) 579185.01
4141796.41 187.77778 (11121618)
579205.01 4141796.41 185.75815 (11121618) 579225.01
4141796.41 182.05453 (11121618)
579245.01 4141796.41 177.16266 (11121618) 579265.01
4141796.41 170.77462 (11121618)
579285.01 4141796.41 166.27416 (17112518) 579305.01
4141796.41 161.39332 (17112518)
579325.01 4141796.41 155.87646 (17112518) 579345.01
4141796.41 149.85387 (17112518)
578445.01 4141816.41 222.96869 (12111618) 578585.01
4141816.41 311.48553 (11112818)
578605.01 4141816.41 333.47541 (09010809) 578665.01
4141816.41 380.30054 (09010809)
578685.01 4141816.41 368.81190 (09010809) 578785.01
4141816.41 366.66988 (09112618)
578805.01 4141816.41 318.68070 (09112618) 578825.01
4141816.41 304.26735 (14103118)
578845.01 4141816.41 310.82910 (14103118) 578865.01
4141816.41 305.39420 (14103118)
578885.01 4141816.41 289.58112 (14103118) 578905.01
4141816.41 290.68153 (12121918)
578925.01 4141816.41 293.70839 (14121218) 578945.01

4141816.41   296.27963 (14121218)
        578965.01   4141816.41   291.95916 (14121218)   578985.01
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        579005.01   4141816.41   266.87598 (14121218)   579025.01
4141816.41   248.03749 (14121218)
        579045.01   4141816.41   226.38994 (14121218)   579065.01
4141816.41   212.88277 (14020618)
        579085.01   4141816.41   206.58640 (13012318)   579105.01
4141816.41   203.18596 (13012318)
        579125.01   4141816.41   197.28386 (13012318)   579145.01
4141816.41   189.02123 (13012318)
        579165.01   4141816.41   178.96331 (13012318)   579185.01
4141816.41   171.41473 (11121618)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11 ***
                                    INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579205.01   4141816.41   171.69465 (11121618)   579225.01
4141816.41   170.28142 (11121618)
        579245.01   4141816.41   167.73235 (11121618)   579265.01
4141816.41   163.80231 (11121618)
        579285.01   4141816.41   158.85064 (11121618)   579305.01
4141816.41   153.54553 (17112518)
        579325.01   4141816.41   149.80473 (17112518)   579345.01
4141816.41   145.39017 (17112518)
        578565.01   4141836.41   285.11821 (11112818)   578585.01
4141836.41   303.39907 (09010809)
        578605.01   4141836.41   326.78660 (09010809)   578625.01
4141836.41   342.09653 (09010809)
        578645.01   4141836.41   346.84640 (09010809)   578665.01
4141836.41   339.29601 (09010809)

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        578685.01   4141836.41      351.37064  (12112718)              578705.01
4141836.41      367.31798  (12112718)
        578725.01   4141836.41      374.01782  (09112618)              578765.01
4141836.41      356.64793  (09112618)
        578785.01   4141836.41      322.30441  (09112618)              578805.01
4141836.41      278.58515  (14120418)
        578825.01   4141836.41      278.16653  (14103118)              578845.01
4141836.41      283.98485  (14103118)
        578865.01   4141836.41      279.52962  (14103118)              578885.01
4141836.41      266.96516  (14103118)
        578905.01   4141836.41      266.50769  (12121918)              578925.01
4141836.41      267.41436  (14121218)
        578945.01   4141836.41      272.68635  (14121218)              578965.01
4141836.41      271.55443  (14121218)
        578985.01   4141836.41      264.78827  (14121218)              579005.01
4141836.41      253.29317  (14121218)
        579025.01   4141836.41      237.77159  (14121218)              579045.01
4141836.41      219.24850  (14121218)
        579065.01   4141836.41      203.44311  (14020618)              579085.01
4141836.41      192.39948  (14020618)
        579105.01   4141836.41      190.19527  (13012318)              579125.01
4141836.41      186.84180  (13012318)
        579145.01   4141836.41      181.13520  (13012318)              579165.01
4141836.41      173.53663  (13012318)
        579185.01   4141836.41      164.50506  (13012318)              579205.01
4141836.41      156.94639  (11121618)
        579225.01   4141836.41      157.50078  (11121618)              579245.01
4141836.41      156.84063  (11121618)
        579265.01   4141836.41      154.91719  (11121618)              579285.01
4141836.41      151.82816  (11121618)
        579305.01   4141836.41      147.81341  (11121618)              579325.01
4141836.41      143.09881  (11121618)
        579345.01   4141836.41      139.10215  (17112518)              578565.01
4141856.41      277.88469  (09010809)
        578585.01   4141856.41      298.50879  (09010809)              578605.01
4141856.41      312.58180  (09010809)
        578625.01   4141856.41      318.00091  (09010809)              578645.01
4141856.41      313.23716  (09010809)
        578665.01   4141856.41      314.34848  (12112718)              578685.01
4141856.41      333.09797  (12112718)
        578705.01   4141856.41      339.44613  (12112718)              578725.01
4141856.41      346.81235  (09112618)
        578745.01   4141856.41      340.20892  (09112618)              578765.01
4141856.41      318.25346  (09112618)
        578785.01   4141856.41      284.22641  (16120918)              578805.01
4141856.41      253.41248  (11112817)
        578825.01   4141856.41      255.97799  (14103118)              578845.01
4141856.41      261.02030  (14103118)
        578865.01   4141856.41      257.54925  (14103118)              578885.01
4141856.41      246.98833  (14103118)
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        578905.01   4141856.41      244.99269  (12121918)                578925.01
4141856.41      247.53190  (12121918)
        578945.01   4141856.41      251.16159  (14121218)                578965.01
4141856.41      252.45820  (14121218)
        578985.01   4141856.41      248.56250  (14121218)                579005.01
4141856.41      240.00718  (14121218)
        579025.01   4141856.41      227.41030  (14121218)                579045.01
4141856.41      211.79951  (14121218)
        579065.01   4141856.41      193.98826  (14121218)                579085.01
4141856.41      184.96983  (14020618)
        579105.01   4141856.41      176.89114  (13012318)                579125.01
4141856.41      175.70082  (13012318)
        579145.01   4141856.41      172.24897  (13012318)                579165.01
4141856.41      166.91265  (13012318)
        579185.01   4141856.41      160.08640  (13012318)                579205.01
4141856.41      152.03065  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP11  ***
                                   INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579225.01   4141856.41      144.13069  (11121618)                579245.01
4141856.41      145.14106  (11121618)
        579265.01   4141856.41      144.93308  (11121618)                579285.01
4141856.41      143.27627  (11121618)
        579305.01   4141856.41      140.87551  (11121618)                579325.01
4141856.41      137.92099  (11121618)
        579345.01   4141856.41      133.97651  (11121618)                578545.01
4141876.41      255.72535  (09010809)
        578565.01   4141876.41      274.18945  (09010809)                578585.01
4141876.41      287.12457  (09010809)
        578605.01   4141876.41      292.90647  (09010809)                578625.01
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4141876.41 290.15635 (09010809)
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578685.01 4141876.41 312.53979 (12112718) 578705.01
4141876.41 318.12041 (09112618)
578725.01 4141876.41 320.01931 (09112618) 578745.01
4141876.41 308.25313 (09112618)
578765.01 4141876.41 284.11426 (09112618) 578785.01
4141876.41 253.85876 (14120418)
578805.01 4141876.41 231.58775 (11112817) 578825.01
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578845.01 4141876.41 241.23947 (14103118) 578865.01
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578885.01 4141876.41 229.32687 (14103118) 578905.01
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4141876.41 233.17619 (14121218)
579005.01 4141876.41 227.08099 (14121218) 579025.01
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579165.01 4141876.41 159.42234 (13012318) 579185.01
4141876.41 154.57583 (13012318)
579205.01 4141876.41 148.29443 (13012318) 579225.01
4141876.41 140.87923 (13012318)
579245.01 4141876.41 132.99296 (11121618) 579265.01
4141876.41 134.20824 (11121618)
579285.01 4141876.41 134.07339 (11121618) 579305.01
4141876.41 133.15448 (11121618)
579325.01 4141876.41 131.53974 (11121618) 579345.01
4141876.41 128.89227 (11121618)
578545.01 4141896.41 253.02118 (09010809) 578565.01
4141896.41 264.95637 (09010809)
578585.01 4141896.41 270.90142 (09010809) 578605.01
4141896.41 269.65461 (09010809)
578625.01 4141896.41 263.81899 (16121017) 578645.01
4141896.41 274.17810 (12112718)
578665.01 4141896.41 287.14555 (12112718) 578685.01
4141896.41 290.75696 (12112718)
578705.01 4141896.41 297.94366 (09112618) 578725.01
4141896.41 294.17749 (09112618)
578745.01 4141896.41 278.88984 (09112618) 578765.01
4141896.41 255.34291 (16120918)
578785.01 4141896.41 227.87679 (14120418) 578805.01

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4141896.41      212.46060  (11112817)
        578825.01   4141896.41      220.18738  (14103118)                578845.01
4141896.41      223.96617  (14103118)
        578865.01   4141896.41      221.62287  (14103118)                578885.01
4141896.41      213.62683  (14103118)
        578905.01   4141896.41      209.04119  (12121918)                578925.01
4141896.41      214.15140  (12121918)
        578945.01   4141896.41      213.98068  (12121918)                578965.01
4141896.41      218.65517  (14121218)
        578985.01   4141896.41      218.86465  (14121218)                579005.01
4141896.41      214.86749  (14121218)
        579025.01   4141896.41      207.20008  (14121218)                579045.01
4141896.41      196.44012  (14121218)
        579065.01   4141896.41      183.30085  (14121218)                579085.01
4141896.41      169.11937  (14020618)
        579105.01   4141896.41      162.66308  (14020618)                579125.01
4141896.41      154.44688  (14020618)
        579145.01   4141896.41      153.00932  (13012318)                579165.01
4141896.41      151.35308  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP11  ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579185.01   4141896.41      148.26740  (13012318)                579205.01
4141896.41      143.67376  (13012318)
        579225.01   4141896.41      137.85609  (13012318)                579245.01
4141896.41      131.12114  (13012318)
        579265.01   4141896.41      123.82004  (13012318)                579285.01
4141896.41      124.23138  (11121618)
        579305.01   4141896.41      124.65839  (11121618)                579325.01
4141896.41      124.11395  (11121618)
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        579345.01   4141896.41      122.74392  (11121618)              578565.01
4141916.41      251.52236  (09010809)
        578585.01   4141916.41      251.30709  (09010809)              578605.01
4141916.41      245.04811  (16121017)
        578625.01   4141916.41      249.20007  (12112718)              578645.01
4141916.41      263.61571  (12112718)
        578665.01   4141916.41      270.53211  (12112718)              578685.01
4141916.41      275.47869  (09112618)
        578705.01   4141916.41      277.68114  (09112618)              578725.01
4141916.41      269.66557  (09112618)
        578745.01   4141916.41      252.14326  (16120918)              578765.01
4141916.41      230.59275  (14120418)
        578785.01   4141916.41      204.78522  (14120418)              578805.01
4141916.41      197.00820  (14103118)
        578825.01   4141916.41      205.49437  (14103118)              578845.01
4141916.41      208.75700  (14103118)
        578865.01   4141916.41      206.68102  (14103118)              578885.01
4141916.41      199.66447  (14103118)
        578905.01   4141916.41      193.87532  (12121918)              578925.01
4141916.41      199.66731  (12121918)
        578945.01   4141916.41      200.77623  (12121918)              578965.01
4141916.41      203.60313  (14121218)
        578985.01   4141916.41      205.36511  (14121218)              579005.01
4141916.41      203.12115  (14121218)
        579025.01   4141916.41      197.51319  (14121218)              579045.01
4141916.41      188.76646  (14121218)
        579065.01   4141916.41      177.59636  (14121218)              579085.01
4141916.41      164.66573  (14121218)
        579105.01   4141916.41      156.19409  (14020618)              579125.01
4141916.41      149.61141  (14020618)
        579145.01   4141916.41      143.01415  (13012318)              579165.01
4141916.41      142.84422  (13012318)
        579185.01   4141916.41      141.26076  (13012318)              578386.27
4141125.26      161.05951  (12010309)
        578406.27   4141125.26      159.79491  (12010309)              578426.27
4141125.26      158.16714  (11122717)
        578446.27   4141125.26      156.66453  (11122717)              578466.27
4141125.26      152.67103  (11122717)
        578486.27   4141125.26      143.47994  (16020318)              578506.27
4141125.26      137.49102  (16020318)
        578526.27   4141125.26      142.19845  (16020318)              578546.27
4141125.26      163.41100  (14112017)
        578566.27   4141125.26      176.99906  (14112017)              578586.27
4141125.26      187.28955  (14112017)
        578606.27   4141125.26      180.73432  (09012117)              578626.27
4141125.26      193.93045  (09012117)
        578646.27   4141125.26      204.35071  (09012117)              578666.27
4141125.26      211.45292  (09012117)
        578686.27   4141125.26      214.47164  (09012117)              578706.27
4141125.26      213.24554  (09012117)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578726.27	4141125.26	216.03553	(14121217)	578746.27	4141125.26	219.04168	(14121217)
578766.27	4141125.26	218.78462	(11010818)	578786.27	4141125.26	226.10487	(14010318)
578806.27	4141125.26	232.13148	(14010318)	578826.27	4141125.26	232.47960	(14010318)
578846.27	4141125.26	236.11029	(16120717)	578866.27	4141125.26	237.51917	(16120717)
578886.27	4141125.26	241.57803	(14122017)	578906.27	4141125.26	244.14018	(14122017)
578926.27	4141125.26	243.54446	(10120918)	578946.27	4141125.26	240.33583	(16110418)
578966.27	4141125.26	244.92301	(09011617)	578986.27	4141125.26	243.93733	(09011617)
579006.27	4141125.26	245.38913	(09012317)	579026.27	4141125.26	243.33818	(09012317)
579046.27	4141125.26	243.93962	(10121417)	579066.27	4141125.26	240.63265	(10121417)
579086.27	4141125.26	233.96755	(11112917)	579106.27	4141125.26	227.68331	(13113018)
579126.27	4141125.26	227.75908	(12111418)	579146.27	4141125.26	227.01329	(09011017)
579166.27	4141125.26	224.50053	(09011017)	579186.27	4141125.26	216.73339	(09011017)
579206.27	4141125.26	212.80551	(12111417)	578386.27	4141145.26	168.49136	(12010309)
578406.27	4141145.26	169.63059	(12010309)	578426.27			

4141145.26 168.69545 (12010309)
578446.27 4141145.26 166.71454 (12010309) 578466.27
4141145.26 165.30133 (11122717)
578486.27 4141145.26 148.87234 (11122717) 578506.27
4141145.26 146.95658 (11122717)
578526.27 4141145.26 146.28485 (16020318) 578546.27
4141145.26 151.15471 (16020318)
578566.27 4141145.26 159.79290 (14112017) 578586.27
4141145.26 172.70889 (14112017)
578606.27 4141145.26 183.75712 (14112017) 578626.27
4141145.26 197.11809 (09012117)
578646.27 4141145.26 210.12529 (09012117) 578666.27
4141145.26 219.57896 (09012117)
578686.27 4141145.26 225.06644 (09012117) 578706.27
4141145.26 226.09583 (09012117)
578726.27 4141145.26 225.29695 (14121217) 578746.27
4141145.26 230.29055 (14121217)
578766.27 4141145.26 230.00051 (14121217) 578786.27
4141145.26 236.74834 (11010818)
578806.27 4141145.26 243.94819 (14010318) 578826.27
4141145.26 245.65706 (14010318)
578846.27 4141145.26 248.37506 (16120717) 578866.27
4141145.26 250.71277 (16120717)
578886.27 4141145.26 254.67880 (14122017) 578906.27
4141145.26 257.50611 (14122017)
578926.27 4141145.26 257.16041 (10120918) 578946.27
4141145.26 254.54428 (16110418)
578966.27 4141145.26 259.76958 (09011617) 578986.27
4141145.26 257.52531 (09011617)
579006.27 4141145.26 260.02514 (09012317) 579026.27
4141145.26 256.83386 (10121417)
579046.27 4141145.26 258.36954 (10121417) 579066.27
4141145.26 252.18721 (10121417)
579086.27 4141145.26 245.52546 (11112917) 579106.27
4141145.26 242.47860 (12111418)
579126.27 4141145.26 240.94258 (09011017) 579146.27
4141145.26 240.73592 (09011017)
579166.27 4141145.26 234.21172 (09011017) 579186.27
4141145.26 227.92897 (12111417)
579206.27 4141145.26 221.42256 (12111417) 578723.62
4141929.59 255.33496 (09112618)
578743.62 4141929.59 238.59106 (16120918) 578763.62
4141929.59 217.85481 (14120418)
578783.62 4141929.59 193.91934 (11112817) 578803.62
4141929.59 188.37072 (14103118)
578823.62 4141929.59 196.37400 (14103118) 578843.62
4141929.59 199.64247 (14103118)
578863.62 4141929.59 198.03008 (14103118) 578883.62
4141929.59 191.80933 (14103118)
578903.62 4141929.59 184.14981 (12121918) 578923.62

4141929.59   190.56484 (12121918)
        578943.62   4141929.59   192.61182 (12121918)   578963.62
4141929.59   193.96384 (14121218)
        578983.62   4141929.59   196.82321 (14121218)   579003.62
4141929.59   195.93018 (14121218)
        579023.62   4141929.59   191.59103 (14121218)   579043.62
4141929.59   184.36978 (14121218)
        579063.62   4141929.59   174.56340 (14121218)   579083.62
4141929.59   162.84022 (14121218)
        579103.62   4141929.59   151.99326 (14020618)   579123.62
4141929.59   146.64001 (14020618)
        579143.62   4141929.59   139.74241 (14020618)   579163.62
4141929.59   137.14232 (13012318)
        579183.62   4141929.59   136.55206 (13012318)   578725.67
4141942.60   239.40936 (09112618)
        578745.67   4141942.60   222.82878 (16120918)   578765.67
4141942.60   202.26051 (14120418)
        578785.67   4141942.60   184.20075 (11112817)   578805.67
4141942.60   182.06229 (14103118)
        578825.67   4141942.60   188.94101 (14103118)   578845.67
4141942.60   191.35620 (14103118)
        578865.67   4141942.60   189.36810 (14103118)   578885.67
4141942.60   183.14711 (14103118)
        578905.67   4141942.60   176.59547 (12121918)   578925.67
4141942.60   182.83016 (12121918)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP11 ***
                                  INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        578945.67   4141942.60   184.97086 (12121918)   578965.67
4141942.60   185.69366 (14121218)

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        578985.67   4141942.60      188.89719  (14121218)               579005.67
4141942.60      188.54541  (14121218)
        579025.67   4141942.60      184.98052  (14121218)               579045.67
4141942.60      178.50291  (14121218)
        579065.67   4141942.60      169.68789  (14121218)               579085.67
4141942.60      158.87269  (14121218)
        579105.67   4141942.60      147.19381  (14020618)               579125.67
4141942.60      142.47860  (14020618)
        579145.67   4141942.60      136.31943  (14020618)               579165.67
4141942.60      131.48420  (13012318)
        579185.67   4141942.60      131.52405  (13012318)               578745.52
4141955.60      210.02269  (16120918)
        578765.52   4141955.60      190.02097  (14120418)               578785.52
4141955.60      175.74121  (11112817)
        578805.52   4141955.60      175.15358  (14103118)               578825.52
4141955.60      181.46377  (14103118)
        578845.52   4141955.60      183.64913  (14103118)               578865.52
4141955.60      181.70292  (14103118)
        578885.52   4141955.60      176.00289  (14103118)               578905.52
4141955.60      168.70200  (12121918)
        578925.52   4141955.60      175.12363  (12121918)               578945.52
4141955.60      177.78885  (12121918)
        578965.52   4141955.60      177.42527  (14121218)               578985.52
4141955.60      181.17411  (14121218)
        579005.52   4141955.60      181.68177  (14121218)               579025.52
4141955.60      179.07500  (14121218)
        579045.52   4141955.60      173.74142  (14121218)               579065.52
4141955.60      165.89274  (14121218)
        579085.52   4141955.60      156.19743  (14121218)               579105.52
4141955.60      145.04688  (14121218)
        579125.52   4141955.60      139.01133  (14020618)               579145.52
4141955.60      133.72554  (14020618)
        579165.52   4141955.60      127.29576  (14020618)               579185.52
4141955.60      126.59886  (13012318)
        578785.22   4141971.34      166.25603  (11112817)               578805.22
4141971.34      167.31446  (14103118)
        578825.22   4141971.34      173.01645  (14103118)               578845.22
4141971.34      174.99975  (14103118)
        578865.22   4141971.34      173.14000  (14103118)               578885.22
4141971.34      168.05211  (14103118)
        578905.22   4141971.34      159.81458  (12121918)               578925.22
4141971.34      166.37888  (12121918)
        578945.22   4141971.34      169.60507  (12121918)               578965.22
4141971.34      169.35046  (12121918)
        578985.22   4141971.34      172.34248  (14121218)               579005.22
4141971.34      173.67408  (14121218)
        579025.22   4141971.34      172.11778  (14121218)               579045.22
4141971.34      167.92105  (14121218)
        579065.22   4141971.34      161.36228  (14121218)               579085.22
4141971.34      152.88118  (14121218)
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        579105.22   4141971.34      142.78380  (14121218)               579125.22
4141971.34      134.71665  (14020618)
        579145.22   4141971.34      130.39986  (14020618)               579165.22
4141971.34      124.90080  (14020618)
        579185.22   4141971.34      120.52420  (13012318)               578790.01
4141986.40      156.14914  (11112817)
        578810.01   4141986.40      162.01524  (14103118)               578830.01
4141986.40      166.34790  (14103118)
        578850.01   4141986.40      167.19632  (14103118)               578870.01
4141986.40      164.74872  (14103118)
        578890.01   4141986.40      159.28766  (14103118)               578910.01
4141986.40      153.91906  (12121918)
        578930.01   4141986.40      159.79003  (12121918)               578950.01
4141986.40      162.64021  (12121918)
        578970.01   4141986.40      162.28100  (12121918)               578990.01
4141986.40      165.14237  (14121218)
        579010.01   4141986.40      166.44731  (14121218)               579030.01
4141986.40      165.05811  (14121218)
        579050.01   4141986.40      161.23604  (14121218)               579070.01
4141986.40      155.19812  (14121218)
        579090.01   4141986.40      147.41145  (14121218)               579110.01
4141986.40      138.03208  (14121218)
        579130.01   4141986.40      129.67347  (14020618)               579150.01
4141986.40      125.96790  (14020618)
        579170.01   4141986.40      121.07748  (14020618)               579190.01
4141986.40      115.09182  (14020618)
        578810.54   4142001.46      155.63293  (14103118)               578830.54
4142001.46      159.46779  (14103118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

                                    PAGE 792
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP11  ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
        578850.54   4142001.46   160.04175 (14103118)   578870.54
4142001.46   157.69176 (14103118)
        578890.54   4142001.46   152.50448 (14103118)   578910.54
4142001.46   146.87822 (12121918)
        578930.54   4142001.46   152.81007 (12121918)   578950.54
4142001.46   155.82513 (12121918)
        578970.54   4142001.46   155.96057 (12121918)   578990.54
4142001.46   157.83570 (14121218)
        579010.54   4142001.46   159.73114 (14121218)   579030.54
4142001.46   158.94068 (14121218)
        579050.54   4142001.46   155.92925 (14121218)   579070.54
4142001.46   150.77784 (14121218)
        579090.54   4142001.46   143.84432 (14121218)   579110.54
4142001.46   135.45017 (14121218)
        579130.54   4142001.46   125.91965 (14121218)   579150.54
4142001.46   122.57014 (14020618)
        579170.54   4142001.46   118.40264 (14020618)   579190.54
4142001.46   113.17577 (14020618)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14 ***
                                   INCLUDING SOURCE(S):   DEMO1_1D   , DEMO1_2D
,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        578385.01   4141176.41   228.35723 (12010309)   578405.01
4141176.41   232.47369 (12010309)
        578425.01   4141176.41   232.54292 (12010309)   578445.01
4141176.41   229.53583 (12010309)
        578465.01   4141176.41   225.77254 (11122717)   578485.01
4141176.41   221.79339 (11122717)
        578505.01   4141176.41   216.92041 (11122717)   578525.01
4141176.41   209.87646 (16020318)

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        578545.01   4141176.41      218.07327  (16020318)              578565.01
4141176.41      220.36821  (16020318)
        578585.01   4141176.41      236.39565  (14112017)              578605.01
4141176.41      259.74254  (14112017)
        578625.01   4141176.41      272.06247  (09012117)              578645.01
4141176.41      293.01959  (09012117)
        578665.01   4141176.41      297.73216  (09012117)              578685.01
4141176.41      291.82230  (09012117)
        578705.01   4141176.41      300.57680  (14121217)              578725.01
4141176.41      296.41252  (14121217)
        578745.01   4141176.41      308.68265  (11010818)              578765.01
4141176.41      320.54008  (14010318)
        578785.01   4141176.41      320.74473  (14010318)              578805.01
4141176.41      326.58585  (16120717)
        578825.01   4141176.41      327.46653  (15010818)              578845.01
4141176.41      335.52799  (09013118)
        578865.01   4141176.41      341.49866  (09013118)              578885.01
4141176.41      339.94424  (13121418)
        578905.01   4141176.41      338.51697  (16110418)              578925.01
4141176.41      357.54293  (09011617)
        578945.01   4141176.41      366.84300  (09011617)              578965.01
4141176.41      370.97148  (09011617)
        578985.01   4141176.41      371.84133  (16010818)              579005.01
4141176.41      383.86340  (16010818)
        579025.01   4141176.41      393.09091  (10121417)              579045.01
4141176.41      397.40228  (10121417)
        579065.01   4141176.41      393.25826  (11112917)              579085.01
4141176.41      398.92721  (11010718)
        579105.01   4141176.41      407.45216  (12111418)              579125.01
4141176.41      411.42181  (09011017)
        579145.01   4141176.41      408.96716  (10120217)              579165.01
4141176.41      407.87531  (12111417)
        579185.01   4141176.41      399.31968  (12111417)              579205.01
4141176.41      392.29312  (17121318)
        579225.01   4141176.41      383.18899  (17121318)              578385.01
4141196.41      227.65197  (12010309)
        578405.01   4141196.41      237.59056  (12010309)              578425.01
4141196.41      242.61682  (12010309)
        578445.01   4141196.41      243.72168  (12010309)              578465.01
4141196.41      241.39871  (12010309)
        578485.01   4141196.41      236.97533  (11122717)              578505.01
4141196.41      233.64383  (11122717)
        578525.01   4141196.41      228.40852  (11122717)              578545.01
4141196.41      222.39703  (16020318)
        578565.01   4141196.41      229.28977  (16020318)              578585.01
4141196.41      230.20179  (16020318)
        578605.01   4141196.41      259.96829  (14112017)              578625.01
4141196.41      279.13672  (14112017)
        578645.01   4141196.41      299.76278  (09012117)              578665.01
4141196.41      312.14345  (09012117)
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        578685.01   4141196.41      308.21551  (09012117)               578705.01
4141196.41      313.46936  (14121217)
        578725.01   4141196.41      313.20978  (14121217)               578745.01
4141196.41      320.51074  (11010818)
        578765.01   4141196.41      335.30448  (14010318)               578785.01
4141196.41      336.98109  (14010318)
        578805.01   4141196.41      343.18057  (16120717)               578825.01
4141196.41      343.41267  (15010818)
        578845.01   4141196.41      353.65030  (09013118)               578865.01
4141196.41      358.00380  (10120918)
        578885.01   4141196.41      354.54542  (13121418)               578905.01
4141196.41      358.06635  (09011617)
        578925.01   4141196.41      377.11361  (09011617)               578945.01
4141196.41      382.98680  (09011617)
        578965.01   4141196.41      387.03179  (09011617)               578985.01
4141196.41      393.47544  (16010818)
        579005.01   4141196.41      403.46475  (16010818)               579025.01
4141196.41      414.94270  (10121417)
        579045.01   4141196.41      415.10951  (10121417)               579065.01
4141196.41      418.16865  (11010718)
        579085.01   4141196.41      425.79543  (12111418)               579105.01
4141196.41      428.71467  (09011017)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 794
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579125.01   4141196.41      435.66103  (09011017)               579145.01
4141196.41      431.21827  (10120217)
        579165.01   4141196.41      428.39575  (12111417)               579185.01
4141196.41      416.92689  (17121318)
        579205.01   4141196.41      410.63226  (17121318)               579225.01
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4141196.41 396.89608 (13110618)
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4141216.41 219.47485 (12010309)
578405.01 4141216.41 235.65080 (12010309) 578425.01
4141216.41 247.29150 (12010309)
578445.01 4141216.41 254.03860 (12010309) 578465.01
4141216.41 256.02057 (12010309)
578485.01 4141216.41 254.44222 (12010309) 578505.01
4141216.41 250.13941 (12010309)
578525.01 4141216.41 245.96461 (11122717) 578545.01
4141216.41 240.75977 (11122717)
578565.01 4141216.41 235.92362 (16020318) 578585.01
4141216.41 241.22724 (16020318)
578605.01 4141216.41 255.55755 (14112017) 578625.01
4141216.41 284.30409 (14112017)
578645.01 4141216.41 302.45495 (09012117) 578665.01
4141216.41 325.29817 (09012117)
578685.01 4141216.41 326.84748 (09012117) 578705.01
4141216.41 325.38301 (14121217)
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578765.01 4141216.41 351.20044 (14010318) 578785.01
4141216.41 355.71267 (14010318)
578805.01 4141216.41 361.87716 (16120717) 578825.01
4141216.41 361.51073 (15010818)
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578985.01 4141216.41 415.81679 (16010818) 579005.01
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4141216.41 434.46217 (11112917)
579065.01 4141216.41 444.35373 (11010718) 579085.01
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4141216.41 444.66931 (11111218)
579185.01 4141216.41 441.00401 (17121318) 579205.01
4141216.41 424.05721 (13110618)
579225.01 4141216.41 421.34452 (13110618) 579245.01
4141216.41 405.59766 (15011018)
578385.01 4141236.41 204.01931 (12010309) 578405.01
4141236.41 225.18794 (12010309)
578425.01 4141236.41 244.03587 (12010309) 578445.01
4141236.41 257.78080 (12010309)
578465.01 4141236.41 266.21102 (12010309) 578485.01
4141236.41 269.46613 (12010309)
578505.01 4141236.41 268.63660 (12010309) 578525.01

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4141236.41      264.86996  (12010309)
        578545.01   4141236.41      259.17884  (11122717)                578565.01
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        578585.01   4141236.41      250.53134  (16020318)                578605.01
4141236.41      253.71474  (16020318)
        578625.01   4141236.41      284.60759  (14112017)                578645.01
4141236.41      308.77047  (14112017)
        578665.01   4141236.41      335.52196  (09012117)                578685.01
4141236.41      346.55552  (09012117)
        578705.01   4141236.41      336.73501  (09012117)                578725.01
4141236.41      352.10540  (14121217)
        578745.01   4141236.41      344.11439  (11010818)                578765.01
4141236.41      369.01966  (11010818)
        578785.01   4141236.41      377.21611  (14010318)                578805.01
4141236.41      383.03366  (16120717)
        578825.01   4141236.41      382.23927  (15010818)                578945.01
4141236.41      417.38981  (09011617)
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4141236.41      439.15574  (16010818)
        579005.01   4141236.41      453.84891  (10121417)                579025.01
4141236.41      462.38853  (10121417)
        579045.01   4141236.41      465.78858  (11010718)                579065.01
4141236.41      477.47453  (12111418)
        579085.01   4141236.41      485.63681  (09011017)                579105.01
4141236.41      489.80165  (10120217)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***                 12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***                15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP14  ***
                                             INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        579125.01   4141236.41      489.98103  (12111417)                579145.01
4141236.41      475.53325  (11111218)
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579165.01 4141236.41 474.74038 (17121318) 579185.01 4141236.41 454.57679 (13110618)
579205.01 4141236.41 452.27021 (13110618) 579225.01 4141236.41 435.14107 (15011018)
579245.01 4141236.41 398.29203 (15011018) 578385.01 4141256.41 186.08745 (09110418)
578405.01 4141256.41 207.10504 (12010309) 578425.01 4141256.41 230.84923 (12010309)
578445.01 4141256.41 252.34430 (12010309) 578465.01 4141256.41 269.06547 (12010309)
578485.01 4141256.41 279.45086 (12010309) 578505.01 4141256.41 284.20761 (12010309)
578525.01 4141256.41 284.16523 (12010309) 578545.01 4141256.41 280.24333 (12010309)
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578765.01 4141256.41 390.99452 (11010818) 578785.01 4141256.41 401.79051 (14010318)
578805.01 4141256.41 407.21069 (16120717) 578965.01 4141256.41 452.91226 (16010818)
578985.01 4141256.41 467.19181 (10121417) 579005.01 4141256.41 482.79007 (10121417)
579025.01 4141256.41 489.42710 (10121417) 579045.01 4141256.41 499.45203 (11010718)
579065.01 4141256.41 512.86693 (12111418) 579085.01 4141256.41 523.19281 (09011017)
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579225.01 4141256.41 426.60049 (15011018) 579245.01 4141256.41 368.74097 (09011517)
579265.01 4141256.41 350.04216 (09011517) 578385.01 4141276.41 211.76134 (09110418)
578405.01 4141276.41 206.56121 (09110418) 578425.01 4141276.41 210.28839 (12010309)
578445.01 4141276.41 236.88218 (12010309) 578465.01 4141276.41 261.30145 (12010309)
578485.01 4141276.41 280.75784 (12010309) 578505.01 4141276.41 294.20166 (12010309)

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        578525.01   4141276.41      300.93517  (12010309)               578545.01
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        578565.01   4141276.41      297.28984  (12010309)               578585.01
4141276.41      291.42269  (12010309)
        578605.01   4141276.41      285.53375  (12010309)               578625.01
4141276.41      283.27121  (16020318)
        578645.01   4141276.41      314.70539  (14112017)               578665.01
4141276.41      346.14382  (14112017)
        578685.01   4141276.41      380.66477  (09012117)               578705.01
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        578765.01   4141276.41      414.82556  (11010818)               578785.01
4141276.41      430.25128  (14010318)
        578985.01   4141276.41      497.79686  (10121417)               579005.01
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        579025.01   4141276.41      524.29206  (11010718)               579045.01
4141276.41      541.95799  (12111418)
        579065.01   4141276.41      556.12141  (09011017)               579085.01
4141276.41      562.97945  (10120217)
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4141276.41      554.05358  (17121318)
        579145.01   4141276.41      532.53926  (17121318)               579165.01
4141276.41      528.18390  (13110618)
        579185.01   4141276.41      506.85933  (15011018)               579205.01
4141276.41      458.70500  (15011018)
        579225.01   4141276.41      399.53295  (09011517)               579245.01
4141276.41      374.83927  (09011517)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP14  ***
                                      INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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579265.01	4141276.41	348.45410	(12120718)	578385.01	4141296.41	230.72199	(09110418)
578405.01	4141296.41	231.02177	(09110418)	578425.01	4141296.41	227.95144	(09110418)
578445.01	4141296.41	223.56173	(09110418)	578465.01	4141296.41	243.72178	(12010309)
578485.01	4141296.41	271.79663	(12010309)	578505.01	4141296.41	294.88677	(12010309)
578525.01	4141296.41	311.31546	(12010309)	578545.01	4141296.41	319.86060	(12010309)
578565.01	4141296.41	320.88583	(12010309)	578585.01	4141296.41	316.46789	(12010309)
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578645.01	4141296.41	305.46709	(14112017)	578665.01	4141296.41	353.85397	(14112017)
578685.01	4141296.41	388.99691	(09012117)	578705.01	4141296.41	417.28699	(09012117)
578725.01	4141296.41	407.06109	(09012117)	578745.01	4141296.41	427.88471	(14121217)
579005.01	4141296.41	555.25788	(10121417)	579025.01	4141296.41	569.28947	(11010718)
579045.01	4141296.41	588.20696	(12111418)	579065.01	4141296.41	604.14851	(10120217)
579085.01	4141296.41	606.75849	(12111417)	579105.01	4141296.41	601.16416	(17121318)
579125.01	4141296.41	584.46599	(17121318)	579145.01	4141296.41	574.88268	(13110618)
579165.01	4141296.41	551.29608	(15011018)	579185.01	4141296.41	495.59454	(15011018)
579205.01	4141296.41	434.32397	(09011517)	579225.01	4141296.41	402.06333	(09011517)
579245.01	4141296.41	381.34220	(17122918)	579265.01	4141296.41	372.87440	(17122918)
579285.01	4141296.41	358.20583	(14011818)	578385.01	4141316.41	242.23758	(09110418)
578405.01	4141316.41	247.26153	(09110418)	578425.01	4141316.41	250.40432	(09110418)
578445.01	4141316.41	249.86529	(09110418)	578465.01	4141316.41	247.09417	(09110418)
578485.01	4141316.41	250.53571	(12010309)	578505.01	4141316.41	282.85270	(12010309)
578525.01	4141316.41	310.32582	(12010309)	578545.01	4141316.41	330.47319	(12010309)
578565.01	4141316.41	341.65663	(12010309)	578585.01	4141316.41	343.61242	(12010309)
578605.01	4141316.41	338.57079	(12010309)	578625.01	4141316.41	330.51970	(12010309)
578645.01	4141316.41	324.22731	(12010309)	578665.01			

4141316.41   352.15633 (14112017)
        578685.01   4141316.41   395.11666 (14112017)   578705.01
4141316.41   440.11527 (09012117)
        578725.01   4141316.41   447.03202 (09012117)   579025.01
4141316.41   625.69341 (12111418)
        579045.01   4141316.41   647.88366 (09011017)   579065.01
4141316.41   656.91300 (10120217)
        579085.01   4141316.41   654.35465 (17121318)   579105.01
4141316.41   644.76175 (17121318)
        579125.01   4141316.41   630.06699 (15011018)   579145.01
4141316.41   603.22182 (15011018)
        579165.01   4141316.41   538.57990 (15011018)   579185.01
4141316.41   473.91579 (09011517)
        579205.01   4141316.41   431.96640 (09011517)   579225.01
4141316.41   421.46336 (17122918)
        579245.01   4141316.41   404.68952 (17122918)   579265.01
4141316.41   394.75191 (14011818)
        579285.01   4141316.41   379.04610 (14011818)   578385.01
4141336.41   242.25502 (09110418)
        578405.01   4141336.41   253.80503 (09110418)   578425.01
4141336.41   262.62113 (09110418)
        578445.01   4141336.41   269.00523 (09110418)   578465.01
4141336.41   272.81834 (09110418)
        578485.01   4141336.41   271.97037 (09110418)   578505.01
4141336.41   269.04889 (09110418)
        578525.01   4141336.41   294.34089 (12010309)   578545.01
4141336.41   327.18167 (12010309)
        578565.01   4141336.41   352.18959 (12010309)   578585.01
4141336.41   366.94516 (12010309)
        578605.01   4141336.41   370.46736 (12010309)   578625.01
4141336.41   364.53388 (12010309)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14 ***
                                   INCLUDING SOURCE(S):   DEMO1_1D   , DEMO1_2D
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141336.41	354.06898	(12010309)	578665.01	4141336.41	347.54936	(16020318)
578685.01	4141336.41	404.09147	(14112017)	578705.01	4141336.41	453.81627	(09012117)
579025.01	4141336.41	693.23247	(09011017)	579045.01	4141336.41	719.25739	(10120217)
579065.01	4141336.41	715.29264	(17121318)	579085.01	4141336.41	715.40842	(17121318)
579105.01	4141336.41	696.68267	(15011018)	579125.01	4141336.41	665.49931	(15011018)
579145.01	4141336.41	589.41635	(15011018)	579165.01	4141336.41	519.34783	(09011517)
579185.01	4141336.41	478.19566	(17122918)	579205.01	4141336.41	465.24806	(17122918)
579225.01	4141336.41	448.67867	(14011818)	579245.01	4141336.41	432.41274	(14011818)
579265.01	4141336.41	406.52818	(14011818)	579285.01	4141336.41	386.63941	(17120218)
578385.01	4141356.41	244.53804	(16030918)	578405.01	4141356.41	246.99855	(16030918)
578425.01	4141356.41	262.67391	(09110418)	578445.01	4141356.41	276.23850	(09110418)
578465.01	4141356.41	287.11462	(09110418)	578485.01	4141356.41	295.40608	(09110418)
578505.01	4141356.41	298.82742	(09110418)	578525.01	4141356.41	297.96557	(09110418)
578545.01	4141356.41	306.32769	(12010309)	578565.01	4141356.41	345.55478	(12010309)
578585.01	4141356.41	376.92658	(12010309)	578605.01	4141356.41	396.87553	(12010309)
578625.01	4141356.41	402.72030	(12010309)	578645.01	4141356.41	395.71696	(12010309)
578665.01	4141356.41	381.95719	(12010309)	578685.01	4141356.41	399.15720	(14112017)
579025.01	4141356.41	785.52886	(10120217)	579045.01	4141356.41	795.08123	(12111417)
579065.01	4141356.41	799.69266	(17121318)	579085.01	4141356.41	777.74623	(15011018)
579105.01	4141356.41	740.82726	(15011018)	579125.01	4141356.41	650.17193	(15011018)
579145.01	4141356.41	572.06413	(09011517)	579165.01	4141356.41	538.91741	(17122918)
579185.01	4141356.41	515.56429	(14011818)	579205.01	4141356.41	499.33381	(14011818)
579225.01	4141356.41	469.85157	(14011818)	579245.01	4141356.41	442.55476	(17120218)

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        579265.01   4141356.41      424.18631  (17120218)                579285.01
4141356.41      399.52043  (17120218)
        579305.01   4141356.41      373.68926  (09120518)                578385.01
4141376.41      256.42986  (16030918)
        578405.01   4141376.41      264.63856  (16030918)                578425.01
4141376.41      271.13465  (16030918)
        578445.01   4141376.41      275.75786  (16030918)                578465.01
4141376.41      287.50480  (09110418)
        578485.01   4141376.41      303.67362  (09110418)                578505.01
4141376.41      317.07071  (09110418)
        578525.01   4141376.41      326.57799  (09110418)                578545.01
4141376.41      329.56556  (09110418)
        578565.01   4141376.41      329.15643  (09110418)                578585.01
4141376.41      365.51685  (12010309)
        578605.01   4141376.41      405.32365  (12010309)                578625.01
4141376.41      432.36222  (12010309)
        578645.01   4141376.41      442.25011  (12010309)                578665.01
4141376.41      434.90522  (12010309)
        578685.01   4141376.41      416.37795  (12010309)                579005.01
4141376.41      858.31278  (10120217)
        579025.01   4141376.41      888.45626  (10120217)                579045.01
4141376.41      902.87391  (17121318)
        579065.01   4141376.41      879.57546  (15011018)                579085.01
4141376.41      834.41728  (15011018)
        579105.01   4141376.41      724.81103  (15011018)                579125.01
4141376.41      633.76966  (09011517)
        579145.01   4141376.41      607.63230  (17122918)                579165.01
4141376.41      585.46116  (14011818)
        579185.01   4141376.41      551.61113  (14011818)                579205.01
4141376.41      514.42583  (17120218)
        579225.01   4141376.41      490.05266  (17120218)                579245.01
4141376.41      457.76279  (17120218)
        579265.01   4141376.41      425.93284  (09120518)                579285.01
4141376.41      405.33995  (17112018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***                 12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***                15:03:32

                                             PAGE 798
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP14  ***
                                             INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579305.01	4141376.41	388.35194	(17112018)	578385.01	4141396.41	263.90202	(14120118)
578405.01	4141396.41	267.81674	(16030918)	578425.01	4141396.41	280.48760	(16030918)
578445.01	4141396.41	291.99560	(16030918)	578465.01	4141396.41	301.94093	(16030918)
578485.01	4141396.41	309.46462	(16030918)	578505.01	4141396.41	317.30766	(09110418)
578525.01	4141396.41	338.42694	(09110418)	578545.01	4141396.41	353.81504	(09110418)
578565.01	4141396.41	364.20537	(09110418)	578585.01	4141396.41	368.39416	(09110418)
578605.01	4141396.41	386.88882	(12010309)	578625.01	4141396.41	437.48275	(12010309)
578645.01	4141396.41	474.90488	(12010309)	578665.01	4141396.41	491.73583	(12010309)
579005.01	4141396.41	1008.18599	(10120217)	579025.01	4141396.41	1034.95198	(17121318)
579045.01	4141396.41	1012.67783	(15011018)	579065.01	4141396.41	954.40758	(15011018)
579085.01	4141396.41	818.93162	(15011018)	579105.01	4141396.41	731.02274	(17122918)
579125.01	4141396.41	700.00545	(14011818)	579145.01	4141396.41	660.88737	(14011818)
579165.01	4141396.41	609.94475	(17120218)	579185.01	4141396.41	576.29076	(17120218)
579205.01	4141396.41	532.70493	(17120218)	579225.01	4141396.41	491.70173	(09120518)
579245.01	4141396.41	469.69410	(17112018)	579265.01	4141396.41	443.81892	(17112018)
579285.01	4141396.41	415.11253	(17112018)	579305.01	4141396.41	384.92941	(17112018)
578385.01	4141416.41	301.01222	(14120118)	578405.01	4141416.41	305.85183	(14120118)
578425.01	4141416.41	309.65217	(14120118)	578445.01	4141416.41	312.26380	(14120118)
578465.01	4141416.41	313.50875	(14120118)	578485.01	4141416.41	324.08647	(16030918)
578505.01	4141416.41	338.21388	(16030918)	578525.01	4141416.41	350.02249	(16030918)
578545.01	4141416.41	358.65696	(16030918)	578565.01	4141416.41	380.42622	(09110418)
578585.01	4141416.41	400.91401	(09110418)	578605.01			

4141416.41   413.70102 (09110418)
        578625.01   4141416.41   417.62913 (09110418)   578645.01
4141416.41   474.20361 (12010309)
        578665.01   4141416.41   526.12111 (12010309)   579025.01
4141416.41   1202.04166 (15011018)
        579045.01   4141416.41   1118.25471 (15011018)   579065.01
4141416.41   943.01945 (15011018)
        579085.01   4141416.41   861.23839 (14011818)   579105.01
4141416.41   813.58395 (14011818)
        579125.01   4141416.41   742.97036 (17120218)   579145.01
4141416.41   693.82052 (17120218)
        579165.01   4141416.41   632.44574 (17120218)   579185.01
4141416.41   585.72863 (17112018)
        579205.01   4141416.41   550.73091 (17112018)   579225.01
4141416.41   511.51594 (17112018)
        579245.01   4141416.41   470.32732 (17112018)   579265.01
4141416.41   428.95792 (17112018)
        579285.01   4141416.41   389.37491 (13120418)   579305.01
4141416.41   365.59792 (10120118)
        578385.01   4141436.41   321.17674 (14120118)   578405.01
4141436.41   332.38464 (14120118)
        578425.01   4141436.41   343.01845 (14120118)   578445.01
4141436.41   353.03599 (14120118)
        578465.01   4141436.41   361.86687 (14120118)   578485.01
4141436.41   369.41909 (14120118)
        578505.01   4141436.41   375.06032 (14120118)   578525.01
4141436.41   379.21509 (14120118)
        578545.01   4141436.41   382.51179 (16030918)   578565.01
4141436.41   400.54166 (16030918)
        578585.01   4141436.41   414.99052 (16030918)   578605.01
4141436.41   437.58653 (09110418)
        578625.01   4141436.41   464.79645 (09110418)   578645.01
4141436.41   480.78614 (09110418)
        579025.01   4141436.41   1365.45325 (15011018)   579045.01
4141436.41   1119.08329 (15011018)
        579065.01   4141436.41   1045.47789 (14011818)   579085.01
4141436.41   941.26887 (17120218)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14 ***
                                   INCLUDING SOURCE(S):   DEMO1_1D   , DEMO1_2D
,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579105.01	4141436.41	863.08964	(17120218)	579125.01	4141436.41	771.73350	(17120218)
579145.01	4141436.41	712.69515	(17112018)	579165.01	4141436.41	654.97895	(17112018)
579185.01	4141436.41	595.02200	(17112018)	579205.01	4141436.41	535.59342	(17112018)
579225.01	4141436.41	478.67297	(17112018)	579245.01	4141436.41	456.33590	(10120118)
579265.01	4141436.41	435.29844	(10120118)	579285.01	4141436.41	413.97279	(10120118)
579305.01	4141436.41	392.71933	(10120118)	579325.01	4141436.41	371.81016	(10120118)
578385.01	4141456.41	318.79967	(14120118)	578405.01	4141456.41	335.40954	(14120118)
578425.01	4141456.41	352.36553	(14120118)	578445.01	4141456.41	369.64759	(14120118)
578465.01	4141456.41	386.90614	(14120118)	578485.01	4141456.41	403.94177	(14120118)
578505.01	4141456.41	419.92664	(14120118)	578525.01	4141456.41	435.59074	(14120118)
578545.01	4141456.41	448.73463	(14120118)	578565.01	4141456.41	460.28132	(14120118)
578585.01	4141456.41	469.27251	(14120118)	578605.01	4141456.41	474.98755	(14120118)
578625.01	4141456.41	491.51983	(16030918)	578645.01	4141456.41	517.78716	(09110418)
579045.01	4141456.41	1278.71872	(17120218)	579065.01	4141456.41	1130.13406	(17120218)
579085.01	4141456.41	987.17680	(17112018)	579105.01	4141456.41	890.11331	(17112018)
579125.01	4141456.41	793.28419	(17112018)	579145.01	4141456.41	700.13166	(17112018)
579165.01	4141456.41	627.45306	(10120118)	579185.01	4141456.41	587.76567	(10120118)
579205.01	4141456.41	549.46197	(10120118)	579225.01	4141456.41	512.87561	(10120118)
579245.01	4141456.41	478.12863	(10120118)	579265.01	4141456.41	445.40634	(10120118)
578385.01	4141476.41	308.10024	(12010417)	578405.01	4141476.41	317.28448	(12010417)

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        578425.01   4141476.41      333.81496  (14120118)               578445.01
4141476.41      355.73952  (14120118)
        578465.01   4141476.41      379.07936  (14120118)               578485.01
4141476.41      403.93478  (14120118)
        578505.01   4141476.41      429.52601  (14120118)               578525.01
4141476.41      456.90764  (14120118)
        578545.01   4141476.41      483.57571  (14120118)               578565.01
4141476.41      511.27450  (14120118)
        578585.01   4141476.41      538.38900  (14120118)               578605.01
4141476.41      563.80407  (14120118)
        578625.01   4141476.41      586.20205  (14120118)               578645.01
4141476.41      604.61618  (14120118)
        579065.01   4141476.41     1162.76593  (17112018)               579085.01
4141476.41      989.90347  (17112018)
        579105.01   4141476.41      873.34307  (10120118)               579125.01
4141476.41      790.34856  (10120118)
        579145.01   4141476.41      716.93511  (10120118)               579165.01
4141476.41      651.51275  (10120118)
        579185.01   4141476.41      592.93085  (10120118)               579205.01
4141476.41      547.80869  (10122318)
        579225.01   4141476.41      511.33175  (10122318)               578385.01
4141496.41      332.03429  (12010417)
        578405.01   4141496.41      345.77977  (12010417)               578425.01
4141496.41      360.22969  (12010417)
        578445.01   4141496.41      375.52909  (12010417)               578465.01
4141496.41      391.87432  (12010417)
        578485.01   4141496.41      409.43477  (12010417)               578505.01
4141496.41      427.53840  (12010417)
        578525.01   4141496.41      447.72313  (12010417)               578545.01
4141496.41      467.17096  (12010417)
        578565.01   4141496.41      505.06056  (14120118)               578585.01
4141496.41      548.58943  (14120118)
        578605.01   4141496.41      595.84144  (14120118)               578625.01
4141496.41      646.30934  (14120118)
        578645.01   4141496.41      699.48566  (14120118)               579085.01
4141496.41      988.18195  (10120118)
        579105.01   4141496.41      873.23386  (10122318)               579125.01
4141496.41      782.56693  (10122318)
        579145.01   4141496.41      707.07268  (10122318)               579165.01
4141496.41      642.83867  (10122318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                    PAGE 800
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP14  ***
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INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D
,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141496.41	587.26435	(10122318)	579205.01	4141496.41	544.12112	(11112918)
578385.01	4141516.41	352.79534	(13012417)	578405.01	4141516.41	367.70157	(13012417)
578425.01	4141516.41	383.69731	(13012417)	578445.01	4141516.41	400.83468	(13012417)
578465.01	4141516.41	419.51387	(13012417)	578485.01	4141516.41	439.93874	(13012417)
578505.01	4141516.41	462.03278	(13012417)	578525.01	4141516.41	487.11650	(13012417)
578545.01	4141516.41	513.09780	(13012417)	578565.01	4141516.41	542.72684	(13012417)
578585.01	4141516.41	575.42012	(13012417)	578605.01	4141516.41	613.45917	(12010417)
578625.01	4141516.41	659.75631	(12010417)	578645.01	4141516.41	712.63202	(12010417)
579085.01	4141516.41	942.36740	(11112918)	579105.01	4141516.41	833.38773	(11112918)
579125.01	4141516.41	746.59916	(11112918)	579145.01	4141516.41	675.27701	(11112918)
579165.01	4141516.41	615.37183	(11112918)	578385.01	4141536.41	370.29846	(13012417)
578405.01	4141536.41	387.10915	(13012417)	578425.01	4141536.41	405.43839	(13012417)
578445.01	4141536.41	425.43869	(13012417)	578465.01	4141536.41	447.22018	(13012417)
578485.01	4141536.41	471.25711	(13012417)	578505.01	4141536.41	497.68210	(13012417)
578525.01	4141536.41	528.21513	(13012417)	578545.01	4141536.41	560.37679	(13012417)
578565.01	4141536.41	598.08101	(13012417)	578585.01	4141536.41	640.89624	(13012417)
578605.01	4141536.41	690.10562	(13012417)	578625.01	4141536.41	748.05731	(13012417)
578645.01	4141536.41	816.82754	(13012417)	578665.01	4141536.41	900.29393	(13012417)
579105.01	4141536.41	713.12541	(11112918)	579125.01			

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4141536.41      640.42164  (11112918)
        579185.01   4141536.41      485.04815  (11112918)              578385.01
4141556.41      356.78236  (17121418)
        578405.01   4141556.41      372.97482  (17121418)              578425.01
4141556.41      390.53371  (17121418)
        578445.01   4141556.41      409.69523  (17121418)              578465.01
4141556.41      430.67928  (17121418)
        578485.01   4141556.41      453.59378  (17121418)              578505.01
4141556.41      478.74601  (17121418)
        578525.01   4141556.41      507.36410  (17121418)              578545.01
4141556.41      537.80106  (17121418)
        578565.01   4141556.41      573.06287  (17121418)              578585.01
4141556.41      612.85306  (17121418)
        578605.01   4141556.41      658.66020  (17121418)              578625.01
4141556.41      711.68277  (17121418)
        578645.01   4141556.41      774.14541  (17121418)              578665.01
4141556.41      849.01263  (17121418)
        578685.01   4141556.41      941.24603  (17121418)              579165.01
4141556.41      520.61567  (16011318)
        579185.01   4141556.41      478.81713  (16011318)              579205.01
4141556.41      440.91630  (16011318)
        578385.01   4141576.41      326.24067  (17121418)              578405.01
4141576.41      339.73576  (17121418)
        578425.01   4141576.41      354.73008  (10012218)              578445.01
4141576.41      373.59184  (10012218)
        578465.01   4141576.41      393.80915  (10012218)              578485.01
4141576.41      415.74231  (10012218)
        578505.01   4141576.41      439.67913  (10012218)              578525.01
4141576.41      466.40674  (10012218)
        578545.01   4141576.41      493.64554  (10012218)              578565.01
4141576.41      524.06699  (10012218)
        578585.01   4141576.41      557.21078  (10012218)              578605.01
4141576.41      593.57605  (10012218)
        578625.01   4141576.41      633.60537  (10012218)              578645.01
4141576.41      678.12318  (10012218)
        578665.01   4141576.41      726.19235  (10012218)              578685.01
4141576.41      778.92030  (10012218)
        578705.01   4141576.41      899.28900  (16120718)              579145.01
4141576.41      549.18550  (16011318)
        579165.01   4141576.41      514.37337  (16011318)              579185.01
4141576.41      482.07855  (16011318)
        579205.01   4141576.41      451.91845  (16011318)              579225.01
4141576.41      423.67799  (16011318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                  PAGE 801
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579245.01	4141576.41	397.22772	(16011318)	579265.01	4141576.41	372.51298	(16011318)
578385.01	4141596.41	322.97156	(10012218)	578405.01	4141596.41	336.25743	(10012218)
578425.01	4141596.41	350.03267	(10012218)	578445.01	4141596.41	364.63001	(10012218)
578465.01	4141596.41	379.83171	(10012218)	578485.01	4141596.41	395.78883	(10012218)
578505.01	4141596.41	412.89372	(10012218)	578525.01	4141596.41	431.01573	(10012218)
578545.01	4141596.41	448.91868	(10012218)	578565.01	4141596.41	468.31040	(10012218)
578585.01	4141596.41	488.27968	(10012218)	578605.01	4141596.41	509.15822	(10012218)
578625.01	4141596.41	572.88247	(15102718)	578645.01	4141596.41	650.45117	(15102718)
578665.01	4141596.41	742.82906	(16120718)	578685.01	4141596.41	884.54560	(16120718)
578705.01	4141596.41	1017.86514	(16120718)	578725.01	4141596.41	1139.69746	(16120718)
578745.01	4141596.41	1269.57571	(16120718)	579105.01	4141596.41	566.86857	(17010418)
579145.01	4141596.41	501.58448	(17010418)	579165.01	4141596.41	471.83836	(17010418)
579185.01	4141596.41	448.63239	(16011318)	579205.01	4141596.41	427.82039	(16011318)
579225.01	4141596.41	407.79682	(16011318)	579245.01	4141596.41	388.44514	(16011318)
579265.01	4141596.41	369.76924	(16011318)	579285.01	4141596.41	351.71309	(16011318)
579305.01	4141596.41	334.43096	(16011318)	579325.01	4141596.41	317.82522	(16011318)
579345.01	4141596.41	301.93307	(16011318)	578385.01	4141616.41	295.90303	(10012218)

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        578405.01   4141616.41      304.55865  (10012218)                578425.01
4141616.41      313.30046  (10012218)
        578445.01   4141616.41      322.06797  (10012218)                578465.01
4141616.41      330.92886  (10012218)
        578485.01   4141616.41      339.89115  (10012218)                578505.01
4141616.41      349.16312  (10012218)
        578525.01   4141616.41      369.03719  (15102718)                578545.01
4141616.41      414.65670  (15102718)
        578565.01   4141616.41      464.10754  (15102718)                578585.01
4141616.41      515.43768  (15102718)
        578605.01   4141616.41      567.60020  (15102718)                578625.01
4141616.41      643.56819  (16120718)
        578645.01   4141616.41      742.59054  (16120718)                578665.01
4141616.41      838.60481  (16120718)
        578685.01   4141616.41      929.48178  (16120718)                578705.01
4141616.41     1021.31780  (16120718)
        578725.01   4141616.41     1134.60305  (16120718)                578745.01
4141616.41     1313.66277  (16120718)
        579065.01   4141616.41      609.82114  (09012218)                579085.01
4141616.41      573.73088  (09012218)
        579105.01   4141616.41      539.29094  (09012218)                579125.01
4141616.41      506.71019  (09012218)
        579165.01   4141616.41      443.29856  (09012218)                579185.01
4141616.41      422.77990  (17010418)
        579205.01   4141616.41      403.98216  (17010418)                579225.01
4141616.41      384.98695  (17010418)
        579245.01   4141616.41      365.77635  (17010418)                579265.01
4141616.41      346.47954  (17010418)
        579285.01   4141616.41      330.96117  (16011318)                579305.01
4141616.41      319.16390  (16011318)
        579325.01   4141616.41      307.41253  (16011318)                579345.01
4141616.41      295.72771  (16011318)
        578385.01   4141636.41      248.61381  (10012218)                578405.01
4141636.41      252.51338  (10012218)
        578425.01   4141636.41      258.24138  (15102718)                578445.01
4141636.41      287.93388  (15102718)
        578465.01   4141636.41      319.87731  (15102718)                578485.01
4141636.41      353.70724  (15102718)
        578505.01   4141636.41      389.21454  (15102718)                578525.01
4141636.41      425.84982  (15102718)
        578545.01   4141636.41      462.17835  (15102718)                578565.01
4141636.41      497.91454  (15102718)
        578585.01   4141636.41      571.81013  (16120718)                578605.01
4141636.41      645.88043  (16120718)
        578625.01   4141636.41      716.83755  (16120718)                578645.01
4141636.41      783.11277  (16120718)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S):   DEMO1_1D   , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141636.41	845.38128	(16120718)	578685.01	4141636.41	909.13775	(16120718)
578705.01	4141636.41	979.58410	(16120718)	578725.01	4141636.41	1103.00048	(12111618)
579045.01	4141636.41	574.09491	(17112518)	579065.01	4141636.41	541.36441	(17112518)
579085.01	4141636.41	511.39181	(09012218)	579105.01	4141636.41	495.09643	(09012218)
579125.01	4141636.41	476.20195	(09012218)	579165.01	4141636.41	434.47474	(09012218)
579185.01	4141636.41	412.05392	(09012218)	579205.01	4141636.41	388.32003	(09012218)
579225.01	4141636.41	363.37633	(09012218)	579245.01	4141636.41	347.82462	(17010418)
579265.01	4141636.41	335.63559	(17010418)	579285.01	4141636.41	322.74986	(17010418)
579305.01	4141636.41	309.41613	(17010418)	579325.01	4141636.41	295.68938	(17010418)
579345.01	4141636.41	281.78189	(17010418)	578385.01	4141656.41	256.95997	(15102718)
578405.01	4141656.41	281.73842	(15102718)	578425.01	4141656.41	307.47789	(15102718)
578445.01	4141656.41	334.05317	(15102718)	578465.01	4141656.41	361.06854	(15102718)
578485.01	4141656.41	387.55342	(15102718)	578505.01	4141656.41	413.40777	(15102718)
578525.01	4141656.41	456.77077	(16120718)	578545.01	4141656.41	513.92746	(16120718)
578565.01	4141656.41	570.14296	(16120718)	578585.01	4141656.41	623.02951	(16120718)
578605.01	4141656.41	670.62426	(16120718)	578625.01			

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4141656.41      711.94435  (16120718)
        578645.01   4141656.41      745.95138  (16120718)                578665.01
4141656.41      772.37425  (16120718)
        578685.01   4141656.41      863.88572  (12111618)                578705.01
4141656.41     1007.99752  (12111618)
        578725.01   4141656.41     1165.21920  (09121117)                579005.01
4141656.41      526.37451  (14121218)
        579025.01   4141656.41      514.46142  (11121618)                579045.01
4141656.41      507.37939  (17112518)
        579065.01   4141656.41      496.45849  (17112518)                579085.01
4141656.41      478.64175  (17112518)
        579105.01   4141656.41      456.98419  (17112518)                579125.01
4141656.41      433.28594  (17112518)
        579145.01   4141656.41      416.49474  (09012218)                579185.01
4141656.41      393.53297  (09012218)
        579205.01   4141656.41      378.96631  (09012218)                579225.01
4141656.41      362.65048  (09012218)
        579245.01   4141656.41      344.64451  (09012218)                579265.01
4141656.41      325.29351  (09012218)
        579285.01   4141656.41      304.84755  (09012218)                579305.01
4141656.41      293.27600  (17010418)
        579325.01   4141656.41      284.98619  (17010418)                579345.01
4141656.41      275.99997  (17010418)
        578385.01   4141676.41      291.43002  (15102718)                578405.01
4141676.41      311.69940  (15102718)
        578425.01   4141676.41      331.38683  (15102718)                578445.01
4141676.41      350.21126  (15102718)
        578465.01   4141676.41      375.42924  (16120718)                578485.01
4141676.41      420.48025  (16120718)
        578505.01   4141676.41      465.60954  (16120718)                578525.01
4141676.41      508.41564  (16120718)
        578545.01   4141676.41      547.44402  (16120718)                578565.01
4141676.41      580.86485  (16120718)
        578585.01   4141676.41      607.07803  (16120718)                578605.01
4141676.41      624.63313  (16120718)
        578625.01   4141676.41      653.71407  (09122918)                578645.01
4141676.41      704.02678  (10122417)
        578665.01   4141676.41      808.64512  (12111618)                578685.01
4141676.41      901.46969  (12111618)
        578705.01   4141676.41     1016.07276  (09121117)                578985.01
4141676.41      539.33495  (14121218)
        579005.01   4141676.41      493.35005  (14121218)                579025.01
4141676.41      444.29658  (11121618)
        579045.01   4141676.41      446.28913  (11121618)                579065.01
4141676.41      440.67215  (11121618)
        579085.01   4141676.41      434.44324  (17112518)                579105.01
4141676.41      426.10149  (17112518)
        579125.01   4141676.41      413.23478  (17112518)                579145.01
4141676.41      397.02380  (17112518)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579165.01	4141676.41	378.04124	(17112518)	579185.01	4141676.41	358.75829	(09012218)
579205.01	4141676.41	352.99715	(09012218)	579225.01	4141676.41	344.92010	(09012218)
579245.01	4141676.41	334.73308	(09012218)	579265.01	4141676.41	322.68454	(09012218)
579285.01	4141676.41	308.97593	(09012218)	579305.01	4141676.41	293.78050	(09012218)
579325.01	4141676.41	277.53687	(09012218)	579345.01	4141676.41	263.05130	(16112518)
578385.01	4141696.41	302.24320	(15102718)	578405.01	4141696.41	315.23685	(16120718)
578425.01	4141696.41	351.42809	(16120718)	578445.01	4141696.41	387.93799	(16120718)
578465.01	4141696.41	423.18983	(16120718)	578485.01	4141696.41	455.88098	(16120718)
578505.01	4141696.41	484.87917	(16120718)	578525.01	4141696.41	508.20184	(16120718)
578565.01	4141696.41	535.00410	(09122918)	578585.01	4141696.41	565.17785	(09122918)
578605.01	4141696.41	602.67086	(10122417)	578625.01	4141696.41	670.35883	(12111618)
578645.01	4141696.41	745.90365	(12111618)	578665.01	4141696.41	807.29081	(09121117)
578685.01	4141696.41	897.51187	(12010318)	578945.01	4141696.41	453.91073	(14103118)
578965.01	4141696.41	473.94176	(14121218)	578985.01	4141696.41	485.35475	(14121218)

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        579005.01   4141696.41      460.22811  (14121218)               579025.01
4141696.41      398.66597  (14121218)
        579045.01   4141696.41      389.48851  (11121618)               579065.01
4141696.41      393.93173  (11121618)
        579085.01   4141696.41      392.93012  (11121618)               579105.01
4141696.41      386.66665  (11121618)
        579125.01   4141696.41      381.55063  (17112518)               579145.01
4141696.41      374.84216  (17112518)
        579165.01   4141696.41      364.47669  (17112518)               579185.01
4141696.41      350.81986  (17112518)
        579205.01   4141696.41      334.30537  (17112518)               579225.01
4141696.41      318.82405  (15110918)
        579245.01   4141696.41      311.04009  (09012218)               579265.01
4141696.41      305.83692  (09012218)
        579285.01   4141696.41      298.67161  (09012218)               579305.01
4141696.41      289.71220  (09012218)
        579325.01   4141696.41      279.15226  (09012218)               579345.01
4141696.41      267.19886  (09012218)
        578385.01   4141716.41      328.90536  (16120718)               578405.01
4141716.41      358.19750  (16120718)
        578425.01   4141716.41      386.03449  (16120718)               578445.01
4141716.41      411.10631  (16120718)
        578465.01   4141716.41      431.96924  (16120718)               578485.01
4141716.41      447.63995  (16120718)
        578505.01   4141716.41      457.26709  (16120718)               578525.01
4141716.41      473.13188  (09122918)
        578605.01   4141716.41      631.82089  (12111618)               578625.01
4141716.41      680.59547  (12111618)
        578645.01   4141716.41      739.49721  (09121117)               578665.01
4141716.41      801.38539  (12010318)
        578685.01   4141716.41      827.10995  (12010318)               578905.01
4141716.41      530.51763  (14020618)
        578925.01   4141716.41      456.28289  (14020618)               578945.01
4141716.41      422.44088  (14121218)
        578965.01   4141716.41      429.92939  (14121218)               578985.01
4141716.41      440.64706  (14121218)
        579005.01   4141716.41      428.28400  (14121218)               579025.01
4141716.41      384.47931  (14121218)
        579045.01   4141716.41      361.00490  (13012318)               579065.01
4141716.41      352.60009  (13012318)
        579085.01   4141716.41      352.22213  (11121618)               579105.01
4141716.41      353.94512  (11121618)
        579125.01   4141716.41      351.44322  (11121618)               579145.01
4141716.41      344.94375  (11121618)
        579165.01   4141716.41      340.93648  (17112518)               579185.01
4141716.41      334.97175  (17112518)
        579205.01   4141716.41      325.85990  (17112518)               579225.01
4141716.41      313.61116  (17112518)
        579245.01   4141716.41      298.42166  (17112518)               579265.01
4141716.41      286.44274  (15110918)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579285.01	4141716.41	276.89623	(09012218)	579305.01	4141716.41	273.63447	(09012218)
579325.01	4141716.41	268.62210	(09012218)	579345.01	4141716.41	261.95880	(09012218)
578385.01	4141736.41	352.98078	(16120718)	578405.01	4141736.41	372.05364	(16120718)
578425.01	4141736.41	387.25333	(16120718)	578445.01	4141736.41	397.47948	(16120718)
578465.01	4141736.41	402.97374	(16011818)	578485.01	4141736.41	421.27070	(09122918)
578505.01	4141736.41	440.62770	(09122918)	578625.01	4141736.41	677.14313	(09121117)
578645.01	4141736.41	719.93335	(12010318)	578665.01	4141736.41	726.83334	(12010318)
578865.01	4141736.41	647.87093	(12121918)	578885.01	4141736.41	629.40208	(14121218)
578905.01	4141736.41	525.00500	(14121218)	578925.01	4141736.41	443.87298	(14020618)
578945.01	4141736.41	402.61722	(14121218)	578965.01	4141736.41	398.20048	(14121218)
578985.01	4141736.41	404.66682	(14121218)	579005.01	4141736.41	398.91850	(14121218)
579025.01	4141736.41	368.53354	(14121218)	579045.01	4141736.41	338.26637	(13012318)
579065.01	4141736.41	332.59872	(13012318)	579085.01	4141736.41	323.93300	(13012318)
579105.01	4141736.41	317.71984	(11121618)	579125.01			

4141736.41 321.32860 (11121618)
579145.01 4141736.41 321.38768 (11121618) 579165.01
4141736.41 317.82763 (11121618)
579185.01 4141736.41 310.76109 (11121618) 579205.01
4141736.41 308.26674 (17112518)
579225.01 4141736.41 302.66632 (17112518) 579245.01
4141736.41 294.03170 (17112518)
579265.01 4141736.41 282.51356 (17112518) 579285.01
4141736.41 269.12679 (15110918)
579305.01 4141736.41 259.45886 (15110918) 579325.01
4141736.41 248.47163 (09012218)
579345.01 4141736.41 246.57083 (09012218) 578385.01
4141756.41 348.72949 (16120718)
578405.01 4141756.41 355.11213 (16120718) 578425.01
4141756.41 360.23335 (16011818)
578445.01 4141756.41 379.25965 (09122918) 578465.01
4141756.41 393.88890 (09122918)
578485.01 4141756.41 414.77841 (10122417) 578845.01
4141756.41 552.55486 (14103118)
578865.01 4141756.41 566.97527 (12121918) 578885.01
4141756.41 562.07429 (14121218)
578905.01 4141756.41 508.82025 (14121218) 578925.01
4141756.41 436.00964 (14121218)
578945.01 4141756.41 390.46797 (14121218) 578965.01
4141756.41 375.67335 (14121218)
578985.01 4141756.41 376.36174 (14121218) 579005.01
4141756.41 373.03186 (14121218)
579025.01 4141756.41 351.93280 (14121218) 579045.01
4141756.41 318.56412 (13012318)
579065.01 4141756.41 314.16342 (13012318) 579085.01
4141756.41 308.44774 (13012318)
579105.01 4141756.41 299.40234 (13012318) 579125.01
4141756.41 288.36128 (11121618)
579145.01 4141756.41 293.31955 (11121618) 579165.01
4141756.41 295.20622 (11121618)
579185.01 4141756.41 293.84748 (11121618) 579205.01
4141756.41 289.41470 (11121618)
579225.01 4141756.41 283.83122 (17112518) 579245.01
4141756.41 281.02946 (17112518)
579265.01 4141756.41 275.40837 (17112518) 579285.01
4141756.41 267.02205 (17112518)
579305.01 4141756.41 256.05166 (17112518) 579325.01
4141756.41 245.21902 (15110918)
579345.01 4141756.41 236.54578 (15110918) 578385.01
4141776.41 325.67962 (09122918)
578405.01 4141776.41 343.77008 (09122918) 578425.01
4141776.41 355.68873 (09122918)
578445.01 4141776.41 372.61691 (10122417) 578465.01
4141776.41 385.89563 (10122417)
578485.01 4141776.41 407.97762 (12111618) 578825.01

4141776.41 541.96791 (14103118)
  578845.01 4141776.41 498.91929 (14103118) 578865.01
4141776.41 495.97844 (12121918)
  578885.01 4141776.41 490.41096 (14121218) 578905.01
4141776.41 479.75033 (14121218)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	427.99825	(14121218)	578945.01	4141776.41	382.49407	(14121218)
578965.01	4141776.41	360.06196	(14121218)	578985.01	4141776.41	354.51658	(14121218)
579005.01	4141776.41	350.87777	(14121218)	579025.01	4141776.41	335.69697	(14121218)
579045.01	4141776.41	302.98072	(14121218)	579065.01	4141776.41	297.34385	(13012318)
579085.01	4141776.41	293.40339	(13012318)	579105.01	4141776.41	287.45837	(13012318)
579125.01	4141776.41	278.19383	(13012318)	579145.01	4141776.41	264.00125	(13012318)
579165.01	4141776.41	268.73058	(11121618)	579185.01	4141776.41	272.05549	(11121618)
579205.01	4141776.41	272.57668	(11121618)	579225.01	4141776.41	270.08000	(11121618)
579245.01	4141776.41	264.54044	(11121618)	579265.01	4141776.41	260.83057	(17112518)
579285.01	4141776.41	257.69215	(17112518)	579305.01	4141776.41	251.95801	(17112518)
579325.01	4141776.41	243.68304	(17112518)	579345.01	4141776.41	233.17034	(17112518)

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        578405.01   4141796.41      337.71056  (10122417)              578425.01
4141796.41      349.60873  (10122417)
        578445.01   4141796.41      356.20620  (12111618)              578465.01
4141796.41      397.48180  (12111618)
        578805.01   4141796.41      456.61463  (11112817)              578825.01
4141796.41      487.71391  (14103118)
        578845.01   4141796.41      456.14123  (14103118)              578865.01
4141796.41      434.72206  (12121918)
        578885.01   4141796.41      437.31629  (12121918)              578905.01
4141796.41      442.02084  (14121218)
        578925.01   4141796.41      413.87161  (14121218)              578945.01
4141796.41      375.19956  (14121218)
        578965.01   4141796.41      349.05206  (14121218)              578985.01
4141796.41      337.98423  (14121218)
        579005.01   4141796.41      332.44573  (14121218)              579025.01
4141796.41      320.57209  (14121218)
        579045.01   4141796.41      295.09609  (14121218)              579065.01
4141796.41      281.21754  (13012318)
        579085.01   4141796.41      278.86206  (13012318)              579105.01
4141796.41      275.12897  (13012318)
        579125.01   4141796.41      269.07865  (13012318)              579145.01
4141796.41      259.39006  (13012318)
        579165.01   4141796.41      245.07855  (13012318)              579185.01
4141796.41      246.78529  (11121618)
        579205.01   4141796.41      251.38911  (11121618)              579225.01
4141796.41      253.29167  (11121618)
        579245.01   4141796.41      252.49618  (11121618)              579265.01
4141796.41      248.75980  (11121618)
        579285.01   4141796.41      242.36513  (11121618)              579305.01
4141796.41      240.85049  (17112518)
        579325.01   4141796.41      237.34763  (17112518)              579345.01
4141796.41      231.48886  (17112518)
        578445.01   4141816.41      383.26232  (12111618)              578585.01
4141816.41      501.06440  (11112818)
        578605.01   4141816.41      531.01695  (11112818)              578665.01
4141816.41      558.49310  (09010809)
        578685.01   4141816.41      543.85015  (16121017)              578785.01
4141816.41      450.57847  (11112817)
        578805.01   4141816.41      414.41994  (14103118)              578825.01
4141816.41      444.19772  (14103118)
        578845.01   4141816.41      421.20777  (14103118)              578865.01
4141816.41      382.19036  (12121918)
        578885.01   4141816.41      402.39003  (12121918)              578905.01
4141816.41      400.15005  (14121218)
        578925.01   4141816.41      393.57949  (14121218)              578945.01
4141816.41      365.96278  (14121218)
        578965.01   4141816.41      340.35212  (14121218)              578985.01
4141816.41      325.48968  (14121218)
        579005.01   4141816.41      317.43818  (14121218)              579025.01
4141816.41      306.99588  (14121218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S): DEMO1_1D , DEMO1_2D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579045.01	4141816.41	286.62261	(14121218)	579065.01	4141816.41	268.50263	(14020618)
579085.01	4141816.41	264.28365	(13012318)	579105.01	4141816.41	262.53873	(13012318)
579125.01	4141816.41	258.91004	(13012318)	579145.01	4141816.41	252.53701	(13012318)
579165.01	4141816.41	242.55297	(13012318)	579185.01	4141816.41	228.26897	(13012318)
579205.01	4141816.41	227.05178	(11121618)	579225.01	4141816.41	232.59627	(11121618)
579245.01	4141816.41	235.74742	(11121618)	579265.01	4141816.41	236.28652	(11121618)
579285.01	4141816.41	234.21778	(11121618)	579305.01	4141816.41	229.47874	(11121618)
579325.01	4141816.41	224.80393	(17112518)	579345.01	4141816.41	223.16761	(17112518)
578565.01	4141836.41	466.38535	(11112818)	578585.01	4141836.41	491.62298	(11112818)
578605.01	4141836.41	514.33937	(09010809)	578625.01	4141836.41	537.75536	(09010809)
578645.01	4141836.41	522.95681	(09010809)	578665.01	4141836.41	510.44203	(16121017)
578685.01	4141836.41	525.03951	(12112718)	578705.01	4141836.41	540.85080	(12112718)
578725.01	4141836.41	533.97469	(09112618)	578765.01	4141836.41	447.30365	(09112618)
578785.01	4141836.41	411.18491	(11112817)	578805.01			

4141836.41 383.13697 (14103118)
578825.01 4141836.41 408.50315 (14103118) 578845.01
4141836.41 391.80235 (14103118)
578865.01 4141836.41 355.56829 (14103118) 578885.01
4141836.41 368.53768 (12121918)
578905.01 4141836.41 357.64896 (14121218) 578925.01
4141836.41 368.59855 (14121218)
578945.01 4141836.41 353.53479 (14121218) 578965.01
4141836.41 331.99303 (14121218)
578985.01 4141836.41 315.66141 (14121218) 579005.01
4141836.41 305.32942 (14121218)
579025.01 4141836.41 295.13911 (14121218) 579045.01
4141836.41 278.24381 (14121218)
579065.01 4141836.41 259.40483 (14020618) 579085.01
4141836.41 249.97170 (14020618)
579105.01 4141836.41 249.33238 (13012318) 579125.01
4141836.41 247.95296 (13012318)
579145.01 4141836.41 244.25021 (13012318) 579165.01
4141836.41 237.62849 (13012318)
579185.01 4141836.41 227.41364 (13012318) 579205.01
4141836.41 213.29962 (13012318)
579225.01 4141836.41 209.04533 (11121618) 579245.01
4141836.41 215.46657 (11121618)
579265.01 4141836.41 219.58886 (11121618) 579285.01
4141836.41 221.31055 (11121618)
579305.01 4141836.41 220.58053 (11121618) 579325.01
4141836.41 217.37805 (11121618)
579345.01 4141836.41 211.67719 (11121618) 578565.01
4141856.41 457.33085 (11112818)
578585.01 4141856.41 476.05175 (09010809) 578605.01
4141856.41 500.46933 (09010809)
578625.01 4141856.41 491.03640 (09010809) 578645.01
4141856.41 478.62110 (16121017)
578665.01 4141856.41 471.91340 (12112718) 578685.01
4141856.41 504.81810 (12112718)
578705.01 4141856.41 497.03671 (09112618) 578725.01
4141856.41 492.28174 (09112618)
578745.01 4141856.41 451.93049 (09112618) 578765.01
4141856.41 394.18119 (09112618)
578785.01 4141856.41 376.89875 (11112817) 578805.01
4141856.41 356.51250 (14103118)
578825.01 4141856.41 378.64725 (14103118) 578845.01
4141856.41 366.52676 (14103118)
578865.01 4141856.41 337.11566 (14103118) 578885.01
4141856.41 336.69370 (12121918)
578905.01 4141856.41 337.80169 (12121918) 578925.01
4141856.41 340.73346 (14121218)
578945.01 4141856.41 337.84312 (14121218) 578965.01
4141856.41 322.64213 (14121218)
578985.01 4141856.41 307.14617 (14121218) 579005.01

4141856.41   295.51125 (14121218)
        579025.01   4141856.41   284.97705 (14121218)   579045.01
4141856.41   270.27910 (14121218)
        579065.01   4141856.41   251.07559 (14020618)   579085.01
4141856.41   243.16290 (14020618)
        579105.01   4141856.41   234.79280 (13012318)   579125.01
4141856.41   235.97317 (13012318)
        579145.01   4141856.41   234.70383 (13012318)   579165.01
4141856.41   230.88187 (13012318)
        579185.01   4141856.41   224.05176 (13012318)   579205.01
4141856.41   213.78349 (13012318)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14 ***
                                   INCLUDING SOURCE(S):   DEMO1_1D   , DEMO1_2D
,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579225.01   4141856.41   199.79322 (13012318)   579245.01
4141856.41   193.33880 (16112618)
        579265.01   4141856.41   199.69658 (11121618)   579285.01
4141856.41   204.60148 (11121618)
        579305.01   4141856.41   207.32362 (11121618)   579325.01
4141856.41   207.79871 (11121618)
        579345.01   4141856.41   205.90175 (11121618)   578545.01
4141876.41   426.81953 (11112818)
        578565.01   4141876.41   442.23983 (09010809)   578585.01
4141876.41   467.17985 (09010809)
        578605.01   4141876.41   462.08500 (09010809)   578625.01
4141876.41   448.38119 (16121017)
        578645.01   4141876.41   436.12205 (16121017)   578665.01
4141876.41   465.58861 (12112718)
        578685.01   4141876.41   473.72538 (12112718)   578705.01
4141876.41   470.21478 (09112618)

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        578725.01   4141876.41      449.49926  (09112618)              578745.01
4141876.41      403.32242  (09112618)
        578765.01   4141876.41      366.15160  (11112817)              578785.01
4141876.41      346.62803  (11112817)
        578805.01   4141876.41      333.54586  (14103118)              578825.01
4141876.41      353.30617  (14103118)
        578845.01   4141876.41      344.47636  (14103118)              578865.01
4141876.41      320.12208  (14103118)
        578885.01   4141876.41      307.14819  (12121918)              578905.01
4141876.41      317.59376  (12121918)
        578925.01   4141876.41      311.64255  (14121218)              578945.01
4141876.41      319.46677  (14121218)
        578965.01   4141876.41      311.64894  (14121218)              578985.01
4141876.41      298.84661  (14121218)
        579005.01   4141876.41      287.09645  (14121218)              579025.01
4141876.41      276.30336  (14121218)
        579045.01   4141876.41      262.95064  (14121218)              579065.01
4141876.41      243.30926  (14121218)
        579085.01   4141876.41      236.56374  (14020618)              579105.01
4141876.41      227.27703  (14020618)
        579125.01   4141876.41      222.62478  (13012318)              579145.01
4141876.41      223.87937  (13012318)
        579165.01   4141876.41      222.63555  (13012318)              579185.01
4141876.41      218.66016  (13012318)
        579205.01   4141876.41      211.65752  (13012318)              579225.01
4141876.41      201.30438  (13012318)
        579245.01   4141876.41      187.67394  (13012318)              579265.01
4141876.41      181.81234  (16112618)
        579285.01   4141876.41      185.10588  (11121618)              579305.01
4141876.41      190.75464  (11121618)
        579325.01   4141876.41      194.35871  (11121618)              579345.01
4141876.41      195.78798  (11121618)
        578545.01   4141896.41      412.07137  (09010809)              578565.01
4141896.41      437.25691  (09010809)
        578585.01   4141896.41      435.71634  (09010809)              578605.01
4141896.41      419.77293  (16121017)
        578625.01   4141896.41      415.46380  (16121017)              578645.01
4141896.41      424.86956  (12112718)
        578665.01   4141896.41      447.18157  (12112718)              578685.01
4141896.41      439.41943  (09112618)
        578705.01   4141896.41      438.65803  (09112618)              578725.01
4141896.41      407.33931  (09112618)
        578745.01   4141896.41      360.68314  (16120918)              578765.01
4141896.41      341.18970  (11112817)
        578785.01   4141896.41      319.55983  (11112817)              578805.01
4141896.41      313.60756  (14103118)
        578825.01   4141896.41      331.38379  (14103118)              578845.01
4141896.41      324.97350  (14103118)
        578865.01   4141896.41      304.45372  (14103118)              578885.01
4141896.41      280.13483  (12121918)
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        578905.01   4141896.41      297.43766  (12121918)               578925.01
4141896.41      293.42825  (12121918)
        578945.01   4141896.41      299.12594  (14121218)               578965.01
4141896.41      298.79816  (14121218)
        578985.01   4141896.41      290.08236  (14121218)               579005.01
4141896.41      279.46242  (14121218)
        579025.01   4141896.41      268.76990  (14121218)               579045.01
4141896.41      256.28432  (14121218)
        579065.01   4141896.41      239.13221  (14121218)               579085.01
4141896.41      229.95269  (14020618)
        579105.01   4141896.41      222.44429  (14020618)               579125.01
4141896.41      211.55947  (14020618)
        579145.01   4141896.41      211.56864  (13012318)               579165.01
4141896.41      212.89641  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 808
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579185.01   4141896.41      211.56679  (13012318)               579205.01
4141896.41      207.44318  (13012318)
        579225.01   4141896.41      200.24637  (13012318)               579245.01
4141896.41      189.91450  (13012318)
        579265.01   4141896.41      176.66367  (13012318)               579285.01
4141896.41      171.16700  (16112618)
        579305.01   4141896.41      172.62879  (16112618)               579325.01
4141896.41      177.88287  (11121618)
        579345.01   4141896.41      182.15512  (11121618)               578565.01
4141916.41      411.61974  (09010809)
        578585.01   4141916.41      392.68505  (16121017)               578605.01
4141916.41      395.02604  (16121017)
        578625.01   4141916.41      384.27629  (12112718)               578645.01
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4141916.41 417.31571 (12112718)
578665.01 4141916.41 419.93646 (12112718) 578685.01
4141916.41 419.47390 (09112618)
578705.01 4141916.41 404.72739 (09112618) 578725.01
4141916.41 366.70580 (09112618)
578745.01 4141916.41 326.60907 (14120418) 578765.01
4141916.41 318.09411 (11112817)
578785.01 4141916.41 295.07559 (11112817) 578805.01
4141916.41 296.06433 (14103118)
578825.01 4141916.41 312.23414 (14103118) 578845.01
4141916.41 307.56324 (14103118)
578865.01 4141916.41 289.92947 (14103118) 578885.01
4141916.41 267.03347 (14103118)
578905.01 4141916.41 277.69896 (12121918) 578925.01
4141916.41 280.05078 (12121918)
578945.01 4141916.41 277.71453 (14121218) 578965.01
4141916.41 284.25542 (14121218)
578985.01 4141916.41 280.34443 (14121218) 579005.01
4141916.41 271.88710 (14121218)
579025.01 4141916.41 261.97398 (14121218) 579045.01
4141916.41 250.31928 (14121218)
579065.01 4141916.41 234.95106 (14121218) 579085.01
4141916.41 223.05258 (14020618)
579105.01 4141916.41 217.31124 (14020618) 579125.01
4141916.41 208.51061 (14020618)
579145.01 4141916.41 197.49417 (13012318) 579165.01
4141916.41 201.54709 (13012318)
579185.01 4141916.41 202.84262 (13012318) 578386.27
4141125.26 205.17187 (12010309)
578406.27 4141125.26 202.71050 (11122717) 578426.27
4141125.26 199.10076 (11122717)
578446.27 4141125.26 193.15396 (11122717) 578466.27
4141125.26 184.65837 (11122717)
578486.27 4141125.26 189.74116 (16020318) 578506.27
4141125.26 195.93277 (16020318)
578526.27 4141125.26 198.38431 (16020318) 578546.27
4141125.26 199.63881 (14112017)
578566.27 4141125.26 224.03039 (14112017) 578586.27
4141125.26 238.70048 (14112017)
578606.27 4141125.26 249.71661 (09012117) 578626.27
4141125.26 264.56211 (09012117)
578646.27 4141125.26 268.06405 (09012117) 578666.27
4141125.26 264.62286 (09012117)
578686.27 4141125.26 267.30670 (14121217) 578706.27
4141125.26 268.34086 (14121217)
578726.27 4141125.26 264.69001 (11010818) 578746.27
4141125.26 280.70232 (11010818)
578766.27 4141125.26 288.76232 (14010318) 578786.27
4141125.26 287.42377 (14010318)
578806.27 4141125.26 292.66460 (16120717) 578826.27

4141125.26   294.10089 (16120717)
        578846.27   4141125.26   297.39204 (09013118)   578866.27
4141125.26   307.65189 (09013118)
        578886.27   4141125.26   308.12528 (10120918)   578906.27
4141125.26   306.98324 (10120918)
        578926.27   4141125.26   311.23064 (09011617)   578946.27
4141125.26   327.77460 (09011617)
        578966.27   4141125.26   334.92679 (09011617)   578986.27
4141125.26   335.33239 (09011617)
        579006.27   4141125.26   337.43759 (16010818)   579026.27
4141125.26   346.66031 (16010818)
        579046.27   4141125.26   353.58572 (10121417)   579066.27
4141125.26   353.55789 (10121417)
        579086.27   4141125.26   349.66796 (11112917)   579106.27
4141125.26   351.78778 (11010718)
        579126.27   4141125.26   357.03362 (12111418)   579146.27
4141125.26   355.33859 (12111418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP14 ***
                                  INCLUDING SOURCE(S):   DEMO1_1D   , DEMO1_2D
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579166.27   4141125.26   362.03781 (09011017)   579186.27
4141125.26   356.55139 (10120217)
        579206.27   4141125.26   355.39159 (12111417)   578386.27
4141145.26   217.58503 (12010309)
        578406.27   4141145.26   214.70907 (12010309)   578426.27
4141145.26   211.36273 (11122717)
        578446.27   4141145.26   208.09117 (11122717)   578466.27
4141145.26   202.26440 (11122717)
        578486.27   4141145.26   195.26150 (11122717)   578506.27
4141145.26   198.82213 (16020318)

578526.27 4141145.26 205.04564 (16020318) 578546.27
4141145.26 206.42827 (16020318)
578566.27 4141145.26 219.45615 (14112017) 578586.27
4141145.26 240.93189 (14112017)
578606.27 4141145.26 252.96173 (14112017) 578626.27
4141145.26 270.46108 (09012117)
578646.27 4141145.26 278.75237 (09012117) 578666.27
4141145.26 276.44119 (09012117)
578686.27 4141145.26 275.57286 (14121217) 578706.27
4141145.26 280.23185 (14121217)
578726.27 4141145.26 273.76734 (14121217) 578746.27
4141145.26 291.49439 (11010818)
578766.27 4141145.26 300.48027 (14010318) 578786.27
4141145.26 299.03214 (14010318)
578806.27 4141145.26 305.11170 (16120717) 578826.27
4141145.26 306.06041 (15010818)
578846.27 4141145.26 311.53943 (09013118) 578866.27
4141145.26 320.08765 (09013118)
578886.27 4141145.26 319.76154 (10120918) 578906.27
4141145.26 317.18360 (13121418)
578926.27 4141145.26 329.42844 (09011617) 578946.27
4141145.26 342.91239 (09011617)
578966.27 4141145.26 348.43604 (09011617) 578986.27
4141145.26 348.31171 (09011617)
579006.27 4141145.26 355.72133 (16010818) 579026.27
4141145.26 361.96631 (16010818)
579046.27 4141145.26 370.55498 (10121417) 579066.27
4141145.26 365.51047 (10121417)
579086.27 4141145.26 366.08608 (11010718) 579106.27
4141145.26 370.15460 (13113018)
579126.27 4141145.26 376.47641 (12111418) 579146.27
4141145.26 380.12397 (09011017)
579166.27 4141145.26 375.59686 (10120217) 579186.27
4141145.26 373.97574 (12111417)
579206.27 4141145.26 367.78782 (12111417) 578723.62
4141929.59 346.80579 (16120918)
578743.62 4141929.59 312.37583 (11112817) 578763.62
4141929.59 304.93459 (11112817)
578783.62 4141929.59 282.09868 (11112817) 578803.62
4141929.59 283.80255 (14103118)
578823.62 4141929.59 300.44960 (14103118) 578843.62
4141929.59 297.82505 (14103118)
578863.62 4141929.59 282.30027 (14103118) 578883.62
4141929.59 260.71962 (14103118)
578903.62 4141929.59 264.05262 (12121918) 578923.62
4141929.59 271.09105 (12121918)
578943.62 4141929.59 265.32875 (12121918) 578963.62
4141929.59 273.64148 (14121218)
578983.62 4141929.59 273.58534 (14121218) 579003.62
4141929.59 267.29003 (14121218)

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        579023.62   4141929.59      258.34243  (14121218)                579043.62
4141929.59      247.49255  (14121218)
        579063.62   4141929.59      233.43236  (14121218)                579083.62
4141929.59      218.49337  (14020618)
        579103.62   4141929.59      214.01417  (14020618)                579123.62
4141929.59      206.75685  (14020618)
        579143.62   4141929.59      196.18983  (14020618)                579163.62
4141929.59      192.88971  (13012318)
        579183.62   4141929.59      196.10976  (13012318)                578725.67
4141942.60      323.04337  (16120918)
        578745.67   4141942.60      301.11363  (11112817)                578765.67
4141942.60      289.66175  (11112817)
        578785.67   4141942.60      269.21162  (14010809)                578805.67
4141942.60      276.90092  (14103118)
        578825.67   4141942.60      290.61687  (14103118)                578845.67
4141942.60      286.99797  (14103118)
        578865.67   4141942.60      271.84843  (14103118)                578885.67
4141942.60      250.82130  (14103118)
        578905.67   4141942.60      253.62546  (12121918)                578925.67
4141942.60      262.05380  (12121918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 810
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP14  ***
                                    INCLUDING SOURCE(S):     DEMO1_1D    , DEMO1_2D
,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578945.67   4141942.60      258.18761  (12121918)                578965.67
4141942.60      263.59331  (14121218)
        578985.67   4141942.60      265.78489  (14121218)                579005.67
4141942.60      261.16672  (14121218)
        579025.67   4141942.60      253.12316  (14121218)                579045.67
4141942.60      242.72185  (14121218)
        579065.67   4141942.60      229.18678  (14121218)                579085.67
```

4141942.60 213.12727 (14020618)
579105.67 4141942.60 209.61459 (14020618) 579125.67
4141942.60 203.29828 (14020618)
579145.67 4141942.60 193.76820 (14020618) 579165.67
4141942.60 184.41786 (13012318)
579185.67 4141942.60 189.06406 (13012318) 578745.52
4141955.60 290.03465 (11112817)
578765.52 4141955.60 276.88091 (11112817) 578785.52
4141955.60 258.82110 (14010809)
578805.52 4141955.60 267.81444 (14103118) 578825.52
4141955.60 280.89728 (14103118)
578845.52 4141955.60 277.97390 (14103118) 578865.52
4141955.60 263.92535 (14103118)
578885.52 4141955.60 243.80061 (14103118) 578905.52
4141955.60 241.94127 (12121918)
578925.52 4141955.60 253.12518 (12121918) 578945.52
4141955.60 251.92921 (12121918)
578965.52 4141955.60 252.74236 (14121218) 578985.52
4141955.60 258.00156 (14121218)
579005.52 4141955.60 255.62302 (14121218) 579025.52
4141955.60 248.91656 (14121218)
579045.52 4141955.60 239.39261 (14121218) 579065.52
4141955.60 226.82656 (14121218)
579085.52 4141955.60 210.19858 (14121218) 579105.52
4141955.60 205.59827 (14020618)
579125.52 4141955.60 200.56090 (14020618) 579145.52
4141955.60 192.38449 (14020618)
579165.52 4141955.60 181.00961 (14020618) 579185.52
4141955.60 181.23336 (13012318)
578785.22 4141971.34 247.06559 (14010809) 578805.22
4141971.34 257.50051 (14103118)
578825.22 4141971.34 269.97174 (14103118) 578845.22
4141971.34 267.76237 (14103118)
578865.22 4141971.34 254.90155 (14103118) 578885.22
4141971.34 235.81472 (14103118)
578905.22 4141971.34 228.22883 (12121918) 578925.22
4141971.34 242.28396 (12121918)
578945.22 4141971.34 244.13898 (12121918) 578965.22
4141971.34 239.23573 (14121218)
578985.22 4141971.34 248.02235 (14121218) 579005.22
4141971.34 248.47726 (14121218)
579025.22 4141971.34 243.64837 (14121218) 579045.22
4141971.34 235.37595 (14121218)
579065.22 4141971.34 223.97926 (14121218) 579085.22
4141971.34 208.85023 (14121218)
579105.22 4141971.34 200.27753 (14020618) 579125.22
4141971.34 196.83525 (14020618)
579145.22 4141971.34 190.30566 (14020618) 579165.22
4141971.34 180.68169 (14020618)
579185.22 4141971.34 170.66231 (13012318) 578790.01

4141986.40   232.37040 (14010809)
        578810.01   4141986.40   252.82306 (14103118)   578830.01
4141986.40   261.02323 (14103118)
        578850.01   4141986.40   256.35872 (14103118)   578870.01
4141986.40   242.58271 (14103118)
        578890.01   4141986.40   223.17647 (14103118)   578910.01
4141986.40   221.05467 (12121918)
        578930.01   4141986.40   234.10416 (12121918)   578950.01
4141986.40   236.16728 (12121918)
        578970.01   4141986.40   230.99524 (12121918)   578990.01
4141986.40   239.51132 (14121218)
        579010.01   4141986.40   240.90276 (14121218)   579030.01
4141986.40   236.88503 (14121218)
        579050.01   4141986.40   229.12882 (14121218)   579070.01
4141986.40   218.04384 (14121218)
        579090.01   4141986.40   203.28970 (14121218)   579110.01
4141986.40   194.46431 (14020618)
        579130.01   4141986.40   191.79851 (14020618)   579150.01
4141986.40   186.10547 (14020618)
        579170.01   4141986.40   177.23213 (14020618)   579190.01
4141986.40   165.34548 (14020618)
        578810.54   4142001.46   244.70537 (14103118)   578830.54
4142001.46   252.07818 (14103118)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP14 ***
INCLUDING SOURCE(S):   DEMO1_1D   , DEMO1_2D
,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
        578850.54   4142001.46   247.53125 (14103118)   578870.54
4142001.46   234.33691 (14103118)
        578890.54   4142001.46   215.50566 (14103118)   578910.54
4142001.46   210.28996 (12121918)

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        578930.54   4142001.46      224.90921  (12121918)                578950.54
4142001.46      228.95377  (12121918)
        578970.54   4142001.46      225.47322  (12121918)                578990.54
4142001.46      230.10908  (14121218)
        579010.54   4142001.46      233.75030  (14121218)                579030.54
4142001.46      231.46829  (14121218)
        579050.54   4142001.46      224.97071  (14121218)                579070.54
4142001.46      214.94788  (14121218)
        579090.54   4142001.46      201.36260  (14121218)                579110.54
4142001.46      188.68000  (14020618)
        579130.54   4142001.46      187.53226  (14020618)                579150.54
4142001.46      183.25680  (14020618)
        579170.54   4142001.46      175.88299  (14020618)                579190.54
4142001.46      165.43654  (14020618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 812
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578385.01   4141176.41       74.58113  (12010309)                578405.01
4141176.41       80.41503  (12010309)
        578425.01   4141176.41       85.60885  (12010309)                578445.01
4141176.41       89.73725  (12010309)
        578465.01   4141176.41       93.91797  (12010309)                578485.01
4141176.41       96.60609  (12010309)
        578505.01   4141176.41       85.06758  (12010309)                578525.01
4141176.41       85.88798  (12010309)
        578545.01   4141176.41       85.67818  (12010309)                578565.01
4141176.41       84.65944  (11122717)
        578585.01   4141176.41       83.95548  (11122717)                578605.01
4141176.41       81.90695  (11122717)
        578625.01   4141176.41       81.95142  (16020318)                578645.01
4141176.41       85.78255  (16020318)
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        578665.01   4141176.41       88.28460  (16020318)              578685.01
4141176.41       94.77909  (14112017)
        578705.01   4141176.41      103.23700  (14112017)              578725.01
4141176.41      110.48156  (13111917)
        578745.01   4141176.41      120.81172  (09012117)              578765.01
4141176.41      129.43326  (09012117)
        578785.01   4141176.41      134.81951  (09012117)              578805.01
4141176.41      136.09752  (09012117)
        578825.01   4141176.41      135.48159  (14121217)              578845.01
4141176.41      140.67266  (14121217)
        578865.01   4141176.41      140.38601  (14121217)              578885.01
4141176.41      141.83554  (11010818)
        578905.01   4141176.41      146.36764  (14010318)              578925.01
4141176.41      147.35201  (14010318)
        578945.01   4141176.41      149.60871  (16120717)              578965.01
4141176.41      151.30667  (10010917)
        578985.01   4141176.41      152.69739  (14122017)              579005.01
4141176.41      153.52937  (14122017)
        579025.01   4141176.41      150.98480  (13121418)              579045.01
4141176.41      149.50515  (16110418)
        579065.01   4141176.41      148.00693  (16110418)              579085.01
4141176.41      147.07981  (09012317)
        579105.01   4141176.41      148.37481  (09012317)              579125.01
4141176.41      143.09645  (09012317)
        579145.01   4141176.41      142.50594  (10121417)              579165.01
4141176.41      137.56242  (11112917)
        579185.01   4141176.41      133.03623  (11112917)              579205.01
4141176.41      130.20427  (12111418)
        579225.01   4141176.41      128.76156  (09011017)              578385.01
4141196.41       69.90619  (12010309)
        578405.01   4141196.41       76.61916  (12010309)              578425.01
4141196.41       82.93976  (12010309)
        578445.01   4141196.41       89.00650  (12010309)              578465.01
4141196.41       94.38107  (12010309)
        578485.01   4141196.41       85.42103  (12010309)              578505.01
4141196.41       88.50283  (12010309)
        578525.01   4141196.41       90.76729  (12010309)              578545.01
4141196.41       91.99341  (12010309)
        578565.01   4141196.41       92.00804  (12010309)              578585.01
4141196.41       90.78352  (11122717)
        578605.01   4141196.41       90.11368  (11122717)              578625.01
4141196.41       87.86824  (11122717)
        578645.01   4141196.41       88.25807  (16020318)              578665.01
4141196.41       92.45073  (16020318)
        578685.01   4141196.41       95.04082  (16020318)              578705.01
4141196.41      104.17092  (14112017)
        578725.01   4141196.41      113.22127  (14112017)              578745.01
4141196.41      122.31792  (09012117)
        578765.01   4141196.41      133.54996  (09012117)              578785.01
4141196.41      141.66312  (09012117)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578805.01	4141196.41	145.56172	(09012117)	578825.01	4141196.41	144.45772	(09012117)
578845.01	4141196.41	148.94231	(14121217)	578865.01	4141196.41	150.96795	(14121217)
578885.01	4141196.41	149.96120	(11010818)	578905.01	4141196.41	155.52572	(14010318)
578925.01	4141196.41	158.01459	(14010318)	578945.01	4141196.41	159.50331	(16120717)
578965.01	4141196.41	161.68864	(10010917)	578985.01	4141196.41	163.32995	(14122017)
579005.01	4141196.41	164.25100	(14122017)	579025.01	4141196.41	161.44535	(13121418)
579045.01	4141196.41	160.35119	(16110418)	579065.01	4141196.41	158.76878	(13122818)
579085.01	4141196.41	158.61511	(09012317)	579105.01	4141196.41	157.91124	(09012317)
579125.01	4141196.41	153.60922	(10121417)	579145.01	4141196.41	150.95490	(10121417)
579165.01	4141196.41	145.86277	(11112917)	579185.01	4141196.41	139.95598	(13113018)
579205.01	4141196.41	138.73769	(12111418)	579225.01	4141196.41	138.03918	(09011017)
579245.01	4141196.41	134.50722	(09011017)	578385.01	4141216.41	63.98931	(12010309)
578405.01	4141216.41	71.21193	(12010309)	578425.01	4141216.41	78.54736	(12010309)
578445.01	4141216.41	85.81587	(12010309)	578465.01	4141216.41	92.59931	(12010309)

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        578485.01   4141216.41       86.15053  (12010309)               578505.01
4141216.41       90.55885  (12010309)
        578525.01   4141216.41       94.32820  (12010309)               578545.01
4141216.41       97.11525  (12010309)
        578565.01   4141216.41       98.81325  (12010309)               578585.01
4141216.41       99.12880  (12010309)
        578605.01   4141216.41       97.90940  (12010309)               578625.01
4141216.41       97.08576  (11122717)
        578645.01   4141216.41       94.80613  (11122717)               578665.01
4141216.41       95.47147  (16020318)
        578685.01   4141216.41       99.92606  (16020318)               578705.01
4141216.41      103.97154  (14112017)
        578725.01   4141216.41      114.95979  (14112017)               578745.01
4141216.41      124.39055  (14112017)
        578765.01   4141216.41      136.55746  (09012117)               578785.01
4141216.41      147.76400  (09012117)
        578805.01   4141216.41      154.74979  (09012117)               578825.01
4141216.41      156.37291  (09012117)
        578845.01   4141216.41      157.19609  (14121217)               578925.01
4141216.41      169.76086  (14010318)
        578945.01   4141216.41      170.42514  (16120717)               578965.01
4141216.41      173.54537  (16120717)
        578985.01   4141216.41      175.46591  (14122017)               579005.01
4141216.41      176.44145  (14122017)
        579025.01   4141216.41      173.11241  (13121418)               579045.01
4141216.41      172.37330  (16110418)
        579065.01   4141216.41      170.59671  (13122818)               579085.01
4141216.41      171.11953  (09012317)
        579105.01   4141216.41      167.90088  (09012317)               579125.01
4141216.41      164.92618  (10121417)
        579145.01   4141216.41      159.32528  (10121417)               579165.01
4141216.41      153.72552  (11112917)
        579185.01   4141216.41      150.14758  (12111418)               579205.01
4141216.41      148.79924  (09011017)
        579225.01   4141216.41      146.58224  (09011017)               579245.01
4141216.41      139.68136  (09011017)
        578385.01   4141236.41       67.30074  (09110418)               578405.01
4141236.41       66.08138  (09110418)
        578425.01   4141236.41       72.45404  (12010309)               578445.01
4141236.41       80.52365  (12010309)
        578465.01   4141236.41       88.60827  (12010309)               578485.01
4141236.41       85.15819  (12010309)
        578505.01   4141236.41       90.93762  (12010309)               578525.01
4141236.41       96.19093  (12010309)
        578545.01   4141236.41      100.68969  (12010309)               578565.01
4141236.41      104.16288  (12010309)
        578585.01   4141236.41      106.45310  (12010309)               578605.01
4141236.41      107.15412  (12010309)
        578625.01   4141236.41      106.12397  (12010309)               578645.01
4141236.41      105.01935  (11122717)
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        578665.01   4141236.41      102.59762  (11122717)                578685.01
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        578705.01   4141236.41      108.34359  (16020318)                578725.01
4141236.41      115.41720  (14112017)
        578745.01   4141236.41      127.38796  (14112017)                578765.01
4141236.41      138.16038  (09012117)
        578785.01   4141236.41      152.73782  (09012117)                578805.01
4141236.41      163.34808  (09012117)
        578825.01   4141236.41      168.45722  (09012117)                578945.01
4141236.41      182.65670  (16120717)
        578965.01   4141236.41      187.10713  (16120717)                578985.01
4141236.41      189.15154  (14122017)
        579005.01   4141236.41      190.15843  (14122017)                579025.01
4141236.41      186.26735  (13121418)
        579045.01   4141236.41      185.76519  (16110418)                579065.01
4141236.41      183.53150  (13122818)
        579085.01   4141236.41      184.67559  (09012317)                579105.01
4141236.41      178.24241  (09012317)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579125.01   4141236.41      176.59436  (10121417)                579145.01
4141236.41      169.88165  (11112917)
        579165.01   4141236.41      162.56090  (13113018)                579185.01
4141236.41      160.74611  (12111418)
        579205.01   4141236.41      159.86672  (09011017)                579225.01
4141236.41      153.80173  (09011017)
        579245.01   4141236.41      148.19737  (12111417)                578385.01
4141256.41       73.44356  (09110418)
        578405.01   4141256.41       73.26744  (09110418)                578425.01
4141256.41       65.11207  (09110418)
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        578445.01   4141256.41       68.92983  (12010309)              578465.01
4141256.41       75.66927  (12010309)
        578485.01   4141256.41       82.56819  (12010309)              578505.01
4141256.41       89.45422  (12010309)
        578525.01   4141256.41       96.10041  (12010309)              578545.01
4141256.41      102.26561  (12010309)
        578565.01   4141256.41      107.71412  (12010309)              578585.01
4141256.41      112.07904  (12010309)
        578605.01   4141256.41      115.04094  (12010309)              578625.01
4141256.41      116.27425  (12010309)
        578645.01   4141256.41      115.50128  (12010309)              578665.01
4141256.41      114.04099  (11122717)
        578685.01   4141256.41      111.54350  (11122717)              578705.01
4141256.41      113.01539  (16020318)
        578725.01   4141256.41      118.01480  (16020318)              578745.01
4141256.41      128.78042  (14112017)
        578765.01   4141256.41      141.56719  (14112017)              578785.01
4141256.41      156.14293  (09012117)
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4141256.41      202.59582  (16120717)
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        579065.01   4141256.41      197.96508  (09012317)              579085.01
4141256.41      199.26016  (09012317)
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4141256.41      188.36479  (10121417)
        579145.01   4141256.41      180.58507  (11112917)              579165.01
4141256.41      175.97422  (12111418)
        579185.01   4141256.41      174.51833  (09011017)              579205.01
4141256.41      169.77829  (09011017)
        579225.01   4141256.41      162.13233  (12111417)              579245.01
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        579265.01   4141256.41      144.53133  (12111417)              578385.01
4141276.41       67.35983  (09110418)
        578405.01   4141276.41       79.07836  (09110418)              578425.01
4141276.41       69.99839  (09110418)
        578445.01   4141276.41       70.88647  (09110418)              578465.01
4141276.41       71.26468  (09110418)
        578485.01   4141276.41       78.24737  (12010309)              578505.01
4141276.41       86.02102  (12010309)
        578525.01   4141276.41       93.87453  (12010309)              578545.01
4141276.41      101.55870  (12010309)
        578565.01   4141276.41      108.85399  (12010309)              578585.01
4141276.41      115.46552  (12010309)
        578605.01   4141276.41      120.91001  (12010309)              578625.01
4141276.41      124.77295  (12010309)
        578645.01   4141276.41      126.71531  (12010309)              578665.01
4141276.41      126.32085  (12010309)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578725.01	4141276.41	123.79152	(16020318)	578745.01	4141276.41	129.06948	(16020318)
578765.01	4141276.41	144.52636	(14112017)	578785.01	4141276.41	158.14853	(14112017)
578985.01	4141276.41	222.42667	(14122017)	579005.01	4141276.41	223.68075	(14122017)
579025.01	4141276.41	218.17904	(13121418)	579045.01	4141276.41	217.69490	(16110418)
579065.01	4141276.41	217.35571	(09012317)	579085.01	4141276.41	214.75151	(09012317)
579105.01	4141276.41	210.11233	(10121417)	579125.01	4141276.41	201.54194	(11112917)
579145.01	4141276.41	192.35041	(13113018)	579165.01	4141276.41	190.36771	(09011017)
579185.01	4141276.41	187.88674	(09011017)	579205.01	4141276.41	178.02490	(12111417)
579225.01	4141276.41	171.70327	(12111417)	579245.01	4141276.41	160.06792	(12111417)
579265.01	4141276.41	151.20223	(17121318)	578385.01	4141296.41	80.54155	(09110418)
578405.01	4141296.41	71.79356	(09110418)	578425.01	4141296.41	73.77819	(09110418)
578445.01	4141296.41	75.59902	(09110418)	578465.01	4141296.41	77.07826	(09110418)
578485.01	4141296.41	78.08436	(09110418)	578505.01	4141296.41	80.78794	(12010309)

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        578525.01   4141296.41       89.54391  (12010309)              578545.01
4141296.41       98.51702  (12010309)
        578565.01   4141296.41      107.45286  (12010309)              578585.01
4141296.41      116.10764  (12010309)
        578605.01   4141296.41      124.06881  (12010309)              578625.01
4141296.41      130.85710  (12010309)
        578645.01   4141296.41      135.87427  (12010309)              578665.01
4141296.41      138.71620  (12010309)
        578685.01   4141296.41      138.87067  (12010309)              578705.01
4141296.41      136.58662  (11122717)
        578725.01   4141296.41      133.71070  (11122717)              578745.01
4141296.41      136.43304  (16020318)
        579005.01   4141296.41      244.40918  (14122017)              579025.01
4141296.41      238.55497  (16110418)
        579045.01   4141296.41      237.91489  (13122818)              579065.01
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        579085.01   4141296.41      231.15210  (09012317)              579105.01
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        579125.01   4141296.41      216.75225  (11112917)              579145.01
4141296.41      210.40853  (12111418)
        579165.01   4141296.41      208.33900  (09011017)              579185.01
4141296.41      199.30272  (09011017)
        579205.01   4141296.41      190.72756  (12111417)              579225.01
4141296.41      178.40305  (12111417)
        579245.01   4141296.41      167.00004  (17121318)              579265.01
4141296.41      161.30772  (13110618)
        579285.01   4141296.41      153.28893  (13110618)              578385.01
4141316.41       69.89300  (09110418)
        578405.01   4141316.41       73.02491  (09110418)              578425.01
4141316.41       76.24911  (09110418)
        578445.01   4141316.41       78.97261  (09110418)              578465.01
4141316.41       81.46111  (09110418)
        578485.01   4141316.41       83.67924  (09110418)              578505.01
4141316.41       85.44171  (09110418)
        578525.01   4141316.41       86.61682  (09110418)              578545.01
4141316.41       93.08856  (12010309)
        578565.01   4141316.41      103.37535  (12010309)              578585.01
4141316.41      113.78449  (12010309)
        578605.01   4141316.41      124.04143  (12010309)              578625.01
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        578645.01   4141316.41      142.09310  (12010309)              578665.01
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        578685.01   4141316.41      152.66652  (12010309)              578705.01
4141316.41      153.56782  (12010309)
        578725.01   4141316.41      150.88230  (11122717)              579025.01
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        579045.01   4141316.41      262.04537  (13122818)              579065.01
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        579085.01   4141316.41      255.38739  (10121417)              579105.01
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        579125.01   4141316.41      233.19813  (12111418)               579145.01
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4141316.41      213.16018  (12111417)
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4141316.41      185.87362  (17121318)
        579245.01   4141316.41      178.57521  (13110618)               579265.01
4141316.41      169.07364  (13110618)
        579285.01   4141316.41      156.76145  (15011018)               578385.01
4141336.41       68.96719  (09110418)
        578405.01   4141336.41       72.80497  (09110418)               578425.01
4141336.41       76.64230  (09110418)
        578445.01   4141336.41       80.51664  (09110418)               578465.01
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        578485.01   4141336.41       87.55466  (09110418)               578505.01
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        578525.01   4141336.41       93.36241  (09110418)               578545.01
4141336.41       95.48766  (09110418)
        578565.01   4141336.41       96.82965  (09110418)               578585.01
4141336.41      108.31038  (12010309)
        578605.01   4141336.41      120.46729  (12010309)               578625.01
4141336.41      132.65463  (12010309)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578645.01   4141336.41      144.29434  (12010309)               578665.01
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        579145.01   4141336.41      254.42588  (09011017)               579165.01
4141336.41      239.80294  (12111417)
        579185.01   4141336.41      226.77557  (12111417)               579205.01
4141336.41      208.64063  (17121318)
        579225.01   4141336.41      199.32985  (13110618)               579245.01
4141336.41      187.89790  (13110618)
        579265.01   4141336.41      173.12437  (15011018)               579285.01
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        578385.01   4141356.41       68.27921  (16030918)               578405.01
4141356.41       70.91606  (09110418)
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        578465.01   4141356.41       84.66769  (09110418)               578485.01
4141356.41       89.44948  (09110418)
        578505.01   4141356.41       93.87788  (09110418)               578525.01
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        578545.01   4141356.41      101.81894  (09110418)               578565.01
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        579105.01   4141356.41      292.05920  (12111418)               579125.01
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        579145.01   4141356.41      274.65852  (09011017)               579165.01
4141356.41      259.15428  (12111417)
        579185.01   4141356.41      236.66489  (17121318)               579205.01
4141356.41      224.61118  (13110618)
        579225.01   4141356.41      210.66026  (13110618)               579245.01
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        579305.01   4141356.41      133.61293  (15011018)               578385.01
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        578405.01   4141376.41       72.62977  (16030918)               578425.01
4141376.41       75.56013  (16030918)
        578445.01   4141376.41       78.47409  (16030918)               578465.01
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4141376.41       94.22006  (09110418)
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        578525.01   4141376.41      100.00699  (09110418)                578545.01
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4141376.41      115.55447  (09110418)
        578605.01   4141376.41      119.68781  (09110418)                578625.01
4141376.41      122.88047  (09110418)
        578645.01   4141376.41      134.88473  (12010309)                578665.01
4141376.41      152.21993  (12010309)
        578685.01   4141376.41      169.67943  (12010309)                579005.01
4141376.41      376.10396  (10120918)
        579025.01   4141376.41      369.76036  (16110418)                579045.01
4141376.41      370.17246  (09012317)
        579065.01   4141376.41      361.21563  (10121417)                579085.01
4141376.41      342.07764  (11112917)
        579105.01   4141376.41      328.57431  (09011017)                579125.01
4141376.41      319.64532  (09011017)
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4141376.41      272.12940  (12111417)
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4141376.41      238.65495  (13110618)
        579225.01   4141376.41      216.46425  (15011018)                579245.01
4141376.41      192.64117  (15011018)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141396.41       79.10964  (14120118)
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4141396.41      105.62446  (09110418)
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        578645.01   4141396.41      138.01407  (09110418)               578665.01
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        579005.01   4141396.41      429.41768  (10120918)               579025.01
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        579165.01   4141396.41      295.86682  (13110618)               579185.01
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4141396.41      215.69948  (15011018)
        579245.01   4141396.41      184.95971  (15011018)               579265.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 818
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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        578465.01   4141456.41      102.60173  (14120118)              578485.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

                                    PAGE 819
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 820
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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4141616.41 188.65439 (13012417)

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        578685.01   4141616.41      203.66411  (13012417)                578705.01
4141616.41      221.15773  (17121418)
        578725.01   4141616.41      241.39220  (17121418)                578745.01
4141616.41      265.03864  (17121418)
        579065.01   4141616.41      864.07372  (17112518)                579085.01
4141616.41      701.11580  (09012218)
        579105.01   4141616.41      577.91495  (09012218)                579125.01
4141616.41      475.04058  (09012218)
        579165.01   4141616.41      339.88065  (17010418)                579185.01
4141616.41      295.13661  (16011318)
        579205.01   4141616.41      261.21558  (16011318)                579225.01
4141616.41      233.08438  (16011318)
        579245.01   4141616.41      209.37197  (16011318)                579265.01
4141616.41      189.18722  (16011318)
        579285.01   4141616.41      171.86279  (16011318)                579305.01
4141616.41      157.01959  (16011318)
        579325.01   4141616.41      144.12551  (16011318)                579345.01
4141616.41      132.69857  (16011318)
        578385.01   4141636.41       79.97271  (17121418)                578405.01
4141636.41       83.32547  (17121418)
        578425.01   4141636.41       86.99642  (10012218)                578445.01
4141636.41       91.24240  (10012218)
        578465.01   4141636.41       95.82162  (10012218)                578485.01
4141636.41      100.75123  (10012218)
        578505.01   4141636.41      106.13663  (10012218)                578525.01
4141636.41      112.01047  (10012218)
        578545.01   4141636.41      118.33989  (10012218)                578565.01
4141636.41      125.32381  (10012218)
        578585.01   4141636.41      132.99370  (10012218)                578605.01
4141636.41      141.37078  (10012218)
        578625.01   4141636.41      150.54113  (10012218)                578645.01
4141636.41      160.70179  (10012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 821
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141636.41	171.90432	(10012218)	578685.01	4141636.41	184.44389	(10012218)
578705.01	4141636.41	198.33959	(10012218)	578725.01	4141636.41	213.51199	(10012218)
579045.01	4141636.41	768.91426	(13012318)	579065.01	4141636.41	691.91821	(11121618)
579085.01	4141636.41	610.77857	(17112518)	579105.01	4141636.41	519.42601	(17112518)
579125.01	4141636.41	441.05353	(09012218)	579165.01	4141636.41	331.55394	(09012218)
579185.01	4141636.41	288.36772	(09012218)	579205.01	4141636.41	252.06838	(17010418)
579225.01	4141636.41	226.36737	(17010418)	579245.01	4141636.41	203.90494	(17010418)
579265.01	4141636.41	184.37837	(17010418)	579285.01	4141636.41	168.17273	(16011318)
579305.01	4141636.41	154.95233	(16011318)	579325.01	4141636.41	143.22812	(16011318)
579345.01	4141636.41	132.84074	(16011318)	578385.01	4141656.41	77.56569	(10012218)
578405.01	4141656.41	80.83365	(10012218)	578425.01	4141656.41	84.28957	(10012218)
578445.01	4141656.41	88.00006	(10012218)	578465.01	4141656.41	91.98909	(10012218)
578485.01	4141656.41	96.20324	(10012218)	578505.01	4141656.41	100.78344	(10012218)
578525.01	4141656.41	105.55741	(10012218)	578545.01	4141656.41	110.69644	(10012218)
578565.01	4141656.41	116.23150	(10012218)	578585.01	4141656.41	122.13087	(10012218)
578605.01	4141656.41	128.45309	(10012218)	578625.01	4141656.41	135.20904	(10012218)
578645.01	4141656.41	144.71682	(15102718)	578665.01	4141656.41	163.23799	(16120718)
578685.01	4141656.41	185.11885	(16120718)	578705.01	4141656.41	210.34656	(16120718)
578725.01	4141656.41	239.60973	(16120718)	579005.01	4141656.41	882.41779	(14121218)
579025.01	4141656.41	784.06541	(14121218)	579045.01	4141656.41	616.27279	(14121218)
579065.01	4141656.41	548.35764	(13012318)	579085.01	4141656.41	505.55307	(11121618)
579105.01	4141656.41	455.84260	(17112518)	579125.01	4141656.41	405.30068	(17112518)
579145.01	4141656.41	352.90210	(17112518)	579185.01	4141656.41	278.81701	(09012218)

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        579205.01   4141656.41      249.79491  (09012218)                579225.01
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4141656.41      179.52729  (09012218)
        579285.01   4141656.41      165.10141  (17010418)                579305.01
4141656.41      152.22059  (17010418)
        579325.01   4141656.41      140.57466  (17010418)                579345.01
4141656.41      130.08403  (17010418)
        578385.01   4141676.41       73.55544  (10012218)                578405.01
4141676.41       76.23760  (10012218)
        578425.01   4141676.41       79.04148  (10012218)                578445.01
4141676.41       82.00749  (10012218)
        578465.01   4141676.41       85.14845  (10012218)                578485.01
4141676.41       88.38786  (10012218)
        578505.01   4141676.41       91.85051  (10012218)                578525.01
4141676.41       95.34719  (10012218)
        578545.01   4141676.41      100.51882  (15102718)                578565.01
4141676.41      108.52716  (15102718)
        578585.01   4141676.41      118.02652  (16120718)                578605.01
4141676.41      131.02859  (16120718)
        578625.01   4141676.41      145.73107  (16120718)                578645.01
4141676.41      162.29635  (16120718)
        578665.01   4141676.41      180.90327  (16120718)                578685.01
4141676.41      201.60082  (16120718)
        578705.01   4141676.41      224.57509  (16120718)                578985.01
4141676.41      667.53871  (14103118)
        579005.01   4141676.41      675.07510  (14121218)                579025.01
4141676.41      641.22165  (14121218)
        579045.01   4141676.41      543.54503  (14121218)                579065.01
4141676.41      463.09221  (13012318)
        579085.01   4141676.41      412.72326  (13012318)                579105.01
4141676.41      386.96298  (11121618)
        579125.01   4141676.41      357.10818  (11121618)                579145.01
4141676.41      326.04504  (17112518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 822
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                   INCLUDING SOURCE(S):     DEMO2_1     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579165.01	4141676.41	293.20465	(17112518)	579185.01	4141676.41	260.51012	(17112518)
579205.01	4141676.41	233.66804	(09012218)	579225.01	4141676.41	214.89187	(09012218)
579245.01	4141676.41	196.60535	(09012218)	579265.01	4141676.41	179.68113	(09012218)
579285.01	4141676.41	164.27422	(09012218)	579305.01	4141676.41	149.97868	(09012218)
579325.01	4141676.41	137.05099	(09012218)	579345.01	4141676.41	127.55717	(17010418)
578385.01	4141696.41	67.70015	(10012218)	578405.01	4141696.41	69.70033	(10012218)
578425.01	4141696.41	71.79021	(10012218)	578445.01	4141696.41	75.03489	(15102718)
578465.01	4141696.41	80.07727	(15102718)	578485.01	4141696.41	85.49193	(15102718)
578505.01	4141696.41	91.37101	(15102718)	578525.01	4141696.41	98.82261	(16120718)
578565.01	4141696.41	118.77698	(16120718)	578585.01	4141696.41	130.33063	(16120718)
578605.01	4141696.41	143.04310	(16120718)	578625.01	4141696.41	156.90139	(16120718)
578645.01	4141696.41	172.01551	(16120718)	578665.01	4141696.41	188.23538	(16120718)
578685.01	4141696.41	205.38790	(16120718)	578945.01	4141696.41	656.99751	(09112618)
578965.01	4141696.41	526.09028	(14103118)	578985.01	4141696.41	527.67911	(14103118)
579005.01	4141696.41	528.67624	(14121218)	579025.01	4141696.41	527.07846	(14121218)
579045.01	4141696.41	473.82068	(14121218)	579065.01	4141696.41	390.43446	(14121218)
579085.01	4141696.41	361.49698	(13012318)	579105.01	4141696.41	324.85561	(13012318)
579125.01	4141696.41	307.84353	(11121618)	579145.01	4141696.41	289.99710	(11121618)
579165.01	4141696.41	267.39455	(17112518)	579185.01	4141696.41	246.62689	(17112518)
579205.01	4141696.41	225.15147	(17112518)	579225.01	4141696.41	203.12752	(17112518)
579245.01	4141696.41	184.71074	(09012218)	579265.01	4141696.41	172.27556	(09012218)
579285.01	4141696.41	160.25304	(09012218)	579305.01	4141696.41	148.82034	(09012218)

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4141696.41      127.52440  (09012218)
        578385.01   4141716.41       65.83646  (15102718)                578405.01
4141716.41       69.71574  (15102718)
        578425.01   4141716.41       73.87598  (15102718)                578445.01
4141716.41       78.29592  (15102718)
        578465.01   4141716.41       84.31303  (16120718)                578485.01
4141716.41       91.46987  (16120718)
        578505.01   4141716.41       99.34647  (16120718)                578525.01
4141716.41      107.84638  (16120718)
        578605.01   4141716.41      148.67149  (16120718)                578625.01
4141716.41      160.45587  (16120718)
        578645.01   4141716.41      172.65315  (16120718)                578665.01
4141716.41      184.96158  (16120718)
        578685.01   4141716.41      197.03491  (16120718)                578905.01
4141716.41      549.96836  (12112718)
        578925.01   4141716.41      569.47974  (09112618)                578945.01
4141716.41      506.94219  (09112618)
        578965.01   4141716.41      429.48978  (14103118)                578985.01
4141716.41      430.32404  (14103118)
        579005.01   4141716.41      426.38977  (12121918)                579025.01
4141716.41      437.43032  (14121218)
        579045.01   4141716.41      411.05477  (14121218)                579065.01
4141716.41      357.20887  (14121218)
        579085.01   4141716.41      308.82241  (13012318)                579105.01
4141716.41      291.69464  (13012318)
        579125.01   4141716.41      264.42608  (13012318)                579145.01
4141716.41      251.65061  (11121618)
        579165.01   4141716.41      240.73284  (11121618)                579185.01
4141716.41      224.76556  (11121618)
        579205.01   4141716.41      210.44000  (17112518)                579225.01
4141716.41      195.68063  (17112518)
        579245.01   4141716.41      180.21450  (17112518)                579265.01
4141716.41      164.48351  (17112518)
        579285.01   4141716.41      150.81253  (09012218)                579305.01
4141716.41      142.41646  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***       15:03:32

                                  PAGE 823
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                  INCLUDING SOURCE(S):     DEMO2_1     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141716.41	133.99923	(09012218)	579345.01	4141716.41	125.76680	(09012218)
578385.01	4141736.41	68.04259	(15102718)	578405.01	4141736.41	73.07488	(16120718)
578425.01	4141736.41	78.70752	(16120718)	578445.01	4141736.41	84.71966	(16120718)
578465.01	4141736.41	91.18249	(16120718)	578485.01	4141736.41	98.10876	(16120718)
578505.01	4141736.41	105.56745	(16120718)	578625.01	4141736.41	156.51226	(16120718)
578645.01	4141736.41	164.92442	(16120718)	578665.01	4141736.41	174.07136	(09122918)
578865.01	4141736.41	433.23530	(09010809)	578885.01	4141736.41	445.00781	(12112718)
578905.01	4141736.41	472.98028	(09112618)	578925.01	4141736.41	467.37677	(09112618)
578945.01	4141736.41	395.53277	(09112618)	578965.01	4141736.41	359.87203	(14103118)
578985.01	4141736.41	359.65721	(14103118)	579005.01	4141736.41	356.29488	(12121918)
579025.01	4141736.41	367.08010	(14121218)	579045.01	4141736.41	357.19216	(14121218)
579065.01	4141736.41	323.41480	(14121218)	579085.01	4141736.41	275.01965	(14121218)
579105.01	4141736.41	255.90704	(13012318)	579125.01	4141736.41	242.09323	(13012318)
579145.01	4141736.41	220.78621	(13012318)	579165.01	4141736.41	209.94784	(11121618)
579185.01	4141736.41	203.38896	(11121618)	579205.01	4141736.41	193.34647	(11121618)
579225.01	4141736.41	181.30675	(17112518)	579245.01	4141736.41	171.44143	(17112518)
579265.01	4141736.41	160.19218	(17112518)	579285.01	4141736.41	148.46227	(17112518)
579305.01	4141736.41	136.72677	(17112518)	579325.01	4141736.41	126.15037	(09012218)
579345.01	4141736.41	120.01406	(09012218)	578385.01	4141756.41	73.44495	(16120718)
578405.01	4141756.41	78.54920	(16120718)	578425.01	4141756.41	83.93826	(16120718)
578445.01	4141756.41	89.61804	(16120718)	578465.01	4141756.41	95.57807	(16120718)

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        578485.01   4141756.41      101.85008  (16120718)                578845.01
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        578865.01   4141756.41      363.97459  (12112718)                578885.01
4141756.41      394.95666  (12112718)
        578905.01   4141756.41      409.88060  (09112618)                578925.01
4141756.41      383.15825  (09112618)
        578945.01   4141756.41      314.04922  (14120418)                578965.01
4141756.41      307.37087  (14103118)
        578985.01   4141756.41      306.59759  (14103118)                579005.01
4141756.41      302.70775  (12121918)
        579025.01   4141756.41      311.46339  (14121218)                579045.01
4141756.41      311.14987  (14121218)
        579065.01   4141756.41      291.02052  (14121218)                579085.01
4141756.41      257.01217  (14121218)
        579105.01   4141756.41      225.40582  (14020618)                579125.01
4141756.41      216.95613  (13012318)
        579145.01   4141756.41      205.11437  (13012318)                579165.01
4141756.41      187.92646  (13012318)
        579185.01   4141756.41      178.24467  (11121618)                579205.01
4141756.41      174.97056  (11121618)
        579225.01   4141756.41      168.23271  (11121618)                579245.01
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        579265.01   4141756.41      150.82323  (17112518)                579285.01
4141756.41      142.96566  (17112518)
        579305.01   4141756.41      134.25210  (17112518)                579325.01
4141756.41      124.99693  (17112518)
        579345.01   4141756.41      115.92133  (17112518)                578385.01
4141776.41       77.41668  (16120718)
        578405.01   4141776.41       82.14530  (16120718)                578425.01
4141776.41       87.00371  (16120718)
        578445.01   4141776.41       92.02106  (16120718)                578465.01
4141776.41       97.15671  (16120718)
        578485.01   4141776.41      102.41372  (16120718)                578825.01
4141776.41      317.29733  (09010809)
        578845.01   4141776.41      311.08545  (09010809)                578865.01
4141776.41      333.99591  (12112718)
        578885.01   4141776.41      351.47082  (09112618)                578905.01
4141776.41      351.53323  (09112618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***        15:03:32

                                    PAGE 824
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
                                    INCLUDING SOURCE(S):     DEMO2_1     ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	314.02985	(09112618)	578945.01	4141776.41	257.27332	(11112817)
578965.01	4141776.41	267.17223	(14103118)	578985.01	4141776.41	265.68721	(14103118)
579005.01	4141776.41	260.61554	(12121918)	579025.01	4141776.41	266.84367	(14121218)
579045.01	4141776.41	272.33319	(14121218)	579065.01	4141776.41	261.50185	(14121218)
579085.01	4141776.41	238.13110	(14121218)	579105.01	4141776.41	206.69168	(14121218)
579125.01	4141776.41	191.30348	(13012318)	579145.01	4141776.41	186.78183	(13012318)
579165.01	4141776.41	176.62291	(13012318)	579185.01	4141776.41	162.46338	(13012318)
579205.01	4141776.41	154.05994	(11121618)	579225.01	4141776.41	152.24331	(11121618)
579245.01	4141776.41	147.63043	(11121618)	579265.01	4141776.41	141.18475	(11121618)
579285.01	4141776.41	133.61240	(17112518)	579305.01	4141776.41	128.07545	(17112518)
579325.01	4141776.41	121.35509	(17112518)	579345.01	4141776.41	114.36767	(17112518)
578405.01	4141796.41	83.64685	(16120718)	578425.01	4141796.41	87.79485	(16120718)
578445.01	4141796.41	91.95434	(16120718)	578465.01	4141796.41	96.07720	(16120718)
578805.01	4141796.41	277.14272	(09010809)	578825.01	4141796.41	275.22803	(09010809)
578845.01	4141796.41	285.80001	(12112718)	578865.01	4141796.41	301.12458	(12112718)
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578925.01	4141796.41	261.96502	(14120418)	578945.01	4141796.41	222.80377	(11112817)
578965.01	4141796.41	234.92556	(14103118)	578985.01	4141796.41	233.11976	(14103118)
579005.01	4141796.41	227.10536	(12121918)	579025.01	4141796.41	233.94455	(12121918)
579045.01	4141796.41	239.54976	(14121218)	579065.01	4141796.41	235.13741	(14121218)

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        578805.01   4141816.41      245.39947  (09010809)                578825.01
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4141816.41      152.23501  (14020618)
        579165.01   4141816.41      148.04456  (13012318)                579185.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP15  ***
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INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579285.01	4141816.41	117.12546	(11121618)	579305.01	4141816.41	113.76659	(11121618)
579325.01	4141816.41	109.39310	(11121618)	579345.01	4141816.41	104.17649	(11121618)
578565.01	4141836.41	121.47499	(12111618)	578585.01	4141836.41	128.80249	(12111618)
578605.01	4141836.41	135.05170	(12111618)	578625.01	4141836.41	143.81640	(09121117)
578645.01	4141836.41	152.86629	(09121117)	578665.01	4141836.41	160.27098	(12010318)
578685.01	4141836.41	166.32680	(12010318)	578705.01	4141836.41	175.52672	(11112818)
578725.01	4141836.41	189.10997	(09010809)	578765.01	4141836.41	218.25509	(09010809)
578785.01	4141836.41	220.32593	(09010809)	578805.01	4141836.41	215.72105	(16121017)
578825.01	4141836.41	232.15616	(12112718)	578845.01	4141836.41	240.66415	(12112718)
578865.01	4141836.41	249.21045	(09112618)	578885.01	4141836.41	242.38836	(09112618)
578905.01	4141836.41	220.89788	(16120918)	578925.01	4141836.41	187.10280	(14120418)
578945.01	4141836.41	180.08572	(14103118)	578965.01	4141836.41	187.22395	(14103118)
578985.01	4141836.41	185.18658	(14103118)	579005.01	4141836.41	177.69412	(12121918)
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579065.01	4141836.41	191.03000	(14121218)	579085.01	4141836.41	185.42967	(14121218)
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        578825.01   4141856.41      215.83373  (12112718)                578845.01
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4141856.41      170.30870  (14121218)
        579105.01   4141856.41      161.93234  (14121218)                579125.01
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        579145.01   4141856.41      133.48453  (14020618)                579165.01
4141856.41      125.98911  (14020618)
        579185.01   4141856.41      120.26145  (13012318)                579205.01
4141856.41      118.89316  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                  PAGE 826
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579305.01	4141856.41	95.58787	(11121618)	579325.01	4141856.41	95.24476	(11121618)
579345.01	4141856.41	93.61509	(11121618)	578545.01	4141876.41	110.68246	(12111618)
578565.01	4141876.41	116.58604	(09121117)	578585.01	4141876.41	123.31556	(09121117)
578605.01	4141876.41	128.77811	(09121117)	578625.01	4141876.41	133.84356	(12010318)
578645.01	4141876.41	137.02069	(12010318)	578665.01	4141876.41	145.79818	(11112818)
578685.01	4141876.41	155.15077	(09010809)	578705.01	4141876.41	168.49992	(09010809)
578725.01	4141876.41	177.65493	(09010809)	578745.01	4141876.41	181.01618	(09010809)
578765.01	4141876.41	177.24849	(09010809)	578785.01	4141876.41	180.52010	(12112718)
578805.01	4141876.41	193.43517	(12112718)	578825.01	4141876.41	198.64742	(09112618)
578845.01	4141876.41	205.90861	(09112618)	578865.01	4141876.41	201.39123	(09112618)
578885.01	4141876.41	188.26945	(16120918)	578905.01	4141876.41	166.22447	(14120418)
578925.01	4141876.41	145.56989	(11112817)	578945.01	4141876.41	150.05459	(14103118)
578965.01	4141876.41	154.12019	(14103118)	578985.01	4141876.41	151.94852	(14103118)
579005.01	4141876.41	143.92311	(14103118)	579025.01	4141876.41	151.67984	(12121918)
579045.01	4141876.41	153.79630	(12121918)	579065.01	4141876.41	156.71284	(14121218)
579085.01	4141876.41	156.50367	(14121218)	579105.01	4141876.41	151.12137	(14121218)

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        579125.01   4141876.41      141.34386  (14121218)                579145.01
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        579285.01   4141876.41       92.91856  (13012318)                579305.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141896.41	106.77823	(14020618)	579205.01	4141896.41	99.77997	(14020618)
579225.01	4141896.41	99.78009	(13012318)	579245.01	4141896.41	98.06039	(13012318)
579265.01	4141896.41	94.91604	(13012318)	579285.01	4141896.41	90.30824	(13012318)
579305.01	4141896.41	85.02986	(13012318)	579325.01	4141896.41	79.11511	(13012318)
579345.01	4141896.41	78.93775	(11121618)	578565.01	4141916.41	110.59192	(12010318)
578585.01	4141916.41	113.68274	(12010318)	578605.01	4141916.41	116.30979	(11112818)
578625.01	4141916.41	123.76155	(11112818)	578645.01	4141916.41	130.46902	(09010809)
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578705.01	4141916.41	151.93746	(09010809)	578725.01	4141916.41	150.79573	(09010809)
578745.01	4141916.41	149.15234	(16121017)	578765.01	4141916.41	155.93699	(12112718)
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578825.01	4141916.41	173.47945	(09112618)	578845.01	4141916.41	170.66092	(09112618)
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578905.01	4141916.41	126.14699	(14120418)	578925.01	4141916.41	120.98897	(14103118)
578945.01	4141916.41	127.58980	(14103118)	578965.01	4141916.41	130.00683	(14103118)
578985.01	4141916.41	128.02204	(14103118)	579005.01	4141916.41	121.75596	(14103118)
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        579086.27   4141125.26      125.92812  (13122818)                579106.27
4141125.26      126.22880  (09012317)
        579126.27   4141125.26      125.43649  (09012317)                579146.27
4141125.26      121.64092  (10121417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579166.27	4141125.26	120.86809	(10121417)	579186.27	4141125.26	116.95321	(11112917)
579206.27	4141125.26	113.82092	(11112917)	578386.27	4141145.26	79.15681	(12010309)
578406.27	4141145.26	82.91779	(12010309)	578426.27	4141145.26	85.69238	(12010309)
578446.27	4141145.26	88.33277	(12010309)	578466.27	4141145.26	89.46389	(12010309)
578486.27	4141145.26	77.52060	(12010309)	578506.27	4141145.26	77.41453	(12010309)
578526.27	4141145.26	76.53868	(11122717)	578546.27	4141145.26	76.06103	(11122717)
578566.27	4141145.26	74.57380	(11122717)	578586.27	4141145.26	72.05685	(11122717)
578606.27	4141145.26	75.84335	(16020318)	578626.27	4141145.26	78.68712	(16020318)
578646.27	4141145.26	80.34182	(16020318)	578666.27	4141145.26	87.05548	(14112017)
578686.27	4141145.26	94.24792	(14112017)	578706.27	4141145.26	100.27648	(13111917)
578726.27	4141145.26	109.10982	(09012117)	578746.27	4141145.26	116.71902	(09012117)
578766.27	4141145.26	121.66129	(09012117)	578786.27	4141145.26	123.32259	(09012117)
578806.27	4141145.26	121.32659	(09012117)	578826.27	4141145.26	126.34659	(14121217)
578846.27	4141145.26	127.80898	(14121217)	578866.27	4141145.26	125.23764	(11010818)
578886.27	4141145.26	130.17646	(11010818)	578906.27	4141145.26	133.51447	(14010318)
578926.27	4141145.26	132.50246	(14010318)	578946.27	4141145.26	136.16834	(16120717)

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        578966.27   4141145.26      137.24928  (10010917)               578986.27
4141145.26      138.52116  (14122017)
        579006.27   4141145.26      139.03268  (14122017)               579026.27
4141145.26      136.84486  (13121418)
        579046.27   4141145.26      134.94324  (16110418)               579066.27
4141145.26      134.64038  (16110418)
        579086.27   4141145.26      133.48069  (13122818)               579106.27
4141145.26      134.44807  (09012317)
        579126.27   4141145.26      132.06326  (09012317)               579146.27
4141145.26      129.53987  (10121417)
        579166.27   4141145.26      127.07543  (10121417)               579186.27
4141145.26      123.28091  (11112917)
        579206.27   4141145.26      118.25606  (10010418)               578723.62
4141929.59      140.82737  (09010809)
        578743.62   4141929.59      141.20836  (16121017)               578763.62
4141929.59      151.34515  (12112718)
        578783.62   4141929.59      157.28702  (12112718)               578803.62
4141929.59      161.63547  (09112618)
        578823.62   4141929.59      164.80075  (09112618)               578843.62
4141929.59      160.28238  (16120918)
        578863.62   4141929.59      151.80555  (16120918)               578883.62
4141929.59      137.24457  (14120418)
        578903.62   4141929.59      117.80693  (11112817)               578923.62
4141929.59      115.00933  (14103118)
        578943.62   4141929.59      121.03905  (14103118)               578963.62
4141929.59      123.37451  (14103118)
        578983.62   4141929.59      121.74982  (14103118)               579003.62
4141929.59      116.22387  (14103118)
        579023.62   4141929.59      119.08982  (12121918)               579043.62
4141929.59      122.93268  (12121918)
        579063.62   4141929.59      122.64776  (12121918)               579083.62
4141929.59      125.64132  (14121218)
        579103.62   4141929.59      125.33958  (14121218)               579123.62
4141929.59      121.62470  (14121218)
        579143.62   4141929.59      115.01596  (14121218)               579163.62
4141929.59      106.21770  (14121218)
        579183.62   4141929.59       97.83049  (14020618)               578725.67
4141942.60      134.64431  (16121017)
        578745.67   4141942.60      139.61694  (12112718)               578765.67
4141942.60      147.44883  (12112718)
        578785.67   4141942.60      150.39555  (12112718)               578805.67
4141942.60      156.04976  (09112618)
        578825.67   4141942.60      156.00602  (09112618)               578845.67
4141942.60      150.47079  (16120918)
        578865.67   4141942.60      140.23125  (14120418)               578885.67
4141942.60      124.88234  (14120418)
        578905.67   4141942.60      111.06138  (11112817)               578925.67
4141942.60      110.76793  (14103118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578945.67	4141942.60	115.77039	(14103118)	578965.67	4141942.60	117.37336	(14103118)
578985.67	4141942.60	115.41004	(14103118)	579005.67	4141942.60	109.98404	(14103118)
579025.67	4141942.60	113.43342	(12121918)	579045.67	4141942.60	117.00834	(12121918)
579065.67	4141942.60	116.87324	(12121918)	579085.67	4141942.60	119.48208	(14121218)
579105.67	4141942.60	119.51965	(14121218)	579125.67	4141942.60	116.44162	(14121218)
579145.67	4141942.60	110.70920	(14121218)	579165.67	4141942.60	102.85430	(14121218)
579185.67	4141942.60	93.84718	(14020618)	578745.52	4141955.60	136.69234	(12112718)
578765.52	4141955.60	142.19632	(12112718)	578785.52	4141955.60	145.31119	(09112618)
578805.52	4141955.60	149.50032	(09112618)	578825.52	4141955.60	147.48453	(09112618)
578845.52	4141955.60	141.62807	(16120918)	578865.52	4141955.60	130.80310	(14120418)
578885.52	4141955.60	115.52065	(14120418)	578905.52	4141955.60	105.18118	(11112817)
578925.52	4141955.60	106.04930	(14103118)	578945.52	4141955.60	110.52848	(14103118)
578965.52	4141955.60	111.86678	(14103118)	578985.52	4141955.60	109.95669	(14103118)
579005.52	4141955.60	104.93546	(14103118)	579025.52	4141955.60	107.62748	(12121918)
579045.52	4141955.60	111.37823	(12121918)	579065.52	4141955.60	111.73601	(12121918)

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        579085.52   4141955.60      113.53672  (14121218)              579105.52
4141955.60      114.25747  (14121218)
        579125.52   4141955.60      112.03778  (14121218)              579145.52
4141955.60      107.28761  (14121218)
        579165.52   4141955.60      100.51679  (14121218)              579185.52
4141955.60       92.23426  (14121218)
        578785.22   4141971.34      139.64443  (09112618)              578805.22
4141971.34      141.36362  (09112618)
        578825.22   4141971.34      137.80059  (16120918)              578845.22
4141971.34      131.39660  (16120918)
        578865.22   4141971.34      120.27959  (14120418)              578885.22
4141971.34      105.41225  (14120418)
        578905.22   4141971.34       98.68657  (11112817)              578925.22
4141971.34      100.74274  (14103118)
        578945.22   4141971.34      104.69268  (14103118)              578965.22
4141971.34      105.80793  (14103118)
        578985.22   4141971.34      103.98825  (14103118)              579005.22
4141971.34       99.38074  (14103118)
        579025.22   4141971.34      101.10336  (12121918)              579045.22
4141971.34      105.03157  (12121918)
        579065.22   4141971.34      105.91988  (12121918)              579085.22
4141971.34      106.82002  (14121218)
        579105.22   4141971.34      108.18490  (14121218)              579125.22
4141971.34      106.93877  (14121218)
        579145.22   4141971.34      103.22619  (14121218)              579165.22
4141971.34       97.60607  (14121218)
        579185.22   4141971.34       90.40835  (14121218)              578790.01
4141986.40      134.43911  (09112618)
        578810.01   4141986.40      132.77715  (09112618)              578830.01
4141986.40      128.32352  (16120918)
        578850.01   4141986.40      119.80715  (14120418)              578870.01
4141986.40      107.85990  (14120418)
        578890.01   4141986.40       95.58804  (11112817)              578910.01
4141986.40       92.26727  (14010809)
        578930.01   4141986.40       97.19199  (14103118)              578950.01
4141986.40      100.07311  (14103118)
        578970.01   4141986.40      100.37229  (14103118)              578990.01
4141986.40       97.95605  (14103118)
        579010.01   4141986.40       93.09269  (14103118)              579030.01
4141986.40       96.70275  (12121918)
        579050.01   4141986.40       99.98373  (12121918)              579070.01
4141986.40      100.57774  (12121918)
        579090.01   4141986.40      101.56905  (14121218)              579110.01
4141986.40      102.82339  (14121218)
        579130.01   4141986.40      101.68173  (14121218)              579150.01
4141986.40       98.36164  (14121218)
        579170.01   4141986.40       93.30296  (14121218)              579190.01
4141986.40       86.69264  (14121218)
        578810.54   4142001.46      124.89017  (16120918)              578830.54
4142001.46      119.90680  (16120918)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP15 ***
INCLUDING SOURCE(S): DEMO2_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578850.54	4142001.46	111.00245	(14120418)	578870.54	4142001.46	98.89357	(14120418)
578890.54	4142001.46	90.30318	(11112817)	578910.54	4142001.46	88.36235	(14103118)
578930.54	4142001.46	92.92942	(14103118)	578950.54	4142001.46	95.34886	(14103118)
578970.54	4142001.46	95.44497	(14103118)	578990.54	4142001.46	93.13011	(14103118)
579010.54	4142001.46	88.58629	(14103118)	579030.54	4142001.46	91.69856	(12121918)
579050.54	4142001.46	94.97187	(12121918)	579070.54	4142001.46	95.78397	(12121918)
579090.54	4142001.46	96.16617	(14121218)	579110.54	4142001.46	97.82495	(14121218)
579130.54	4142001.46	97.23209	(14121218)	579150.54	4142001.46	94.70782	(14121218)
579170.54	4142001.46	90.36548	(14121218)	579190.54	4142001.46	84.66175	(14121218)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***

INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	100.64289	(12010309)	578405.01	4141176.41	117.57512	(12010309)
578425.01	4141176.41	132.86259	(12010309)	578445.01	4141176.41	144.30384	(12010309)
578465.01	4141176.41	154.01011	(12010309)	578485.01	4141176.41	157.70982	(12010309)
578505.01	4141176.41	155.43635	(12010309)	578525.01	4141176.41	155.42637	(11122717)
578545.01	4141176.41	151.77409	(11122717)	578565.01	4141176.41	141.53891	(11122717)
578585.01	4141176.41	125.67661	(11122717)	578605.01	4141176.41	130.16223	(16020318)
578625.01	4141176.41	148.39890	(16020318)	578645.01	4141176.41	160.21806	(16020318)
578665.01	4141176.41	163.25407	(16020318)	578685.01	4141176.41	156.09505	(16020318)
578705.01	4141176.41	169.16509	(14112017)	578725.01	4141176.41	197.40377	(14112017)
578745.01	4141176.41	213.44094	(14112017)	578765.01	4141176.41	228.98163	(09012117)
578785.01	4141176.41	246.19002	(09012117)	578805.01	4141176.41	240.56098	(17122818)
578825.01	4141176.41	240.06170	(15011918)	578845.01	4141176.41	255.38870	(14121217)
578865.01	4141176.41	242.98741	(14121217)	578885.01	4141176.41	255.21761	(11010818)
578905.01	4141176.41	266.88406	(14010318)	578925.01	4141176.41	265.70137	(14010318)
578945.01	4141176.41	271.21524	(16120717)	578965.01	4141176.41	276.16643	(10010917)
578985.01	4141176.41	276.01825	(14122017)	579005.01	4141176.41	282.76930	(14122017)
579025.01	4141176.41	280.57337	(13121418)	579045.01	4141176.41	278.39245	(16112517)
579065.01	4141176.41	279.98904	(09011617)	579085.01	4141176.41	274.98005	(13122818)
579105.01	4141176.41	282.71382	(09012317)	579125.01	4141176.41	272.11603	(11122618)

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        579145.01   4141176.41      275.40794  (10121417)                579165.01
4141176.41      266.15712  (11112917)
        579185.01   4141176.41      257.23849  (10010418)                579205.01
4141176.41      253.14508  (13113018)
        579225.01   4141176.41      251.34199  (12111418)                578385.01
4141196.41       81.58046  (12010309)
        578405.01   4141196.41       99.43570  (12010309)                578425.01
4141196.41      117.61260  (12010309)
        578445.01   4141196.41      135.03670  (12010309)                578465.01
4141196.41      149.88932  (12010309)
        578485.01   4141196.41      160.75706  (12010309)                578505.01
4141196.41      166.97278  (12010309)
        578525.01   4141196.41      166.85516  (12010309)                578545.01
4141196.41      165.67822  (11122717)
        578565.01   4141196.41      162.87471  (11122717)                578585.01
4141196.41      152.66174  (11122717)
        578605.01   4141196.41      135.78637  (11122717)                578625.01
4141196.41      140.51261  (16020318)
        578645.01   4141196.41      160.00452  (16020318)                578665.01
4141196.41      171.99202  (16020318)
        578685.01   4141196.41      173.52351  (16020318)                578705.01
4141196.41      163.37508  (16020318)
        578725.01   4141196.41      191.40274  (14112017)                578745.01
4141196.41      218.11101  (14112017)
        578765.01   4141196.41      232.90686  (13111917)                578785.01
4141196.41      254.73888  (09012117)
        578805.01   4141196.41      261.39465  (09012117)                578825.01
4141196.41      253.27220  (15011918)
        578845.01   4141196.41      267.41926  (14121217)                578865.01
4141196.41      266.55708  (14121217)
        578885.01   4141196.41      263.43896  (11010818)                578905.01
4141196.41      281.25690  (11010818)
        578925.01   4141196.41      285.75530  (14010318)                578945.01
4141196.41      285.41573  (16120717)
        578965.01   4141196.41      293.30554  (16120717)                578985.01
4141196.41      293.39028  (14122017)
        579005.01   4141196.41      300.51520  (14122017)                579025.01
4141196.41      297.68864  (13121418)
        579045.01   4141196.41      297.72950  (16110418)                579065.01
4141196.41      299.14674  (09011617)
        579085.01   4141196.41      290.46586  (13012218)                579105.01
4141196.41      299.05829  (09012317)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	289.30373	(11122618)	579145.01	4141196.41	288.90351	(10121417)
579165.01	4141196.41	281.82300	(11112917)	579185.01	4141196.41	270.55446	(13113018)
579205.01	4141196.41	270.50558	(12111418)	579225.01	4141196.41	265.49731	(09011017)
579245.01	4141196.41	263.56162	(09011017)	578385.01	4141216.41	68.18997	(09110418)
578405.01	4141216.41	78.93407	(12010309)	578425.01	4141216.41	97.70902	(12010309)
578445.01	4141216.41	117.55593	(12010309)	578465.01	4141216.41	136.81603	(12010309)
578485.01	4141216.41	154.38564	(12010309)	578505.01	4141216.41	168.52605	(12010309)
578525.01	4141216.41	177.34796	(12010309)	578545.01	4141216.41	179.22835	(12010309)
578565.01	4141216.41	176.88205	(11122717)	578585.01	4141216.41	175.20061	(11122717)
578605.01	4141216.41	165.00293	(11122717)	578625.01	4141216.41	147.22795	(11122717)
578645.01	4141216.41	152.48617	(16020318)	578665.01	4141216.41	173.08549	(16020318)
578685.01	4141216.41	184.69076	(16020318)	578705.01	4141216.41	184.23707	(16020318)
578725.01	4141216.41	179.05088	(14112017)	578745.01	4141216.41	215.80695	(14112017)
578765.01	4141216.41	239.38385	(14112017)	578785.01	4141216.41	256.38465	(09012117)
578805.01	4141216.41	278.38216	(09012117)	578825.01	4141216.41	272.40930	(17122818)
578845.01	4141216.41	275.46620	(14121217)	578925.01	4141216.41	306.60788	(14010318)
578945.01	4141216.41	300.32449	(16120717)	578965.01	4141216.41	314.02574	(16120717)
578985.01	4141216.41	312.99368	(14122017)	579005.01	4141216.41	321.11570	(10120918)

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        579025.01   4141216.41      316.20899  (13121418)                579045.01
4141216.41      319.84343  (16110418)
        579065.01   4141216.41      319.38040  (13122818)                579085.01
4141216.41      317.76517  (09012317)
        579105.01   4141216.41      313.82117  (13112618)                579125.01
4141216.41      315.14432  (10121417)
        579145.01   4141216.41      303.96306  (11112917)                579165.01
4141216.41      294.84296  (10010418)
        579185.01   4141216.41      289.61925  (13113018)                579205.01
4141216.41      285.94886  (12111418)
        579225.01   4141216.41      287.60463  (09011017)                579245.01
4141216.41      271.35006  (10120217)
        578385.01   4141236.41       89.82621  (09110418)                578405.01
4141236.41       81.44709  (09110418)
        578425.01   4141236.41       75.82092  (12010309)                578445.01
4141236.41       95.47829  (12010309)
        578465.01   4141236.41      116.77378  (12010309)                578485.01
4141236.41      138.50378  (12010309)
        578505.01   4141236.41      159.15671  (12010309)                578525.01
4141236.41      176.48030  (12010309)
        578545.01   4141236.41      188.20810  (12010309)                578565.01
4141236.41      192.54890  (12010309)
        578585.01   4141236.41      189.10603  (11122717)                578605.01
4141236.41      188.78976  (11122717)
        578625.01   4141236.41      178.96391  (11122717)                578645.01
4141236.41      160.27622  (11122717)
        578665.01   4141236.41      165.85949  (16020318)                578685.01
4141236.41      187.63922  (16020318)
        578705.01   4141236.41      198.63584  (16020318)                578725.01
4141236.41      195.68463  (16020318)
        578745.01   4141236.41      205.81108  (14112017)                578765.01
4141236.41      242.15672  (14112017)
        578785.01   4141236.41      261.08509  (13111917)                578805.01
4141236.41      288.40701  (09012117)
        578825.01   4141236.41      297.62246  (09012117)                578945.01
4141236.41      317.42463  (14010317)
        578965.01   4141236.41      336.65356  (16120717)                578985.01
4141236.41      334.75939  (14122017)
        579005.01   4141236.41      344.53079  (10120918)                579025.01
4141236.41      336.60062  (13121418)
        579045.01   4141236.41      343.40158  (16110418)                579065.01
4141236.41      342.36469  (13122818)
        579085.01   4141236.41      345.75418  (09012317)                579105.01
4141236.41      334.76729  (16010818)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	337.24911	(10121417)	579145.01	4141236.41	326.35533	(11112917)
579165.01	4141236.41	312.76462	(13113018)	579185.01	4141236.41	312.72041	(12111418)
579205.01	4141236.41	310.14538	(09011017)	579225.01	4141236.41	295.92375	(09011017)
579245.01	4141236.41	291.88720	(12111417)	578385.01	4141256.41	110.53022	(09110418)
578405.01	4141256.41	104.05808	(09110418)	578425.01	4141256.41	96.27154	(09110418)
578445.01	4141256.41	86.95421	(09110418)	578465.01	4141256.41	92.61245	(12010309)
578485.01	4141256.41	115.49543	(12010309)	578505.01	4141256.41	139.72748	(12010309)
578525.01	4141256.41	163.40066	(12010309)	578545.01	4141256.41	184.17470	(12010309)
578565.01	4141256.41	199.50017	(12010309)	578585.01	4141256.41	206.96877	(12010309)
578605.01	4141256.41	204.76298	(12010309)	578625.01	4141256.41	204.00204	(11122717)
578645.01	4141256.41	194.71153	(11122717)	578665.01	4141256.41	175.11277	(11122717)
578685.01	4141256.41	181.00267	(16020318)	578705.01	4141256.41	203.99513	(16020318)
578725.01	4141256.41	214.05155	(16020318)	578745.01	4141256.41	207.87254	(16020318)
578765.01	4141256.41	235.98736	(14112017)	578785.01	4141256.41	270.01083	(14112017)
578805.01	4141256.41	290.49870	(13111917)	578965.01	4141256.41	361.74286	(16120717)
578985.01	4141256.41	358.88480	(14122017)	579005.01	4141256.41	370.86716	(10120918)
579025.01	4141256.41	358.96075	(13121418)	579045.01	4141256.41	368.41555	(16110418)

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        579065.01   4141256.41      365.40709  (13122818)                579085.01
4141256.41      372.33117  (09012317)
        579105.01   4141256.41      361.72558  (10121417)                579125.01
4141256.41      352.93756  (10121417)
        579145.01   4141256.41      342.81044  (10010418)                579165.01
4141256.41      336.10555  (13113018)
        579185.01   4141256.41      330.34811  (15111918)                579205.01
4141256.41      330.34058  (09011017)
        579225.01   4141256.41      316.15959  (12111417)                579245.01
4141256.41      301.42309  (12111417)
        579265.01   4141256.41      285.48634  (17121318)                578385.01
4141276.41      125.82662  (09110418)
        578405.01   4141276.41      123.80232  (09110418)                578425.01
4141276.41      119.35435  (09110418)
        578445.01   4141276.41      112.73222  (09110418)                578465.01
4141276.41      103.83635  (09110418)
        578485.01   4141276.41       93.14904  (09110418)                578505.01
4141276.41      113.36988  (12010309)
        578525.01   4141276.41      139.99706  (12010309)                578545.01
4141276.41      166.94043  (12010309)
        578565.01   4141276.41      191.66353  (12010309)                578585.01
4141276.41      211.22207  (12010309)
        578605.01   4141276.41      222.43936  (12010309)                578625.01
4141276.41      223.00983  (12010309)
        578645.01   4141276.41      220.97711  (11122717)                578665.01
4141276.41      212.64698  (11122717)
        578685.01   4141276.41      192.10386  (11122717)                578705.01
4141276.41      198.28072  (16020318)
        578725.01   4141276.41      222.44907  (16020318)                578745.01
4141276.41      231.07649  (16020318)
        578765.01   4141276.41      220.96056  (16020318)                578785.01
4141276.41      269.64148  (14112017)
        578985.01   4141276.41      386.19443  (14122017)                579005.01
4141276.41      400.39495  (10120918)
        579025.01   4141276.41      386.46620  (16112517)                579045.01
4141276.41      399.07820  (09011617)
        579065.01   4141276.41      390.30705  (13121417)                579085.01
4141276.41      395.65719  (09012317)
        579105.01   4141276.41      396.89249  (10121417)                579125.01
4141276.41      383.56894  (11112917)
        579145.01   4141276.41      367.63413  (13113018)                579165.01
4141276.41      366.64729  (12111418)
        579185.01   4141276.41      365.01558  (09011017)                579205.01
4141276.41      342.95856  (10120217)
        579225.01   4141276.41      335.32419  (12111417)                579245.01
4141276.41      313.17748  (17121518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141276.41	295.75051	(17121318)	578385.01	4141296.41	133.88619	(09110418)
578405.01	4141296.41	136.98598	(09110418)	578425.01	4141296.41	137.34433	(09110418)
578445.01	4141296.41	135.31639	(09110418)	578465.01	4141296.41	130.49524	(09110418)
578485.01	4141296.41	122.81460	(09110418)	578505.01	4141296.41	112.50514	(09110418)
578525.01	4141296.41	110.21939	(12010309)	578545.01	4141296.41	139.24319	(12010309)
578565.01	4141296.41	169.65878	(12010309)	578585.01	4141296.41	198.80379	(12010309)
578605.01	4141296.41	223.14226	(12010309)	578625.01	4141296.41	239.04215	(12010309)
578645.01	4141296.41	243.20848	(12010309)	578665.01	4141296.41	240.01320	(11122717)
578685.01	4141296.41	233.06930	(11122717)	578705.01	4141296.41	211.75839	(11122717)
578725.01	4141296.41	218.18005	(16020318)	578745.01	4141296.41	243.33110	(16020318)
579005.01	4141296.41	434.05189	(10120918)	579025.01	4141296.41	422.98762	(16112517)
579045.01	4141296.41	435.85246	(09011617)	579065.01	4141296.41	433.91110	(09012317)
579085.01	4141296.41	426.80789	(16010818)	579105.01	4141296.41	425.89274	(10121417)
579125.01	4141296.41	406.09522	(10010418)	579145.01	4141296.41	399.38944	(12111418)
579165.01	4141296.41	397.52410	(09011017)	579185.01	4141296.41	379.62558	(09011017)
579205.01	4141296.41	373.00461	(12111417)	579225.01	4141296.41	345.10477	(17121518)

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        579245.01   4141296.41      327.33088  (17121318)                579265.01
4141296.41      318.32665  (13110618)
        579285.01   4141296.41      301.72505  (15011018)                578385.01
4141316.41      131.66462  (09110418)
        578405.01   4141316.41      139.74995  (09110418)                578425.01
4141316.41      146.39789  (09110418)
        578445.01   4141316.41      150.09824  (09110418)                578465.01
4141316.41      151.03953  (09110418)
        578485.01   4141316.41      148.92997  (09110418)                578505.01
4141316.41      143.44037  (09110418)
        578525.01   4141316.41      134.49381  (09110418)                578545.01
4141316.41      122.42923  (09110418)
        578565.01   4141316.41      137.26706  (12010309)                578585.01
4141316.41      171.33320  (12010309)
        578605.01   4141316.41      205.36570  (12010309)                578625.01
4141316.41      235.28857  (12010309)
        578645.01   4141316.41      256.77031  (12010309)                578665.01
4141316.41      265.53148  (12010309)
        578685.01   4141316.41      261.46123  (11122717)                578705.01
4141316.41      256.50700  (11122717)
        578725.01   4141316.41      234.69804  (11122717)                579025.01
4141316.41      463.63861  (16112517)
        579045.01   4141316.41      474.82108  (09011617)                579065.01
4141316.41      479.08949  (09012317)
        579085.01   4141316.41      470.73017  (10121417)                579105.01
4141316.41      459.24278  (11112917)
        579125.01   4141316.41      441.33602  (13113018)                579145.01
4141316.41      437.02258  (12111418)
        579165.01   4141316.41      432.39804  (09011017)                579185.01
4141316.41      414.46728  (12111417)
        579205.01   4141316.41      381.52845  (17121518)                579225.01
4141316.41      364.64178  (17121318)
        579245.01   4141316.41      351.31299  (13110618)                579265.01
4141316.41      332.15211  (15011018)
        579285.01   4141316.41      297.34925  (15011018)                578385.01
4141336.41      119.69110  (09110418)
        578405.01   4141336.41      131.64820  (09110418)                578425.01
4141336.41      142.87291  (09110418)
        578445.01   4141336.41      152.91150  (09110418)                578465.01
4141336.41      160.95656  (09110418)
        578485.01   4141336.41      165.61183  (09110418)                578505.01
4141336.41      167.22597  (09110418)
        578525.01   4141336.41      165.05184  (09110418)                578545.01
4141336.41      158.72533  (09110418)
        578565.01   4141336.41      148.13452  (09110418)                578585.01
4141336.41      133.90457  (12010309)
        578605.01   4141336.41      171.71934  (12010309)                578625.01
4141336.41      210.98227  (12010309)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP16 ***
                                 INCLUDING SOURCE(S):   DEMO2_1D   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        578645.01   4141336.41   247.33888 (12010309)   578665.01
4141336.41   275.54218 (12010309)
        578685.01   4141336.41   290.22847 (12010309)   578705.01
4141336.41   287.66075 (12010309)
        579025.01   4141336.41   512.25525 (16110418)   579045.01
4141336.41   518.36549 (13122818)
        579065.01   4141336.41   522.49821 (09012317)   579085.01
4141336.41   521.84854 (10121417)
        579105.01   4141336.41   496.54277 (11112917)   579125.01
4141336.41   487.99329 (12111418)
        579145.01   4141336.41   486.40751 (09011017)   579165.01
4141336.41   459.07888 (12111417)
        579185.01   4141336.41   431.36188 (12111417)   579205.01
4141336.41   409.02385 (17121318)
        579225.01   4141336.41   390.73093 (13110618)   579245.01
4141336.41   368.21879 (15011018)
        579265.01   4141336.41   325.26736 (15011018)   579285.01
4141336.41   264.79996 (15010618)
        578385.01   4141356.41   130.21915 (16030918)   578405.01
4141356.41   131.53829 (16030918)
        578425.01   4141356.41   131.38054 (16030918)   578445.01
4141356.41   142.35153 (09110418)
        578465.01   4141356.41   155.88624 (09110418)   578485.01
4141356.41   168.28405 (09110418)
        578505.01   4141356.41   177.93269 (09110418)   578525.01
4141356.41   184.13303 (09110418)
        578545.01   4141356.41   186.64569 (09110418)   578565.01
4141356.41   184.40475 (09110418)
        578585.01   4141356.41   176.87956 (09110418)   578605.01
4141356.41   164.43454 (09110418)

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        578625.01   4141356.41      170.48188  (12010309)              578645.01
4141356.41      215.37871  (12010309)
        578665.01   4141356.41      259.05754  (12010309)              578685.01
4141356.41      295.28818  (12010309)
        579025.01   4141356.41      569.30340  (16110418)              579045.01
4141356.41      566.83968  (13121417)
        579065.01   4141356.41      573.33503  (16010818)              579085.01
4141356.41      561.89627  (10121417)
        579105.01   4141356.41      544.43055  (13113018)              579125.01
4141356.41      536.36591  (09011017)
        579145.01   4141356.41      517.13070  (10120217)              579165.01
4141356.41      496.94240  (12111417)
        579185.01   4141356.41      462.61326  (17121318)              579205.01
4141356.41      438.29742  (13110618)
        579225.01   4141356.41      411.44711  (15011018)              579245.01
4141356.41      357.90382  (15011018)
        579265.01   4141356.41      293.44302  (09011517)              579285.01
4141356.41      267.56441  (09011517)
        579305.01   4141356.41      245.72775  (12120718)              578385.01
4141376.41      135.14721  (16030918)
        578405.01   4141376.41      140.69626  (16030918)              578425.01
4141376.41      145.07718  (16030918)
        578445.01   4141376.41      148.05005  (16030918)              578465.01
4141376.41      149.27852  (16030918)
        578485.01   4141376.41      154.32461  (09110418)              578505.01
4141376.41      170.87796  (09110418)
        578525.01   4141376.41      186.06150  (09110418)              578545.01
4141376.41      197.94089  (09110418)
        578565.01   4141376.41      206.54661  (09110418)              578585.01
4141376.41      210.12506  (09110418)
        578605.01   4141376.41      207.81061  (09110418)              578625.01
4141376.41      199.07034  (09110418)
        578645.01   4141376.41      184.00716  (09110418)              578665.01
4141376.41      218.25224  (12010309)
        578685.01   4141376.41      270.19120  (12010309)              579005.01
4141376.41      632.66755  (10120918)
        579025.01   4141376.41      638.04688  (09011617)              579045.01
4141376.41      645.76320  (09012317)
        579065.01   4141376.41      649.21115  (10121417)              579085.01
4141376.41      625.53279  (11112917)
        579105.01   4141376.41      613.76828  (12111418)              579125.01
4141376.41      603.96215  (09011017)
        579145.01   4141376.41      573.96872  (12111417)              579165.01
4141376.41      527.76334  (17121318)
        579185.01   4141376.41      496.83448  (13110618)              579205.01
4141376.41      464.29808  (15011018)
        579225.01   4141376.41      396.26449  (15011018)              579245.01
4141376.41      327.83326  (09011517)
        579265.01   4141376.41      291.48735  (09011517)              579285.01
4141376.41      276.63982  (17122918)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579305.01	4141376.41	263.68068	(17122918)	578385.01	4141396.41	129.26720	(16030918)
578405.01	4141396.41	138.32913	(16030918)	578425.01	4141396.41	146.91934	(16030918)
578445.01	4141396.41	154.79706	(16030918)	578465.01	4141396.41	161.63860	(16030918)
578485.01	4141396.41	166.90034	(16030918)	578505.01	4141396.41	170.19242	(16030918)
578525.01	4141396.41	171.40546	(16030918)	578545.01	4141396.41	188.19225	(09110418)
578565.01	4141396.41	206.80012	(09110418)	578585.01	4141396.41	222.47443	(09110418)
578605.01	4141396.41	233.68962	(09110418)	578625.01	4141396.41	238.85449	(09110418)
578645.01	4141396.41	236.64747	(09110418)	578665.01	4141396.41	226.34292	(09110418)
579005.01	4141396.41	707.75471	(10120918)	579025.01	4141396.41	726.89426	(09011617)
579045.01	4141396.41	732.13721	(09012317)	579065.01	4141396.41	730.59144	(10121417)
579085.01	4141396.41	696.29460	(13113018)	579105.01	4141396.41	696.55881	(09011017)
579125.01	4141396.41	663.41738	(12111417)	579145.01	4141396.41	608.15332	(17121318)
579165.01	4141396.41	570.18513	(13110618)	579185.01	4141396.41	529.83589	(15011018)
579205.01	4141396.41	441.98408	(15011018)	579225.01	4141396.41	367.99395	(09011517)

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        579245.01   4141396.41      325.42102  (12120718)               579265.01
4141396.41      312.99300  (17122918)
        579285.01   4141396.41      295.03721  (14011818)               579305.01
4141396.41      281.68839  (14011818)
        578385.01   4141416.41      141.48557  (14120118)               578405.01
4141416.41      140.78940  (14120118)
        578425.01   4141416.41      139.13238  (14120118)               578445.01
4141416.41      147.62091  (16030918)
        578465.01   4141416.41      159.06804  (16030918)               578485.01
4141416.41      170.02636  (16030918)
        578505.01   4141416.41      179.90732  (16030918)               578525.01
4141416.41      188.37765  (16030918)
        578545.01   4141416.41      194.82404  (16030918)               578565.01
4141416.41      198.52704  (16030918)
        578585.01   4141416.41      208.53597  (09110418)               578605.01
4141416.41      232.14626  (09110418)
        578625.01   4141416.41      252.47943  (09110418)               578645.01
4141416.41      267.37284  (09110418)
        578665.01   4141416.41      274.82889  (09110418)               579025.01
4141416.41      831.43135  (09011617)
        579045.01   4141416.41      832.66164  (16010818)               579065.01
4141416.41      819.62855  (11112917)
        579085.01   4141416.41      803.74243  (12111418)               579105.01
4141416.41      769.64909  (10120217)
        579125.01   4141416.41      711.58988  (17121518)               579145.01
4141416.41      664.35590  (13110618)
        579165.01   4141416.41      613.12990  (15011018)               579185.01
4141416.41      497.09462  (15011018)
        579205.01   4141416.41      415.06020  (09011517)               579225.01
4141416.41      375.44419  (17122918)
        579245.01   4141416.41      352.57898  (17122918)               579265.01
4141416.41      336.29724  (14011818)
        579285.01   4141416.41      309.78490  (14011818)               579305.01
4141416.41      290.20058  (17120218)
        578385.01   4141436.41      161.26436  (14120118)               578405.01
4141436.41      164.73224  (14120118)
        578425.01   4141436.41      167.41475  (14120118)               578445.01
4141436.41      169.20152  (14120118)
        578465.01   4141436.41      169.83379  (14120118)               578485.01
4141436.41      169.17916  (14120118)
        578505.01   4141436.41      171.02745  (16030918)               578525.01
4141436.41      185.83651  (16030918)
        578545.01   4141436.41      199.91362  (16030918)               578565.01
4141436.41      212.69850  (16030918)
        578585.01   4141436.41      223.59017  (16030918)               578605.01
4141436.41      231.59056  (16030918)
        578625.01   4141436.41      235.85984  (16030918)               578645.01
4141436.41      263.26637  (09110418)
        579025.01   4141436.41      956.11500  (09011617)               579045.01
4141436.41      982.82767  (10121417)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579065.01	4141436.41	940.13204	(13113018)	579085.01	4141436.41	938.18814	(09011017)
579105.01	4141436.41	864.75374	(12111417)	579125.01	4141436.41	788.73842	(13110618)
579145.01	4141436.41	721.94746	(15011018)	579165.01	4141436.41	564.71976	(15011018)
579185.01	4141436.41	470.26159	(09011517)	579205.01	4141436.41	438.31885	(17122918)
579225.01	4141436.41	410.45893	(14011818)	579245.01	4141436.41	378.45003	(14011818)
579265.01	4141436.41	348.70229	(17120218)	579285.01	4141436.41	325.93198	(17120218)
579305.01	4141436.41	297.45069	(09120518)	579325.01	4141436.41	276.00538	(17112018)
578385.01	4141456.41	167.19580	(14120118)	578405.01	4141456.41	174.74193	(14120118)
578425.01	4141456.41	182.02431	(14120118)	578445.01	4141456.41	188.90638	(14120118)
578465.01	4141456.41	195.15450	(14120118)	578485.01	4141456.41	200.59512	(14120118)
578505.01	4141456.41	204.78523	(14120118)	578525.01	4141456.41	207.84340	(14120118)
578545.01	4141456.41	209.01742	(14120118)	578565.01	4141456.41	208.43809	(14120118)
578585.01	4141456.41	221.30842	(16030918)	578605.01	4141456.41	240.16443	(16030918)
578625.01	4141456.41	257.37151	(16030918)	578645.01	4141456.41	271.75886	(16030918)

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        579045.01   4141456.41     1144.16095  (10121417)               579065.01
4141456.41     1130.15780  (09011017)
        579085.01   4141456.41     1078.67568  (12111417)               579105.01
4141456.41      959.04501  (13110618)
        579125.01   4141456.41      868.58461  (15011018)               579145.01
4141456.41      648.50218  (15011018)
        579165.01   4141456.41      556.75909  (17122918)               579185.01
4141456.41      515.42643  (14011818)
        579205.01   4141456.41      476.84667  (14011818)               579225.01
4141456.41      431.38705  (17120218)
        579245.01   4141456.41      398.05793  (17120218)               579265.01
4141456.41      359.25259  (09120518)
        578385.01   4141476.41      157.03260  (14120118)               578405.01
4141476.41      167.39867  (14120118)
        578425.01   4141476.41      178.11942  (14120118)               578445.01
4141476.41      189.10625  (14120118)
        578465.01   4141476.41      200.29472  (14120118)               578485.01
4141476.41      211.55297  (14120118)
        578505.01   4141476.41      222.49282  (14120118)               578525.01
4141476.41      233.20433  (14120118)
        578545.01   4141476.41      242.74877  (14120118)               578565.01
4141476.41      251.44139  (14120118)
        578585.01   4141476.41      258.62382  (14120118)               578605.01
4141476.41      263.79315  (14120118)
        578625.01   4141476.41      266.43532  (14120118)               578645.01
4141476.41      270.28387  (16030918)
        579065.01   4141476.41     1361.30674  (12111417)               579085.01
4141476.41     1220.02592  (17121318)
        579105.01   4141476.41     1075.07664  (15011018)               579125.01
4141476.41      789.03204  (09011517)
        579145.01   4141476.41      686.09644  (17122918)               579165.01
4141476.41      626.65570  (14011818)
        579185.01   4141476.41      554.79679  (17120218)               579205.01
4141476.41      502.74755  (17120218)
        579225.01   4141476.41      446.10385  (09120518)               578385.01
4141496.41      147.27036  (12010417)
        578405.01   4141496.41      150.40839  (12010417)               578425.01
4141496.41      160.75861  (17020418)
        578445.01   4141496.41      171.81599  (17020418)               578465.01
4141496.41      183.50687  (17020418)
        578485.01   4141496.41      197.36214  (14120118)               578505.01
4141496.41      212.77270  (14120118)
        578525.01   4141496.41      229.17168  (14120118)               578545.01
4141496.41      245.76636  (14120118)
        578565.01   4141496.41      262.91359  (14120118)               578585.01
4141496.41      280.25337  (14120118)
        578605.01   4141496.41      297.30187  (14120118)               578625.01
4141496.41      313.56190  (14120118)
        578645.01   4141496.41      328.59626  (14120118)               579085.01
4141496.41     1384.90847  (15011018)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579105.01	4141496.41	982.68640	(09011517)	579125.01	4141496.41	875.07456	(14011818)
579145.01	4141496.41	755.87847	(17120218)	579165.01	4141496.41	666.62699	(17120218)
579185.01	4141496.41	585.02218	(17112018)	579205.01	4141496.41	527.80941	(17112018)
578385.01	4141516.41	166.31250	(12010417)	578405.01	4141516.41	172.56978	(12010417)
578425.01	4141516.41	178.97001	(12010417)	578445.01	4141516.41	185.51096	(12010417)
578465.01	4141516.41	192.22001	(12010417)	578485.01	4141516.41	199.11022	(12010417)
578505.01	4141516.41	206.00252	(12010417)	578525.01	4141516.41	213.20753	(12010417)
578545.01	4141516.41	219.82410	(12010417)	578565.01	4141516.41	238.31459	(17020418)
578585.01	4141516.41	259.43802	(14120118)	578605.01	4141516.41	284.33524	(14120118)
578625.01	4141516.41	311.00800	(14120118)	578645.01	4141516.41	339.33639	(14120118)
579085.01	4141516.41	1346.72672	(14011818)	579105.01	4141516.41	1131.12394	(14011818)
579125.01	4141516.41	951.51080	(17120218)	579145.01	4141516.41	816.39801	(17112018)
579165.01	4141516.41	695.91613	(17112018)	578385.01	4141536.41	167.99249	(12010417)
578405.01	4141536.41	176.17688	(12010417)	578425.01	4141536.41	184.93580	(12010417)

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        578445.01   4141536.41      194.28634  (12010417)              578465.01
4141536.41      204.19699  (12010417)
        578485.01   4141536.41      214.80320  (12010417)              578505.01
4141536.41      226.01918  (12010417)
        578525.01   4141536.41      238.41213  (12010417)              578545.01
4141536.41      250.80222  (12010417)
        578565.01   4141536.41      264.50074  (12010417)              578585.01
4141536.41      278.91291  (12010417)
        578605.01   4141536.41      294.12030  (12010417)              578625.01
4141536.41      310.27393  (12010417)
        578645.01   4141536.41      327.21020  (12010417)              578665.01
4141536.41      344.89188  (12010417)
        579105.01   4141536.41     1237.06432  (17112018)              579125.01
4141536.41      956.21201  (17112018)
        579185.01   4141536.41      613.70166  (11121418)              578385.01
4141556.41      180.08062  (13012417)
        578405.01   4141556.41      187.70960  (13012417)              578425.01
4141556.41      195.89949  (13012417)
        578445.01   4141556.41      204.72934  (13012417)              578465.01
4141556.41      214.23481  (13012417)
        578485.01   4141556.41      224.45212  (13012417)              578505.01
4141556.41      235.48880  (13012417)
        578525.01   4141556.41      247.65159  (13012417)              578545.01
4141556.41      260.36978  (13012417)
        578565.01   4141556.41      274.55437  (13012417)              578585.01
4141556.41      289.97296  (13012417)
        578605.01   4141556.41      306.85519  (13012417)              578625.01
4141556.41      325.36095  (13012417)
        578645.01   4141556.41      347.48551  (12010417)              578665.01
4141556.41      375.71894  (12010417)
        578685.01   4141556.41      407.29847  (12010417)              579165.01
4141556.41      717.84158  (11112918)
        579185.01   4141556.41      623.42025  (11112918)              579205.01
4141556.41      547.46103  (11112918)
        578385.01   4141576.41      183.82646  (13012417)              578405.01
4141576.41      192.23441  (13012417)
        578425.01   4141576.41      201.32863  (13012417)              578445.01
4141576.41      211.20769  (13012417)
        578465.01   4141576.41      221.91322  (13012417)              578485.01
4141576.41      233.60994  (13012417)
        578505.01   4141576.41      246.41693  (13012417)              578525.01
4141576.41      260.63003  (13012417)
        578545.01   4141576.41      275.90450  (13012417)              578565.01
4141576.41      292.95555  (13012417)
        578585.01   4141576.41      311.87502  (13012417)              578605.01
4141576.41      332.98314  (13012417)
        578625.01   4141576.41      356.66747  (13012417)              578645.01
4141576.41      383.46189  (13012417)
        578665.01   4141576.41      413.66060  (13012417)              578685.01
4141576.41      448.04625  (13012417)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578705.01	4141576.41	487.64781	(13012417)	579145.01	4141576.41	731.28005	(11112918)
579165.01	4141576.41	619.23357	(11112918)	579185.01	4141576.41	532.83303	(11112918)
579205.01	4141576.41	464.56542	(11112918)	579225.01	4141576.41	409.38587	(11112918)
579245.01	4141576.41	364.09670	(11112918)	579265.01	4141576.41	326.41446	(11112918)
578385.01	4141596.41	169.99967	(17121418)	578405.01	4141596.41	177.52794	(17121418)
578425.01	4141596.41	185.62056	(17121418)	578445.01	4141596.41	194.40378	(17121418)
578465.01	4141596.41	203.91002	(17121418)	578485.01	4141596.41	214.24514	(17121418)
578505.01	4141596.41	225.60334	(17121418)	578525.01	4141596.41	238.06235	(17121418)
578545.01	4141596.41	251.56511	(17121418)	578565.01	4141596.41	266.58375	(17121418)
578585.01	4141596.41	283.16949	(17121418)	578605.01	4141596.41	301.59838	(17121418)
578625.01	4141596.41	322.25492	(17121418)	578645.01	4141596.41	345.53052	(17121418)
578665.01	4141596.41	371.97465	(17121418)	578685.01	4141596.41	402.06388	(17121418)
578705.01	4141596.41	436.50249	(17121418)	578725.01	4141596.41	476.70886	(17121418)
578745.01	4141596.41	524.07267	(17121418)	579105.01	4141596.41	1030.89095	(16011318)

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        579145.01   4141596.41      739.90974  (16011318)              579165.01
4141596.41      632.25759  (16011318)
        579185.01   4141596.41      544.43097  (16011318)              579205.01
4141596.41      472.35468  (16011318)
        579225.01   4141596.41      412.93764  (16011318)              579245.01
4141596.41      363.44562  (16011318)
        579265.01   4141596.41      321.95202  (16011318)              579285.01
4141596.41      286.83426  (16011318)
        579305.01   4141596.41      257.05929  (16011318)              579325.01
4141596.41      231.86946  (09112318)
        579345.01   4141596.41      216.09514  (09112318)              578385.01
4141616.41      152.03328  (10012218)
        578405.01   4141616.41      160.00512  (10012218)              578425.01
4141616.41      168.56315  (10012218)
        578445.01   4141616.41      177.76959  (10012218)              578465.01
4141616.41      187.70273  (10012218)
        578485.01   4141616.41      198.45850  (10012218)              578505.01
4141616.41      210.18549  (10012218)
        578525.01   4141616.41      223.10018  (10012218)              578545.01
4141616.41      236.68256  (10012218)
        578565.01   4141616.41      251.81078  (10012218)              578585.01
4141616.41      268.19557  (10012218)
        578605.01   4141616.41      286.11620  (10012218)              578625.01
4141616.41      305.76872  (10012218)
        578645.01   4141616.41      327.20130  (10012218)              578665.01
4141616.41      350.89567  (10012218)
        578685.01   4141616.41      377.13090  (10012218)              578705.01
4141616.41      405.95068  (10012218)
        578725.01   4141616.41      437.35230  (10012218)              578745.01
4141616.41      471.93473  (10012218)
        579065.01   4141616.41     1218.19000  (17112518)              579085.01
4141616.41     1053.86208  (09012218)
        579105.01   4141616.41      931.04909  (09012218)              579125.01
4141616.41      782.92392  (09012218)
        579165.01   4141616.41      602.53119  (17010418)              579185.01
4141616.41      528.37797  (16011318)
        579205.01   4141616.41      479.83838  (16011318)              579225.01
4141616.41      435.19798  (16011318)
        579245.01   4141616.41      394.74072  (16011318)              579265.01
4141616.41      358.38699  (16011318)
        579285.01   4141616.41      325.75990  (16011318)              579305.01
4141616.41      296.88875  (16011318)
        579325.01   4141616.41      271.16670  (16011318)              579345.01
4141616.41      248.17982  (16011318)
        578385.01   4141636.41      157.33431  (10012218)              578405.01
4141636.41      164.13000  (10012218)
        578425.01   4141636.41      171.27996  (10012218)              578445.01
4141636.41      178.79350  (10012218)
        578465.01   4141636.41      186.67754  (10012218)              578485.01
4141636.41      194.87317  (10012218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578505.01	4141636.41	203.51371	(10012218)	578525.01	4141636.41	212.58071	(10012218)
578545.01	4141636.41	221.84207	(10012218)	578565.01	4141636.41	231.51374	(10012218)
578585.01	4141636.41	241.51907	(10012218)	578605.01	4141636.41	251.58930	(10012218)
578625.01	4141636.41	261.62020	(10012218)	578645.01	4141636.41	271.57353	(10012218)
578665.01	4141636.41	281.10854	(10012218)	578685.01	4141636.41	290.12790	(10012218)
578705.01	4141636.41	298.00373	(10012218)	578725.01	4141636.41	346.47863	(15102718)
579045.01	4141636.41	1033.06055	(13012318)	579065.01	4141636.41	949.56399	(11121618)
579085.01	4141636.41	897.20002	(17112518)	579105.01	4141636.41	816.51301	(17112518)
579125.01	4141636.41	712.49246	(09012218)	579165.01	4141636.41	577.85141	(09012218)
579185.01	4141636.41	498.08079	(16112518)	579205.01	4141636.41	454.60377	(17010418)
579225.01	4141636.41	416.63788	(17010418)	579245.01	4141636.41	378.50122	(17010418)
579265.01	4141636.41	341.77874	(17010418)	579285.01	4141636.41	312.62371	(16011318)
579305.01	4141636.41	293.02649	(16011318)	579325.01	4141636.41	274.19311	(16011318)
579345.01	4141636.41	256.34734	(16011318)	578385.01	4141656.41	145.11797	(10012218)

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        578405.01   4141656.41      149.29669  (10012218)               578425.01
4141656.41      153.41431  (10012218)
        578445.01   4141656.41      157.50966  (10012218)               578465.01
4141656.41      161.58328  (10012218)
        578485.01   4141656.41      165.40208  (10012218)               578505.01
4141656.41      169.09642  (10012218)
        578525.01   4141656.41      172.29904  (10012218)               578545.01
4141656.41      175.10265  (10012218)
        578565.01   4141656.41      177.37163  (10012218)               578585.01
4141656.41      178.93632  (10012218)
        578605.01   4141656.41      189.46536  (10122809)               578625.01
4141656.41      215.14120  (10122809)
        578645.01   4141656.41      244.53414  (15102718)               578665.01
4141656.41      282.36727  (15102718)
        578685.01   4141656.41      324.59844  (15102718)               578705.01
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        578725.01   4141656.41      416.87961  (15102718)               579005.01
4141656.41     1160.44419  (14121218)
        579025.01   4141656.41     1071.32347  (14121218)               579045.01
4141656.41      861.96057  (14020618)
        579065.01   4141656.41      796.42164  (13012318)               579085.01
4141656.41      725.28240  (11121618)
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4141656.41      659.17851  (17112518)
        579145.01   4141656.41      589.95850  (17112518)               579185.01
4141656.41      491.68571  (09012218)
        579205.01   4141656.41      450.11131  (09012218)               579225.01
4141656.41      402.30273  (09012218)
        579245.01   4141656.41      358.09314  (16112518)               579265.01
4141656.41      329.14561  (17010418)
        579285.01   4141656.41      309.42142  (17010418)               579305.01
4141656.41      288.61892  (17010418)
        579325.01   4141656.41      267.44947  (17010418)               579345.01
4141656.41      246.70953  (17010418)
        578385.01   4141676.41      119.32529  (10012218)               578405.01
4141676.41      120.41311  (10012218)
        578425.01   4141676.41      121.19816  (10012218)               578445.01
4141676.41      121.67517  (10012218)
        578465.01   4141676.41      121.78009  (10012218)               578485.01
4141676.41      121.33692  (10012218)
        578505.01   4141676.41      134.82586  (10122809)               578525.01
4141676.41      150.29925  (10122809)
        578545.01   4141676.41      166.99184  (10122809)               578565.01
4141676.41      184.71879  (10122809)
        578585.01   4141676.41      208.30466  (15102718)               578605.01
4141676.41      234.19453  (15102718)
        578625.01   4141676.41      261.72166  (15102718)               578645.01
4141676.41      290.15155  (15102718)
        578665.01   4141676.41      318.17741  (15102718)               578685.01
4141676.41      343.88474  (15102718)
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        578705.01   4141676.41      409.96709  (16120718)                578985.01
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        579005.01   4141676.41      935.24824  (14121218)                579025.01
4141676.41      917.15298  (14121218)
        579045.01   4141676.41      765.78762  (14121218)                579065.01
4141676.41      677.40928  (13012318)
        579085.01   4141676.41      637.18612  (13012318)                579105.01
4141676.41      569.39788  (11121618)
        579125.01   4141676.41      572.82811  (11121618)                579145.01
4141676.41      536.89631  (17112518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 841
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579165.01   4141676.41      505.30692  (17112518)                579185.01
4141676.41      449.80276  (17112518)
        579205.01   4141676.41      404.94061  (15110918)                579225.01
4141676.41      385.93635  (09012218)
        579245.01   4141676.41      362.22088  (09012218)                579265.01
4141676.41      332.87692  (09012218)
        579285.01   4141676.41      300.78464  (09012218)                579305.01
4141676.41      274.07418  (16112518)
        579325.01   4141676.41      255.56054  (16112518)                579345.01
4141676.41      240.81258  (17010418)
        578385.01   4141696.41       92.14737  (10122809)                578405.01
4141696.41      101.70468  (10122809)
        578425.01   4141696.41      112.02076  (10122809)                578445.01
4141696.41      123.06987  (10122809)
        578465.01   4141696.41      134.69656  (10122809)                578485.01
4141696.41      146.78530  (10122809)
        578505.01   4141696.41      161.88450  (15102718)                578525.01
4141696.41      179.41410  (15102718)
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        578565.01   4141696.41      216.57900  (15102718)               578585.01
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        578605.01   4141696.41      253.08957  (15102718)               578625.01
4141696.41      268.85713  (15102718)
        578645.01   4141696.41      311.74820  (16120718)               578665.01
4141696.41      358.54112  (16120718)
        578685.01   4141696.41      403.36861  (16120718)               578945.01
4141696.41      968.94245  (16120918)
        578965.01   4141696.41      837.24300  (14103118)               578985.01
4141696.41      822.30647  (14103118)
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        579045.01   4141696.41      705.20831  (14121218)               579065.01
4141696.41      601.35343  (14020618)
        579085.01   4141696.41      564.37478  (13012318)               579105.01
4141696.41      522.97035  (13012318)
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4141696.41      472.33987  (11121618)
        579165.01   4141696.41      456.57644  (11121618)               579185.01
4141696.41      430.24366  (17112518)
        579205.01   4141696.41      400.89855  (17112518)               579225.01
4141696.41      360.82318  (15110918)
        579245.01   4141696.41      328.69346  (15110918)               579265.01
4141696.41      312.10518  (09012218)
        579285.01   4141696.41      298.57084  (09012218)               579305.01
4141696.41      280.17149  (09012218)
        579325.01   4141696.41      258.82302  (09012218)               579345.01
4141696.41      235.98637  (09012218)
        578385.01   4141716.41      111.74286  (10122809)               578405.01
4141716.41      120.47660  (10122809)
        578425.01   4141716.41      130.40611  (15102718)               578445.01
4141716.41      143.00355  (15102718)
        578465.01   4141716.41      156.05622  (15102718)               578485.01
4141716.41      169.43045  (15102718)
        578505.01   4141716.41      182.93250  (15102718)               578525.01
4141716.41      195.97101  (15102718)
        578605.01   4141716.41      280.72083  (16120718)               578625.01
4141716.41      313.61686  (16120718)
        578645.01   4141716.41      343.00884  (16120718)               578665.01
4141716.41      365.12614  (16120718)
        578685.01   4141716.41      379.94279  (16011818)               578905.01
4141716.41      987.36662  (12112718)
        578925.01   4141716.41      952.27342  (09112618)               578945.01
4141716.41      738.37391  (11112817)
        578965.01   4141716.41      706.88928  (14103118)               578985.01
4141716.41      694.54951  (14103118)
        579005.01   4141716.41      658.18364  (12121918)               579025.01
4141716.41      676.28030  (14121218)
        579045.01   4141716.41      644.43050  (14121218)               579065.01
4141716.41      542.68742  (14020618)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579085.01	4141716.41	478.76454	(14020618)	579105.01	4141716.41	478.40070	(13012318)
579125.01	4141716.41	438.08822	(13012318)	579145.01	4141716.41	374.14193	(16112618)
579165.01	4141716.41	393.50263	(11121618)	579185.01	4141716.41	391.82062	(11121618)
579205.01	4141716.41	367.21130	(11121618)	579225.01	4141716.41	352.95472	(17112518)
579245.01	4141716.41	326.88125	(17112518)	579265.01	4141716.41	298.40626	(15110918)
579285.01	4141716.41	274.23184	(15110918)	579305.01	4141716.41	258.24971	(09012218)
579325.01	4141716.41	250.67893	(09012218)	579345.01	4141716.41	239.11025	(09012218)
578385.01	4141736.41	127.14943	(15102718)	578405.01	4141736.41	137.20496	(15102718)
578425.01	4141736.41	147.26594	(15102718)	578445.01	4141736.41	157.05550	(15102718)
578465.01	4141736.41	166.29584	(15102718)	578485.01	4141736.41	174.69018	(15102718)
578505.01	4141736.41	181.93064	(15102718)	578625.01	4141736.41	307.20755	(16120718)
578645.01	4141736.41	317.25885	(16011818)	578665.01	4141736.41	347.15279	(09122918)
578865.01	4141736.41	772.99803	(16121017)	578885.01	4141736.41	811.66350	(12112718)
578905.01	4141736.41	846.77005	(09112618)	578925.01	4141736.41	749.00660	(16120918)

578945.01 4141736.41 610.85868 (11112817) 578965.01
4141736.41 609.46567 (14103118)
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579065.01 4141736.41 500.01995 (14121218) 579085.01
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579185.01 4141736.41 330.59546 (11121618) 579205.01
4141736.41 337.82885 (11121618)
579225.01 4141736.41 325.99073 (11121618) 579245.01
4141736.41 308.21848 (17112518)
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579305.01 4141736.41 252.28799 (15110918) 579325.01
4141736.41 233.60397 (15110918)
579345.01 4141736.41 217.55668 (09012218) 578385.01
4141756.41 136.78909 (15102718)
578405.01 4141756.41 143.66333 (15102718) 578425.01
4141756.41 149.73588 (15102718)
578445.01 4141756.41 154.70557 (15102718) 578465.01
4141756.41 168.61325 (16120718)
578485.01 4141756.41 188.53438 (16120718) 578845.01
4141756.41 654.86469 (16121017)
578865.01 4141756.41 646.17839 (12112718) 578885.01
4141756.41 722.73896 (12112718)
578905.01 4141756.41 717.67524 (09112618) 578925.01
4141756.41 594.20591 (14120418)
578945.01 4141756.41 514.27696 (14010809) 578965.01
4141756.41 533.61503 (14103118)
578985.01 4141756.41 519.04751 (14103118) 579005.01
4141756.41 477.02514 (12121918)
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4141756.41 519.93978 (14121218)
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4141756.41 415.58208 (14020618)
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4141756.41 360.88814 (13012318)
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4141756.41 322.51470 (13012318)
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4141756.41 289.24816 (11121618)
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4141756.41 263.71667 (17112518)

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        579305.01   4141756.41      250.91920  (17112518)                579325.01
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4141776.41      190.53240  (16120718)
        578485.01   4141776.41      204.33982  (16120718)                578825.01
4141776.41      579.95496  (09010809)
        578845.01   4141776.41      569.53538  (16121017)                578865.01
4141776.41      628.29457  (12112718)
        578885.01   4141776.41      646.49122  (09112618)                578905.01
4141776.41      597.76765  (16120918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP16  ***
                                     INCLUDING SOURCE(S):     DEMO2_1D    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578925.01   4141776.41      477.94380  (11112817)                578945.01
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        578965.01   4141776.41      472.79151  (14103118)                578985.01
4141776.41      456.88872  (14103118)
        579005.01   4141776.41      408.73387  (12121918)                579025.01
4141776.41      452.88780  (12121918)
        579045.01   4141776.41      458.90438  (14121218)                579065.01
4141776.41      445.83576  (14121218)
        579085.01   4141776.41      372.92910  (14121218)                579105.01
4141776.41      359.22592  (14020618)
        579125.01   4141776.41      311.68044  (14020618)                579145.01
4141776.41      320.90451  (13012318)
        579165.01   4141776.41      313.85316  (13012318)                579185.01
4141776.41      282.03483  (13012318)
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        579205.01   4141776.41      238.46568  (16112618)               579225.01
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4141776.41      256.70496  (11121618)
        579285.01   4141776.41      247.90525  (11121618)               579305.01
4141776.41      233.95890  (17112518)
        579325.01   4141776.41      228.29893  (17112518)               579345.01
4141776.41      216.26249  (17112518)
        578405.01   4141796.41      162.71328  (16120718)               578425.01
4141796.41      174.39250  (16120718)
        578445.01   4141796.41      184.47093  (16120718)               578465.01
4141796.41      192.31761  (16120718)
        578805.01   4141796.41      519.00985  (09010809)               578825.01
4141796.41      512.16113  (16121017)
        578845.01   4141796.41      529.57394  (12112718)               578865.01
4141796.41      556.85115  (12112718)
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4141796.41      497.39760  (14120418)
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        579085.01   4141796.41      365.20525  (14121218)               579105.01
4141796.41      330.86038  (14020618)
        579125.01   4141796.41      307.64932  (14020618)               579145.01
4141796.41      272.71495  (13012318)
        579165.01   4141796.41      287.23152  (13012318)               579185.01
4141796.41      277.97122  (13012318)
        579205.01   4141796.41      249.31107  (13012318)               579225.01
4141796.41      209.40797  (16112618)
        579245.01   4141796.41      216.16597  (16112618)               579265.01
4141796.41      221.64576  (11121618)
        579285.01   4141796.41      228.20207  (11121618)               579305.01
4141796.41      224.84632  (11121618)
        579325.01   4141796.41      213.38397  (11121618)               579345.01
4141796.41      206.18746  (17112518)
        578445.01   4141816.41      176.43717  (16011818)               578585.01
4141816.41      240.56711  (12111618)
        578605.01   4141816.41      273.40511  (12111618)               578665.01
4141816.41      332.27596  (09121117)
        578685.01   4141816.41      352.23551  (12010318)               578785.01
4141816.41      466.70340  (09010809)
        578805.01   4141816.41      458.43302  (16121017)               578825.01
4141816.41      438.16927  (12112718)
        578845.01   4141816.41      503.25595  (12112718)               578865.01
4141816.41      515.83160  (09112618)
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        578885.01   4141816.41      489.08843  (16120918)                578905.01
4141816.41      403.48689  (14120418)
        578925.01   4141816.41      363.62675  (11112817)                578945.01
4141816.41      336.50337  (14010809)
        578965.01   4141816.41      381.10481  (14103118)                578985.01
4141816.41      363.86806  (14103118)
        579005.01   4141816.41      319.92509  (11110318)                579025.01
4141816.41      360.00699  (12121918)
        579045.01   4141816.41      359.86968  (12121918)                579065.01
4141816.41      374.61161  (14121218)
        579085.01   4141816.41      350.90247  (14121218)                579105.01
4141816.41      296.17682  (14020618)
        579125.01   4141816.41      293.22423  (14020618)                579145.01
4141816.41      261.87364  (14020618)
        579165.01   4141816.41      249.55232  (13012318)                579185.01
4141816.41      258.55987  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579205.01   4141816.41      248.26572  (13012318)                579225.01
4141816.41      222.28008  (13012318)
        579245.01   4141816.41      187.00216  (13012318)                579265.01
4141816.41      193.11320  (16112618)
        579285.01   4141816.41      194.26638  (11121618)                579305.01
4141816.41      203.05052  (11121618)
        579325.01   4141816.41      203.69545  (11121618)                579345.01
4141816.41      197.00906  (11121618)
        578565.01   4141836.41      234.94803  (12111618)                578585.01
4141836.41      257.67824  (12111618)
        578605.01   4141836.41      268.43713  (12111618)                578625.01
4141836.41      278.89969  (09121117)
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578645.01 4141836.41 305.41445 (09121117) 578665.01
4141836.41 319.14911 (12010318)
578685.01 4141836.41 314.83499 (12010318) 578705.01
4141836.41 338.70011 (11112818)
578725.01 4141836.41 369.26812 (11112818) 578765.01
4141836.41 421.69842 (09010809)
578785.01 4141836.41 409.52760 (16121017) 578805.01
4141836.41 394.54621 (16121017)
578825.01 4141836.41 441.68424 (12112718) 578845.01
4141836.41 445.21958 (09112618)
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578905.01 4141836.41 342.01483 (11112817) 578925.01
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578945.01 4141836.41 309.30854 (14103118) 578965.01
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579105.01 4141836.41 288.52418 (14121218) 579125.01
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579145.01 4141836.41 257.14535 (14020618) 579165.01
4141836.41 222.28332 (14020618)
579185.01 4141836.41 229.05076 (13012318) 579205.01
4141836.41 234.13580 (13012318)
579225.01 4141836.41 223.24410 (13012318) 579245.01
4141836.41 199.81307 (13012318)
579265.01 4141836.41 168.87321 (13012318) 579285.01
4141836.41 173.53068 (16112618)
579305.01 4141836.41 174.16278 (16112618) 579325.01
4141836.41 181.01983 (11121618)
579345.01 4141836.41 184.35837 (11121618) 578565.01
4141856.41 239.61232 (12111618)
578585.01 4141856.41 241.98471 (12111618) 578605.01
4141856.41 262.74606 (09121117)
578625.01 4141856.41 279.88836 (09121117) 578645.01
4141856.41 289.47360 (12010318)
578665.01 4141856.41 280.35500 (12010318) 578685.01
4141856.41 309.71397 (11112818)
578705.01 4141856.41 334.29032 (11112818) 578725.01
4141856.41 359.07894 (09010809)
578745.01 4141856.41 382.79553 (09010809) 578765.01
4141856.41 365.86335 (16121017)
578785.01 4141856.41 367.79561 (16121017) 578805.01
4141856.41 380.10328 (12112718)
578825.01 4141856.41 413.26037 (12112718) 578845.01
4141856.41 424.76391 (09112618)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578865.01	4141856.41	408.75618	(16120918)	578885.01	4141856.41	355.28138	(14120418)
578905.01	4141856.41	308.72516	(11112817)	578925.01	4141856.41	293.04361	(14010809)
578945.01	4141856.41	287.24084	(14103118)	578965.01	4141856.41	315.47852	(14103118)
578985.01	4141856.41	298.32535	(14103118)	579005.01	4141856.41	267.08189	(11110318)
579025.01	4141856.41	287.21185	(12121918)	579045.01	4141856.41	305.46780	(12121918)
579065.01	4141856.41	302.35707	(14121218)	579085.01	4141856.41	310.02421	(14121218)
579105.01	4141856.41	282.72293	(14121218)	579125.01	4141856.41	245.00281	(14020618)
579145.01	4141856.41	244.95144	(14020618)	579165.01	4141856.41	223.96287	(14020618)
579185.01	4141856.41	194.39647	(13012318)	579205.01	4141856.41	210.88536	(13012318)
579225.01	4141856.41	213.01577	(13012318)	579245.01	4141856.41	202.02932	(13012318)
579265.01	4141856.41	180.77368	(13012318)	579285.01	4141856.41	153.45350	(13012318)
579305.01	4141856.41	156.65560	(16112618)	579325.01	4141856.41	158.74137	(16112618)
579345.01	4141856.41	161.73098	(11121618)	578545.01	4141876.41	220.46549	(12111618)
578565.01	4141876.41	223.73688	(09121117)	578585.01	4141876.41	246.18530	(09121117)

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        578605.01   4141876.41      257.66895  (12010318)              578625.01
4141876.41      263.10642  (12010318)
        578645.01   4141876.41      250.84104  (12010318)              578665.01
4141876.41      284.66630  (11112818)
        578685.01   4141876.41      304.65505  (11112818)              578705.01
4141876.41      324.46518  (09010809)
        578725.01   4141876.41      349.04001  (09010809)              578745.01
4141876.41      328.30839  (09010809)
        578765.01   4141876.41      340.45696  (16121017)              578785.01
4141876.41      322.90043  (12112718)
        578805.01   4141876.41      373.73503  (12112718)              578825.01
4141876.41      373.70192  (09112618)
        578845.01   4141876.41      385.70427  (09112618)              578865.01
4141876.41      360.04247  (14120418)
        578885.01   4141876.41      292.07364  (14120418)              578905.01
4141876.41      276.87336  (11112817)
        578925.01   4141876.41      264.21306  (14010809)              578945.01
4141876.41      267.57668  (14103118)
        578965.01   4141876.41      289.43400  (14103118)              578985.01
4141876.41      272.49115  (14103118)
        579005.01   4141876.41      246.12334  (14123117)              579025.01
4141876.41      257.18262  (12121918)
        579045.01   4141876.41      280.53822  (12121918)              579065.01
4141876.41      268.90336  (14121218)
        579085.01   4141876.41      286.47125  (14121218)              579105.01
4141876.41      272.76847  (14121218)
        579125.01   4141876.41      233.57628  (14121218)              579145.01
4141876.41      227.62073  (14020618)
        579165.01   4141876.41      218.94969  (14020618)              579185.01
4141876.41      194.36371  (14020618)
        579205.01   4141876.41      182.37004  (13012318)              579225.01
4141876.41      194.64992  (13012318)
        579245.01   4141876.41      194.75665  (13012318)              579265.01
4141876.41      183.86208  (13012318)
        579285.01   4141876.41      164.49380  (13012318)              579305.01
4141876.41      140.31255  (13012318)
        579325.01   4141876.41      142.19722  (16112618)              579345.01
4141876.41      145.17698  (16112618)
        578545.01   4141896.41      213.78927  (09121117)              578565.01
4141896.41      229.88294  (09121117)
        578585.01   4141896.41      238.77917  (12010318)              578605.01
4141896.41      239.55044  (12010318)
        578625.01   4141896.41      227.63794  (11112818)              578645.01
4141896.41      262.89808  (11112818)
        578665.01   4141896.41      279.28673  (11112818)              578685.01
4141896.41      294.95743  (09010809)
        578705.01   4141896.41      319.59712  (09010809)              578725.01
4141896.41      306.54115  (09010809)
        578745.01   4141896.41      313.83127  (16121017)              578765.01
4141896.41      294.45624  (09122109)
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        578785.01   4141896.41      331.37314  (12112718)                578805.01
4141896.41      345.99564  (12112718)
        578825.01   4141896.41      358.20186  (09112618)                578845.01
4141896.41      347.77322  (16120918)
        578865.01   4141896.41      313.62133  (14120418)                578885.01
4141896.41      260.90403  (11112817)
        578905.01   4141896.41      247.15786  (11112817)                578925.01
4141896.41      238.07081  (14010809)
        578945.01   4141896.41      249.89241  (14103118)                578965.01
4141896.41      266.70477  (14103118)
        578985.01   4141896.41      250.23133  (14103118)                579005.01
4141896.41      228.22004  (14123117)
        579025.01   4141896.41      230.78524  (12121918)                579045.01
4141896.41      257.36308  (12121918)
        579065.01   4141896.41      253.41384  (12121918)                579085.01
4141896.41      262.47169  (14121218)
        579105.01   4141896.41      259.75864  (14121218)                579125.01
4141896.41      232.24307  (14121218)
        579145.01   4141896.41      207.00608  (14020618)                579165.01
4141896.41      208.62121  (14020618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579185.01   4141896.41      194.40865  (14020618)                579205.01
4141896.41      168.35739  (14020618)
        579225.01   4141896.41      171.13115  (13012318)                579245.01
4141896.41      180.17163  (13012318)
        579265.01   4141896.41      178.79199  (13012318)                579285.01
4141896.41      168.12716  (13012318)
        579305.01   4141896.41      150.55300  (13012318)                579325.01
4141896.41      128.95816  (13012318)
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579345.01 4141896.41 129.57092 (16112618) 578565.01
4141916.41 221.16212 (12010318)
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4141916.41 240.33886 (11112817)
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4141916.41 246.75999 (14103118)
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579025.01 4141916.41 207.64902 (12121918) 579045.01
4141916.41 236.09475 (12121918)
579065.01 4141916.41 238.40686 (12121918) 579085.01
4141916.41 238.84946 (14121218)
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4141916.41 227.48172 (14121218)
579145.01 4141916.41 192.86538 (14121218) 579165.01
4141916.41 194.45176 (14020618)
579185.01 4141916.41 189.40905 (14020618) 578386.27
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4141125.26 138.38158 (12010309)
578446.27 4141125.26 135.22487 (11122717) 578466.27
4141125.26 134.52756 (11122717)
578486.27 4141125.26 130.32839 (11122717) 578506.27
4141125.26 122.35868 (11122717)
578526.27 4141125.26 109.96832 (11122717) 578546.27
4141125.26 102.72405 (14122618)
578566.27 4141125.26 118.21595 (16020318) 578586.27
4141125.26 131.61237 (16020318)
578606.27 4141125.26 139.56008 (16020318) 578626.27
4141125.26 140.22863 (16020318)
578646.27 4141125.26 133.14710 (16020318) 578666.27
4141125.26 139.45993 (14112017)
578686.27 4141125.26 164.08299 (14112017) 578706.27
4141125.26 180.65101 (14112017)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP16 ***
INCLUDING SOURCE(S): DEMO2_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578726.27	4141125.26	191.02694	(13111917)	578746.27	4141125.26	206.66216	(09012117)
578766.27	4141125.26	213.48750	(09012117)	578786.27	4141125.26	208.01304	(17122818)
578806.27	4141125.26	207.54061	(15011918)	578826.27	4141125.26	221.28125	(14121217)
578846.27	4141125.26	211.63659	(14121217)	578866.27	4141125.26	213.94224	(11010818)
578886.27	4141125.26	228.75367	(11010818)	578906.27	4141125.26	234.07690	(14010318)
578926.27	4141125.26	225.23442	(14010317)	578946.27	4141125.26	238.95569	(16120717)
578966.27	4141125.26	240.22373	(10010917)	578986.27	4141125.26	239.88017	(14122017)
579006.27	4141125.26	244.09717	(14122017)	579026.27	4141125.26	243.19062	(13121418)
579046.27	4141125.26	237.82487	(16112517)	579066.27	4141125.26	241.38499	(16110418)
579086.27	4141125.26	240.85336	(13122818)	579106.27	4141125.26	236.14981	(09012317)
579126.27	4141125.26	240.43326	(09012317)	579146.27	4141125.26	233.03741	(11122618)
579166.27	4141125.26	235.22800	(10121417)	579186.27	4141125.26	227.47763	(11112917)
579206.27	4141125.26	219.91838	(10010418)	578386.27	4141145.26	124.70507	(12010309)
578406.27	4141145.26	135.37087	(12010309)	578426.27	4141145.26	141.66524	(12010309)

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        578486.27   4141145.26      141.44045  (11122717)              578506.27
4141145.26      138.91247  (11122717)
        578526.27   4141145.26      130.93598  (11122717)              578546.27
4141145.26      117.95230  (11122717)
        578566.27   4141145.26      108.96290  (14122618)              578586.27
4141145.26      126.75883  (16020318)
        578606.27   4141145.26      140.75846  (16020318)              578626.27
4141145.26      148.25819  (16020318)
        578646.27   4141145.26      147.69771  (16020318)              578666.27
4141145.26      138.33524  (16020318)
        578686.27   4141145.26      156.87185  (14112017)              578706.27
4141145.26      181.06485  (14112017)
        578726.27   4141145.26      194.76254  (14112017)              578746.27
4141145.26      207.51103  (11010817)
        578766.27   4141145.26      224.22655  (09012117)              578786.27
4141145.26      221.52340  (09012117)
        578806.27   4141145.26      219.40120  (15011918)              578826.27
4141145.26      230.90659  (14121217)
        578846.27   4141145.26      229.94810  (14121217)              578866.27
4141145.26      218.60354  (16011518)
        578886.27   4141145.26      240.30683  (11010818)              578906.27
4141145.26      247.32800  (14010318)
        578926.27   4141145.26      235.35425  (14010317)              578946.27
4141145.26      251.47575  (16120717)
        578966.27   4141145.26      253.60783  (10010917)              578986.27
4141145.26      253.62218  (14122017)
        579006.27   4141145.26      257.80942  (14122017)              579026.27
4141145.26      256.56130  (13121418)
        579046.27   4141145.26      252.86781  (16112517)              579066.27
4141145.26      253.51494  (16110418)
        579086.27   4141145.26      254.15390  (13122818)              579106.27
4141145.26      254.90231  (09012317)
        579126.27   4141145.26      250.20980  (13112618)              579146.27
4141145.26      247.85739  (10121417)
        579166.27   4141145.26      244.51512  (10121417)              579186.27
4141145.26      240.17628  (11112917)
        579206.27   4141145.26      231.11141  (10010418)              578723.62
4141929.59      274.42345  (16121017)
        578743.62   4141929.59      255.02689  (09122109)              578763.62
4141929.59      289.74822  (12112718)
        578783.62   4141929.59      304.88286  (12112718)              578803.62
4141929.59      311.93820  (09112618)
        578823.62   4141929.59      307.44410  (16120918)              578843.62
4141929.59      291.89478  (14120418)
        578863.62   4141929.59      241.01143  (14120418)              578883.62
4141929.59      227.54048  (11112817)
        578903.62   4141929.59      217.93885  (14010809)              578923.62
4141929.59      202.24803  (14010809)
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        578943.62   4141929.59      222.57877  (14103118)                578963.62
4141929.59      235.02613  (14103118)
        578983.62   4141929.59      221.19204  (14103118)                579003.62
4141929.59      204.44925  (14123117)
        579023.62   4141929.59      191.19425  (12121918)                579043.62
4141929.59      221.73792  (12121918)
        579063.62   4141929.59      229.11894  (12121918)                579083.62
4141929.59      222.24612  (14121218)
        579103.62   4141929.59      234.07802  (14121218)                579123.62
4141929.59      224.23593  (14121218)
        579143.62   4141929.59      196.30581  (14121218)                579163.62
4141929.59      183.20503  (14020618)
        579183.62   4141929.59      184.25453  (14020618)                578725.67
4141942.60      251.93452  (16121017)
        578745.67   4141942.60      256.70319  (12112718)                578765.67
4141942.60      288.32223  (12112718)
        578785.67   4141942.60      283.25916  (12112718)                578805.67
4141942.60      301.63118  (09112618)
        578825.67   4141942.60      292.11077  (16120918)                578845.67
4141942.60      265.60004  (14120418)
        578865.67   4141942.60      219.41437  (17011018)                578885.67
4141942.60      213.19180  (11112817)
        578905.67   4141942.60      206.39781  (14010809)                578925.67
4141942.60      191.51977  (16010518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578945.67   4141942.60      215.96929  (14103118)                578965.67
4141942.60      223.92527  (14103118)
        578985.67   4141942.60      207.96979  (14103118)                579005.67
4141942.60      193.57421  (14123117)
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        579025.67   4141942.60      182.69108  (12121918)              579045.67
4141942.60      211.52174  (12121918)
        579065.67   4141942.60      219.16865  (12121918)              579085.67
4141942.60      210.17830  (14121218)
        579105.67   4141942.60      223.46586  (14121218)              579125.67
4141942.60      216.70288  (14121218)
        579145.67   4141942.60      192.62097  (14121218)              579165.67
4141942.60      172.85716  (14020618)
        579185.67   4141942.60      176.97353  (14020618)              578745.52
4141955.60      260.79183  (12112718)
        578765.52   4141955.60      277.99131  (12112718)              578785.52
4141955.60      279.15334  (09112618)
        578805.52   4141955.60      285.80750  (09112618)              578825.52
4141955.60      273.74665  (16120918)
        578845.52   4141955.60      242.34780  (14120418)              578865.52
4141955.60      208.49969  (11112817)
        578885.52   4141955.60      200.51017  (11112817)              578905.52
4141955.60      195.74991  (14010809)
        578925.52   4141955.60      184.05066  (16010518)              578945.52
4141955.60      207.35969  (14103118)
        578965.52   4141955.60      213.91134  (14103118)              578985.52
4141955.60      198.55057  (14103118)
        579005.52   4141955.60      185.70033  (14123117)              579025.52
4141955.60      174.06707  (11110318)
        579045.52   4141955.60      199.93697  (12121918)              579065.52
4141955.60      210.08041  (12121918)
        579085.52   4141955.60      199.43042  (12121918)              579105.52
4141955.60      212.71394  (14121218)
        579125.52   4141955.60      210.65539  (14121218)              579145.52
4141955.60      191.66465  (14121218)
        579165.52   4141955.60      161.28457  (14020618)              579185.52
4141955.60      169.28314  (14020618)
        578785.22   4141971.34      271.85335  (09112618)              578805.22
4141971.34      266.61959  (16120918)
        578825.22   4141971.34      253.97565  (14120418)              578845.22
4141971.34      214.86674  (14120418)
        578865.22   4141971.34      197.61275  (11112817)              578885.22
4141971.34      187.07477  (14010809)
        578905.22   4141971.34      183.55728  (14010809)              578925.22
4141971.34      175.41830  (16010518)
        578945.22   4141971.34      197.55450  (14103118)              578965.22
4141971.34      202.78984  (14103118)
        578985.22   4141971.34      188.20562  (14103118)              579005.22
4141971.34      176.96933  (14123117)
        579025.22   4141971.34      166.59418  (11110318)              579045.22
4141971.34      186.62960  (12121918)
        579065.22   4141971.34      199.33149  (12121918)              579085.22
4141971.34      192.99819  (12121918)
        579105.22   4141971.34      199.52640  (14121218)              579125.22
4141971.34      202.49045  (14121218)
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        579145.22   4141971.34      189.23022  (14121218)                579165.22
4141971.34      163.56129  (14121218)
        579185.22   4141971.34      158.80883  (14020618)                578790.01
4141986.40      258.34748  (09112618)
        578810.01   4141986.40      249.52407  (16120918)                578830.01
4141986.40      225.59191  (14120418)
        578850.01   4141986.40      189.94918  (17011018)                578870.01
4141986.40      185.15876  (11112817)
        578890.01   4141986.40      179.01519  (14010809)                578910.01
4141986.40      168.12300  (14010809)
        578930.01   4141986.40      174.45468  (14103118)                578950.01
4141986.40      191.65989  (14103118)
        578970.01   4141986.40      191.14610  (14103118)                578990.01
4141986.40      176.21135  (14123117)
        579010.01   4141986.40      165.71367  (11110318)                579030.01
4141986.40      155.87973  (11110318)
        579050.01   4141986.40      179.97984  (12121918)                579070.01
4141986.40      190.26100  (12121918)
        579090.01   4141986.40      183.16019  (12121918)                579110.01
4141986.40      190.22767  (14121218)
        579130.01   4141986.40      193.19861  (14121218)                579150.01
4141986.40      181.33418  (14121218)
        579170.01   4141986.40      157.88167  (14121218)                579190.01
4141986.40      150.23540  (14020618)
        578810.54   4142001.46      232.63188  (14120418)                578830.54
4142001.46      201.86178  (14120418)
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                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP16  ***
                                    INCLUDING SOURCE(S):     DEMO2_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        578850.54   4142001.46      179.10618  (11112817)                578870.54
4142001.46      173.55094  (11112817)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578890.54	4142001.46	169.93681	(14010809)	578910.54	4142001.46	156.68614	(14010809)
578930.54	4142001.46	168.86953	(14103118)	578950.54	4142001.46	183.48505	(14103118)
578970.54	4142001.46	181.74364	(14103118)	578990.54	4142001.46	168.14993	(14123117)
579010.54	4142001.46	158.23856	(11110318)	579030.54	4142001.46	149.44152	(11110318)
579050.54	4142001.46	169.85452	(12121918)	579070.54	4142001.46	181.37175	(12121918)
579090.54	4142001.46	176.94952	(12121918)	579110.54	4142001.46	179.15365	(14121218)
579130.54	4142001.46	185.16679	(14121218)	579150.54	4142001.46	177.29567	(14121218)
579170.54	4142001.46	157.77128	(14121218)	579190.54	4142001.46	140.16727	(14020618)
578385.01	4141176.41	83.98212	(11122717)	578405.01	4141176.41	83.62591	(11122717)
578425.01	4141176.41	81.72635	(11122717)	578445.01	4141176.41	78.39143	(11122717)
578465.01	4141176.41	77.38068	(16020318)	578485.01	4141176.41	82.12278	(16020318)
578505.01	4141176.41	73.63940	(16020318)	578525.01	4141176.41	75.46021	(16020318)
578545.01	4141176.41	79.96597	(14112017)	578565.01	4141176.41	86.82213	(14112017)
578585.01	4141176.41	92.75534	(14112017)	578605.01	4141176.41	99.49510	(09012117)

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        578625.01   4141176.41      107.24037  (09012117)              578645.01
4141176.41      112.98974  (09012117)
        578665.01   4141176.41      116.12641  (09012117)              578685.01
4141176.41      116.21583  (09012117)
        578705.01   4141176.41      116.77172  (14121217)              578725.01
4141176.41      120.58500  (14121217)
        578745.01   4141176.41      120.48934  (14121217)              578765.01
4141176.41      120.62632  (11010818)
        578785.01   4141176.41      124.31510  (14010318)              578805.01
4141176.41      126.64571  (14010318)
        578825.01   4141176.41      125.58221  (16120717)              578845.01
4141176.41      129.31419  (16120717)
        578865.01   4141176.41      129.82600  (10010917)              578885.01
4141176.41      131.40618  (14122017)
        578905.01   4141176.41      131.08785  (14122017)              578925.01
4141176.41      129.17751  (13121418)
        578945.01   4141176.41      127.65778  (16110418)              578965.01
4141176.41      127.11102  (16110418)
        578985.01   4141176.41      125.95973  (13122818)              579005.01
4141176.41      126.59584  (09012317)
        579025.01   4141176.41      124.57704  (09012317)              579045.01
4141176.41      121.96616  (10121417)
        579065.01   4141176.41      120.24103  (10121417)              579085.01
4141176.41      116.46613  (11112917)
        579105.01   4141176.41      112.38453  (11112917)              579125.01
4141176.41      110.48729  (12111418)
        579145.01   4141176.41      109.06321  (12111418)              579165.01
4141176.41      108.92222  (09011017)
        579185.01   4141176.41      106.31309  (09011017)              579205.01
4141176.41      101.97496  (12111417)
        579225.01   4141176.41       99.99508  (12111417)              578385.01
4141196.41       89.44602  (12010309)
        578405.01   4141196.41       88.77357  (11122717)              578425.01
4141196.41       88.41711  (11122717)
        578445.01   4141196.41       86.75078  (11122717)              578465.01
4141196.41       83.58506  (11122717)
        578485.01   4141196.41       82.21021  (16020318)              578505.01
4141196.41       75.61307  (16020318)
        578525.01   4141196.41       78.62702  (16020318)              578545.01
4141196.41       80.48981  (16020318)
        578565.01   4141196.41       87.13196  (14112017)              578585.01
4141196.41       94.44008  (14112017)
        578605.01   4141196.41      100.40768  (13111917)              578625.01
4141196.41      109.26009  (09012117)
        578645.01   4141196.41      116.96254  (09012117)              578665.01
4141196.41      122.09089  (09012117)
        578685.01   4141196.41      123.91133  (09012117)              578705.01
4141196.41      122.05997  (09012117)
        578725.01   4141196.41      126.98328  (14121217)              578745.01
4141196.41      128.49180  (14121217)
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        578765.01   4141196.41      126.51147  (11010818)                578785.01
4141196.41      131.16428  (11010818)
        578805.01   4141196.41      134.46351  (14010318)                578825.01
4141196.41      133.01619  (14010318)
        578845.01   4141196.41      137.18856  (16120717)                578865.01
4141196.41      137.91909  (10010917)
        578885.01   4141196.41      139.61980  (14122017)                578905.01
4141196.41      139.16988  (14122017)
        578925.01   4141196.41      137.04734  (13121418)                578945.01
4141196.41      135.89846  (16110418)
        578965.01   4141196.41      134.43180  (16110418)                578985.01
4141196.41      133.13738  (13122818)
        579005.01   4141196.41      134.43789  (09012317)                579025.01
4141196.41      130.77192  (09012317)
        579045.01   4141196.41      129.49251  (10121417)                579065.01
4141196.41      125.97503  (10121417)
        579085.01   4141196.41      122.24123  (11112917)                579105.01
4141196.41      117.83360  (13113018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                   INCLUDING SOURCE(S):     DEMO3_1     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579125.01   4141196.41      116.97590  (12111418)                579145.01
4141196.41      116.18570  (09011017)
        579165.01   4141196.41      114.29413  (09011017)                579185.01
4141196.41      109.61960  (09011017)
        579205.01   4141196.41      107.03497  (12111417)                579225.01
4141196.41      103.23076  (12111417)
        579245.01   4141196.41       97.62718  (12111417)                578385.01
4141216.41       94.20077  (12010309)
        578405.01   4141216.41       94.96854  (12010309)                578425.01
4141216.41       94.21384  (12010309)
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        578445.01   4141216.41       94.04723  (11122717)               578465.01
4141216.41       92.33657  (11122717)
        578485.01   4141216.41       89.05874  (11122717)               578505.01
4141216.41       77.87135  (11122717)
        578525.01   4141216.41       81.02715  (16020318)               578545.01
4141216.41       84.22323  (16020318)
        578565.01   4141216.41       86.59481  (14112017)               578585.01
4141216.41       95.26773  (14112017)
        578605.01   4141216.41      102.79980  (14112017)               578625.01
4141216.41      110.46921  (09012117)
        578645.01   4141216.41      120.24244  (09012117)               578665.01
4141216.41      127.51269  (09012117)
        578685.01   4141216.41      131.50873  (09012117)               578705.01
4141216.41      131.48380  (09012117)
        578725.01   4141216.41      133.30256  (14121217)               578745.01
4141216.41      136.80505  (14121217)
        578765.01   4141216.41      135.19411  (14121217)               578785.01
4141216.41      138.98189  (11010818)
        578805.01   4141216.41      142.91188  (14010318)               578825.01
4141216.41      142.39405  (14010318)
        578845.01   4141216.41      145.90284  (16120717)               578925.01
4141216.41      145.72362  (13121418)
        578945.01   4141216.41      144.90568  (16110418)               578965.01
4141216.41      143.34170  (13122818)
        578985.01   4141216.41      142.68346  (09012317)               579005.01
4141216.41      142.80338  (09012317)
        579025.01   4141216.41      138.11559  (10121417)               579045.01
4141216.41      137.11132  (10121417)
        579065.01   4141216.41      132.32060  (11112917)               579085.01
4141216.41      127.62556  (11112917)
        579105.01   4141216.41      125.28796  (12111418)               579125.01
4141216.41      123.79306  (09011017)
        579145.01   4141216.41      122.95269  (09011017)               579165.01
4141216.41      118.74013  (09011017)
        579185.01   4141216.41      114.81765  (12111417)               579205.01
4141216.41      111.13922  (12111417)
        579225.01   4141216.41      105.32193  (12111417)               579245.01
4141216.41      100.78928  (17121318)
        578385.01   4141236.41       97.59493  (12010309)               578405.01
4141236.41       99.71451  (12010309)
        578425.01   4141236.41      101.08676  (12010309)               578445.01
4141236.41      100.65989  (12010309)
        578465.01   4141236.41      100.14012  (11122717)               578485.01
4141236.41       98.64903  (11122717)
        578505.01   4141236.41       86.13658  (11122717)               578525.01
4141236.41       83.59070  (11122717)
        578545.01   4141236.41       87.10780  (16020318)               578565.01
4141236.41       90.42164  (16020318)
        578585.01   4141236.41       95.12066  (14112017)               578605.01
4141236.41      104.40880  (14112017)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578625.01	4141236.41	112.25099	(14112017)	578645.01	4141236.41	122.47388	(09012117)
578665.01	4141236.41	132.24077	(09012117)	578685.01	4141236.41	138.78024	(09012117)
578705.01	4141236.41	141.09602	(09012117)	578725.01	4141236.41	139.46936	(14121217)
578745.01	4141236.41	145.33541	(14121217)	578765.01	4141236.41	145.62965	(14121217)
578785.01	4141236.41	147.25656	(11010818)	578805.01	4141236.41	152.07650	(14010318)
578825.01	4141236.41	152.77028	(14010318)	578945.01	4141236.41	154.91150	(16110418)
578965.01	4141236.41	153.19191	(13122818)	578985.01	4141236.41	153.28944	(09012317)
579005.01	4141236.41	151.43240	(09012317)	579025.01	4141236.41	147.97037	(10121417)
579045.01	4141236.41	144.70936	(10121417)	579065.01	4141236.41	139.71145	(11112917)
579085.01	4141236.41	134.36925	(13113018)	579105.01	4141236.41	133.12072	(12111418)
579125.01	4141236.41	132.28394	(09011017)	579145.01	4141236.41	128.82219	(09011017)
579165.01	4141236.41	123.44714	(12111417)	579185.01	4141236.41	119.97724	(12111417)
579205.01	4141236.41	113.95570	(12111417)	579225.01	4141236.41	108.32448	(17121318)
579245.01	4141236.41	103.92072	(13110618)	578385.01	4141256.41	98.60669	(12010309)

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        578405.01   4141256.41      102.79519  (12010309)               578425.01
4141256.41       92.13213  (12010309)
        578445.01   4141256.41      107.70302  (12010309)               578465.01
4141256.41      107.85307  (12010309)
        578485.01   4141256.41       94.85898  (12010309)               578505.01
4141256.41       93.83623  (11122717)
        578525.01   4141256.41       92.67762  (11122717)               578545.01
4141256.41       89.89783  (11122717)
        578565.01   4141256.41       93.91425  (16020318)               578585.01
4141256.41       97.48780  (16020318)
        578605.01   4141256.41      104.89343  (14112017)               578625.01
4141256.41      114.73594  (14112017)
        578645.01   4141256.41      123.54333  (09012117)               578665.01
4141256.41      136.02576  (09012117)
        578685.01   4141256.41      145.40872  (09012117)               578705.01
4141256.41      150.61001  (09012117)
        578725.01   4141256.41      150.59025  (09012117)               578745.01
4141256.41      153.96716  (14121217)
        578765.01   4141256.41      156.69453  (14121217)               578785.01
4141256.41      155.94885  (11010818)
        578805.01   4141256.41      162.03698  (14010318)               578965.01
4141256.41      163.96013  (13122818)
        578985.01   4141256.41      164.54769  (09012317)               579005.01
4141256.41      160.36065  (09012317)
        579025.01   4141256.41      158.18931  (10121417)               579045.01
4141256.41      152.15221  (10121417)
        579065.01   4141256.41      146.73505  (11112917)               579085.01
4141256.41      143.86141  (12111418)
        579105.01   4141256.41      142.31601  (09011017)               579125.01
4141256.41      139.95339  (09011017)
        579145.01   4141256.41      133.45372  (09011017)               579165.01
4141256.41      129.93102  (12111417)
        579185.01   4141256.41      123.77316  (12111417)               579205.01
4141256.41      116.82411  (17121318)
        579225.01   4141256.41      111.83051  (17121318)               579245.01
4141256.41      109.57796  (13110618)
        579265.01   4141256.41      105.60213  (13110618)               578385.01
4141276.41       85.23513  (12010309)
        578405.01   4141276.41      103.39411  (12010309)               578425.01
4141276.41      108.68328  (12010309)
        578445.01   4141276.41       98.39004  (12010309)               578465.01
4141276.41      101.03521  (12010309)
        578485.01   4141276.41      102.48541  (12010309)               578505.01
4141276.41      102.47781  (12010309)
        578525.01   4141276.41      101.18459  (11122717)               578545.01
4141276.41      100.02697  (11122717)
        578565.01   4141276.41       97.04715  (11122717)               578585.01
4141276.41      101.72723  (16020318)
        578605.01   4141276.41      105.36295  (16020318)               578625.01
4141276.41      116.07976  (14112017)
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        578645.01   4141276.41      126.56590  (14112017)               578665.01
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        578685.01   4141276.41      151.10626  (09012117)               578705.01
4141276.41      159.66239  (09012117)
        578725.01   4141276.41      162.82788  (09012117)               578745.01
4141276.41      162.51492  (14121217)
        578765.01   4141276.41      168.36161  (14121217)               578785.01
4141276.41      166.54678  (14121217)
        578985.01   4141276.41      176.66409  (09012317)               579005.01
4141276.41      171.03855  (10121417)
        579025.01   4141276.41      168.64526  (10121417)               579045.01
4141276.41      161.98157  (11112917)
        579065.01   4141276.41      155.29685  (13113018)               579085.01
4141276.41      153.34971  (12111418)
        579105.01   4141276.41      152.23855  (09011017)               579125.01
4141276.41      146.39314  (09011017)
        579145.01   4141276.41      141.16908  (12111417)               579165.01
4141276.41      134.93201  (12111417)
        579185.01   4141276.41      126.51625  (17121318)               579205.01
4141276.41      121.08368  (17121318)
        579225.01   4141276.41      118.16393  (13110618)               579245.01
4141276.41      113.64075  (13110618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                    INCLUDING SOURCE(S):     DEMO3_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579265.01   4141276.41      107.56720  (13110618)               578385.01
4141296.41       93.24358  (12010309)
        578405.01   4141296.41       89.68082  (12010309)               578425.01
4141296.41       95.45342  (12010309)
        578445.01   4141296.41      100.77823  (12010309)               578465.01
4141296.41      105.30285  (12010309)
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        578485.01   4141296.41      108.70508  (12010309)               578505.01
4141296.41      110.73830  (12010309)
        578525.01   4141296.41      111.10896  (12010309)               578545.01
4141296.41      109.60918  (12010309)
        578565.01   4141296.41      108.44832  (11122717)               578585.01
4141296.41      105.24364  (11122717)
        578605.01   4141296.41      110.52450  (16020318)               578625.01
4141296.41      115.83915  (14112017)
        578645.01   4141296.41      128.95777  (14112017)               578665.01
4141296.41      140.11218  (14112017)
        578685.01   4141296.41      155.55988  (09012117)               578705.01
4141296.41      167.97455  (09012117)
        578725.01   4141296.41      174.95375  (09012117)               578745.01
4141296.41      175.02342  (09012117)
        579005.01   4141296.41      185.02110  (10121417)               579025.01
4141296.41      179.03642  (10121417)
        579045.01   4141296.41      171.41021  (11112917)               579065.01
4141296.41      167.52125  (12111418)
        579085.01   4141296.41      165.72854  (09011017)               579105.01
4141296.41      161.03452  (09011017)
        579125.01   4141296.41      153.89210  (12111417)               579145.01
4141296.41      147.69264  (12111417)
        579165.01   4141296.41      137.90597  (12111417)               579185.01
4141296.41      131.70410  (17121318)
        579205.01   4141296.41      127.95945  (13110618)               579225.01
4141296.41      122.80849  (13110618)
        579245.01   4141296.41      115.81915  (15011018)               579265.01
4141296.41      108.79442  (15011018)
        579285.01   4141296.41      100.92804  (15011018)               578385.01
4141316.41       87.14386  (12010309)
        578405.01   4141316.41       96.51494  (12010309)               578425.01
4141316.41       94.40808  (12010309)
        578445.01   4141316.41      101.16769  (12010309)               578465.01
4141316.41      107.44099  (12010309)
        578485.01   4141316.41      112.94675  (12010309)               578505.01
4141316.41      117.26378  (12010309)
        578525.01   4141316.41      120.07613  (12010309)               578545.01
4141316.41      120.94517  (12010309)
        578565.01   4141316.41      119.68017  (12010309)               578585.01
4141316.41      118.15500  (11122717)
        578605.01   4141316.41      114.75897  (11122717)               578625.01
4141316.41      120.77786  (16020318)
        578645.01   4141316.41      129.66534  (14112017)               578665.01
4141316.41      143.96437  (14112017)
        578685.01   4141316.41      158.41128  (09012117)               578705.01
4141316.41      175.15385  (09012117)
        578725.01   4141316.41      186.65879  (09012117)               579025.01
4141316.41      190.95356  (11112917)
        579045.01   4141316.41      182.65943  (12111418)               579065.01
4141316.41      180.43931  (09011017)
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        579085.01   4141316.41      177.53676  (09011017)                579105.01
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4141316.41      151.97769  (12111417)
        579165.01   4141316.41      144.00875  (17121318)                579185.01
4141316.41      139.27564  (13110618)
        579205.01   4141316.41      133.32706  (13110618)                579225.01
4141316.41      125.29028  (15011018)
        579245.01   4141316.41      117.16618  (15011018)                579265.01
4141316.41      108.14114  (15011018)
        579285.01   4141316.41       98.60382  (15011018)                578385.01
4141336.41       74.95013  (12010309)
        578405.01   4141336.41       89.30337  (12010309)                578425.01
4141336.41       91.00339  (12010309)
        578445.01   4141336.41       99.29329  (12010309)                578465.01
4141336.41      107.41657  (12010309)
        578485.01   4141336.41      114.77674  (12010309)                578505.01
4141336.41      121.45183  (12010309)
        578525.01   4141336.41      126.89341  (12010309)                578545.01
4141336.41      130.69537  (12010309)
        578565.01   4141336.41      132.26813  (12010309)                578585.01
4141336.41      131.33682  (12010309)
        578605.01   4141336.41      129.40149  (11122717)                578625.01
4141336.41      125.74101  (11122717)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                    INCLUDING SOURCE(S):     DEMO3_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578645.01   4141336.41      132.60212  (16020318)                578665.01
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4141336.41      180.48934  (09012117)
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        579065.01   4141336.41      196.15140  (09011017)              579085.01
4141336.41      187.51743  (09011017)
        579105.01   4141336.41      179.63451  (12111417)              579125.01
4141336.41      168.53698  (12111417)
        579145.01   4141336.41      158.40758  (17121318)              579165.01
4141336.41      152.45385  (13110618)
        579185.01   4141336.41      145.48236  (13110618)              579205.01
4141336.41      136.22426  (15011018)
        579225.01   4141336.41      126.77892  (15011018)              579245.01
4141336.41      116.17231  (15011018)
        579265.01   4141336.41      105.15024  (15011018)              579285.01
4141336.41       94.16247  (15011018)
        578385.01   4141356.41       80.66069  (09110418)              578405.01
4141356.41       81.91923  (09110418)
        578425.01   4141356.41       85.82791  (12010309)              578445.01
4141356.41       95.04862  (12010309)
        578465.01   4141356.41      104.48821  (12010309)              578485.01
4141356.41      114.00679  (12010309)
        578505.01   4141356.41      122.95180  (12010309)              578525.01
4141356.41      130.97167  (12010309)
        578545.01   4141356.41      137.82306  (12010309)              578565.01
4141356.41      142.86696  (12010309)
        578585.01   4141356.41      145.39863  (12010309)              578605.01
4141356.41      145.02159  (12010309)
        578625.01   4141356.41      142.60761  (11122717)              578645.01
4141356.41      138.59121  (16020318)
        578665.01   4141356.41      146.52677  (16020318)              578685.01
4141356.41      165.30269  (14112017)
        579025.01   4141356.41      219.89420  (12111418)              579045.01
4141356.41      217.07673  (09011017)
        579065.01   4141356.41      210.18820  (09011017)              579085.01
4141356.41      199.66686  (12111417)
        579105.01   4141356.41      188.06443  (12111417)              579125.01
4141356.41      175.39073  (17121318)
        579145.01   4141356.41      167.93052  (13110618)              579165.01
4141356.41      159.67858  (13110618)
        579185.01   4141356.41      148.95770  (15011018)              579205.01
4141356.41      137.60995  (15011018)
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4141356.41      112.57024  (15011018)
        579265.01   4141356.41       99.96840  (15011018)              579285.01
4141356.41       91.48951  (17122918)
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4141376.41       85.10719  (09110418)
        578405.01   4141376.41       87.67689  (09110418)              578425.01
4141376.41       89.76300  (09110418)
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4141376.41       99.15857  (12010309)
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        578525.01   4141376.41      131.82468  (12010309)               578545.01
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        578565.01   4141376.41      150.27195  (12010309)               578585.01
4141376.41      156.90955  (12010309)
        578605.01   4141376.41      160.77550  (12010309)               578625.01
4141376.41      161.13693  (12010309)
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4141376.41      154.30064  (16020318)
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        579025.01   4141376.41      241.26131  (12111418)               579045.01
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        579065.01   4141376.41      223.24737  (12111417)               579085.01
4141376.41      211.37935  (12111417)
        579105.01   4141376.41      195.65262  (17121318)               579125.01
4141376.41      186.23236  (13110618)
        579145.01   4141376.41      176.50704  (13110618)               579165.01
4141376.41      163.72660  (15011018)
        579185.01   4141376.41      150.31577  (15011018)               579205.01
4141376.41      135.65561  (15011018)
        579225.01   4141376.41      120.72148  (15011018)               579245.01
4141376.41      106.19852  (15011018)
        579265.01   4141376.41       99.98598  (14011818)               579285.01
4141376.41       96.37592  (14011818)
♠ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 855
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                    INCLUDING SOURCE(S):     DEMO3_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        579305.01   4141376.41       92.41406  (14011818)               578385.01
4141396.41       87.64575  (09110418)
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        578405.01   4141396.41       91.45229  (09110418)               578425.01
4141396.41       94.92797  (09110418)
        578445.01   4141396.41       98.05160  (09110418)               578465.01
4141396.41      100.70215  (09110418)
        578485.01   4141396.41      103.23584  (12010309)               578505.01
4141396.41      115.67827  (12010309)
        578525.01   4141396.41      128.65722  (12010309)               578545.01
4141396.41      141.36635  (12010309)
        578565.01   4141396.41      153.54297  (12010309)               578585.01
4141396.41      164.42106  (12010309)
        578605.01   4141396.41      173.17616  (12010309)               578625.01
4141396.41      178.83143  (12010309)
        578645.01   4141396.41      180.34048  (12010309)               578665.01
4141396.41      176.93041  (11122717)
        579005.01   4141396.41      272.18594  (12111418)               579025.01
4141396.41      267.33131  (09011017)
        579045.01   4141396.41      253.15160  (09011017)               579065.01
4141396.41      239.41730  (12111417)
        579085.01   4141396.41      220.18315  (17121318)               579105.01
4141396.41      208.31866  (13110618)
        579125.01   4141396.41      196.50808  (13110618)               579145.01
4141396.41      181.35583  (15011018)
        579165.01   4141396.41      164.97907  (15011018)               579185.01
4141396.41      147.50445  (15011018)
        579205.01   4141396.41      129.92430  (15011018)               579225.01
4141396.41      114.03697  (14011818)
        579245.01   4141396.41      109.82304  (14011818)               579265.01
4141396.41      105.07358  (14011818)
        579285.01   4141396.41       99.96974  (14011818)               579305.01
4141396.41       94.68001  (14011818)
        578385.01   4141416.41       87.84115  (09110418)               578405.01
4141416.41       92.84484  (09110418)
        578425.01   4141416.41       97.77371  (09110418)               578445.01
4141416.41      102.53388  (09110418)
        578465.01   4141416.41      106.95525  (09110418)               578485.01
4141416.41      110.88978  (09110418)
        578505.01   4141416.41      114.00336  (09110418)               578525.01
4141416.41      121.53489  (12010309)
        578545.01   4141416.41      136.64452  (12010309)               578565.01
4141416.41      151.93574  (12010309)
        578585.01   4141416.41      166.91806  (12010309)               578605.01
4141416.41      180.69349  (12010309)
        578625.01   4141416.41      192.24711  (12010309)               578645.01
4141416.41      200.29902  (12010309)
        578665.01   4141416.41      203.54352  (12010309)               579025.01
4141416.41      292.01228  (09011017)
        579045.01   4141416.41      273.83320  (12111417)               579065.01
4141416.41      250.35927  (17121318)
        579085.01   4141416.41      235.36177  (13110618)               579105.01
4141416.41      220.85204  (13110618)
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        579205.01   4141416.41      126.85003  (14011818)               579225.01
4141416.41      121.11722  (14011818)
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        578425.01   4141436.41       97.80731  (09110418)               578445.01
4141436.41      104.10066  (09110418)
        578465.01   4141436.41      110.28452  (09110418)               578485.01
4141436.41      116.25602  (09110418)
        578505.01   4141436.41      121.71164  (09110418)               578525.01
4141436.41      126.72050  (09110418)
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        578625.01   4141436.41      199.55378  (12010309)               578645.01
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        579025.01   4141436.41      316.65581  (12111417)               579045.01
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        579065.01   4141436.41      268.96691  (13110618)               579085.01
4141436.41      250.75518  (13110618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                 *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                      INCLUDING SOURCE(S):     DEMO3_1     ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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4141436.41      151.80721  (15011018)
        579185.01   4141436.41      141.66711  (14011818)                579205.01
4141436.41      133.83873  (14011818)
        579225.01   4141436.41      125.66845  (14011818)                579245.01
4141436.41      118.42731  (17120218)
        579265.01   4141436.41      112.22748  (17120218)                579285.01
4141436.41      105.97354  (17120218)
        579305.01   4141436.41       99.84525  (17120218)                579325.01
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4141456.41       92.04027  (16030918)
        578425.01   4141456.41       96.29921  (16030918)                578445.01
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        578465.01   4141456.41      109.93230  (09110418)                578485.01
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        578625.01   4141456.41      199.10346  (12010309)                578645.01
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        579245.01   4141456.41      122.42282  (17120218)                579265.01
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        578385.01   4141476.41       97.38896  (14120118)                578405.01
4141476.41      100.38062  (14120118)
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        578505.01   4141476.41      124.70680  (09110418)                578525.01
4141476.41      134.92802  (09110418)
        578545.01   4141476.41      144.72715  (09110418)                578565.01
4141476.41      154.74669  (09110418)
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4141476.41      172.93878  (09110418)
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4141476.41      193.32591  (14011818)
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4141496.41      196.01390  (09110418)
        578645.01   4141496.41      208.14577  (09110418)                579085.01
4141496.41      242.96055  (15011018)
        579105.01   4141496.41      222.83420  (14011818)                579125.01
4141496.41      203.32396  (17120218)
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4141496.41      172.69344  (17120218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                    INCLUDING SOURCE(S):     DEMO3_1     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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        578425.01   4141516.41      118.30693  (14120118)                578445.01
4141516.41      124.17869  (14120118)
        578465.01   4141516.41      130.33740  (14120118)                578485.01
4141516.41      136.76890  (14120118)
        578505.01   4141516.41      143.33777  (14120118)                578525.01
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        578545.01   4141516.41      156.86814  (14120118)                578565.01
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        578525.01   4141536.41      161.41051  (14120118)                578545.01
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        578565.01   4141536.41      181.41992  (14120118)                578585.01
4141536.41      192.29076  (14120118)
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        578645.01   4141536.41      226.37205  (14120118)                578665.01
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        579185.01   4141536.41      165.04561  (17112018)                578385.01
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        578445.01   4141556.41      125.89061  (14120118)                578465.01
4141556.41      134.47985  (14120118)
        578485.01   4141556.41      143.84105  (14120118)                578505.01
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4141556.41      177.49792  (14120118)
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        578605.01   4141556.41      221.71185  (14120118)               578625.01
4141556.41      239.11325  (14120118)
        578645.01   4141556.41      257.94356  (14120118)               578665.01
4141556.41      278.04799  (14120118)
        578685.01   4141556.41      299.34239  (14120118)               579165.01
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        579185.01   4141556.41      170.31443  (11121418)               579205.01
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4141576.41      126.11782  (12010417)
        578465.01   4141576.41      133.37670  (12010417)               578485.01
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        578585.01   4141576.41      207.64159  (14120118)               578605.01
4141576.41      227.02551  (14120118)
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4141576.41      333.61726  (14120118)
        578705.01   4141576.41      369.32402  (14120118)               579145.01
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        579205.01   4141576.41      159.95054  (10122318)               579225.01
4141576.41      147.49627  (10122318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 858
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                    INCLUDING SOURCE(S):     DEMO3_1     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578465.01	4141596.41	142.36356	(13012417)	578485.01	4141596.41	151.10370	(13012417)
578505.01	4141596.41	160.86753	(13012417)	578525.01	4141596.41	171.77657	(13012417)
578545.01	4141596.41	183.71632	(13012417)	578565.01	4141596.41	197.28016	(13012417)
578585.01	4141596.41	212.50838	(13012417)	578605.01	4141596.41	229.75769	(13012417)
578625.01	4141596.41	249.48007	(13012417)	578645.01	4141596.41	272.16928	(13012417)
578665.01	4141596.41	302.49876	(14120118)	578685.01	4141596.41	341.06349	(14120118)
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578745.01	4141596.41	504.82031	(14120118)	579105.01	4141596.41	264.86607	(10122318)
579145.01	4141596.41	212.54930	(11112918)	579165.01	4141596.41	192.60439	(11112918)
579185.01	4141596.41	175.60491	(11112918)	579205.01	4141596.41	160.98556	(11112918)
579225.01	4141596.41	148.30059	(11112918)	579245.01	4141596.41	137.20385	(11112918)
579265.01	4141596.41	127.42973	(11112918)	579285.01	4141596.41	118.76100	(11112918)
579305.01	4141596.41	111.06072	(11112918)	579325.01	4141596.41	104.16026	(11112918)
579345.01	4141596.41	97.91268	(11112918)	578385.01	4141616.41	117.42087	(13012417)
578405.01	4141616.41	123.87409	(13012417)	578425.01	4141616.41	130.95079	(13012417)
578445.01	4141616.41	138.72683	(13012417)	578465.01	4141616.41	147.28493	(13012417)
578485.01	4141616.41	156.80872	(13012417)	578505.01	4141616.41	167.49787	(13012417)
578525.01	4141616.41	179.59342	(13012417)	578545.01	4141616.41	192.89816	(13012417)
578565.01	4141616.41	208.22476	(13012417)	578585.01	4141616.41	225.62017	(13012417)
578605.01	4141616.41	245.62024	(13012417)	578625.01	4141616.41	268.80949	(13012417)

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4141616.41      123.84977  (11112918)
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        578385.01   4141636.41      115.90981  (13012417)                578405.01
4141636.41      122.28658  (13012417)
        578425.01   4141636.41      129.28751  (13012417)                578445.01
4141636.41      137.00698  (13012417)
        578465.01   4141636.41      145.53759  (13012417)                578485.01
4141636.41      154.96783  (13012417)
        578505.01   4141636.41      165.55431  (13012417)                578525.01
4141636.41      177.50030  (13012417)
        578545.01   4141636.41      190.86348  (13012417)                578565.01
4141636.41      206.14461  (13012417)
        578585.01   4141636.41      223.70873  (13012417)                578605.01
4141636.41      243.87511  (13012417)
        578625.01   4141636.41      267.26944  (13012417)                578645.01
4141636.41      294.83551  (13012417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 859
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                   INCLUDING SOURCE(S):     DEMO3_1     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141636.41	327.52624	(13012417)	578685.01	4141636.41	367.14624	(13012417)
578705.01	4141636.41	415.54787	(13012417)	578725.01	4141636.41	474.88104	(13012417)
579045.01	4141636.41	377.28954	(16011318)	579065.01	4141636.41	320.79179	(16011318)
579085.01	4141636.41	277.22467	(16011318)	579105.01	4141636.41	243.67393	(11112918)
579125.01	4141636.41	216.91640	(11112918)	579165.01	4141636.41	176.16287	(11112918)
579185.01	4141636.41	160.58866	(11112918)	579205.01	4141636.41	147.13919	(11112918)
579225.01	4141636.41	135.50900	(11112918)	579245.01	4141636.41	125.33669	(11112918)
579265.01	4141636.41	116.38990	(11112918)	579285.01	4141636.41	108.47169	(11112918)
579305.01	4141636.41	101.44829	(11112918)	579325.01	4141636.41	95.15698	(11112918)
579345.01	4141636.41	89.50341	(11112918)	578385.01	4141656.41	110.26610	(13012417)
578405.01	4141656.41	116.10857	(13012417)	578425.01	4141656.41	122.47388	(13012417)
578445.01	4141656.41	129.48388	(13012417)	578465.01	4141656.41	137.25358	(13012417)
578485.01	4141656.41	145.79240	(13012417)	578505.01	4141656.41	155.38194	(13012417)
578525.01	4141656.41	165.95139	(13012417)	578545.01	4141656.41	177.85711	(13012417)
578565.01	4141656.41	191.35442	(13012417)	578585.01	4141656.41	206.73883	(13012417)
578605.01	4141656.41	224.37809	(13012417)	578625.01	4141656.41	244.85377	(13012417)
578645.01	4141656.41	268.60728	(13012417)	578665.01	4141656.41	296.68608	(13012417)
578685.01	4141656.41	330.67853	(13012417)	578705.01	4141656.41	372.18577	(17121418)
578725.01	4141656.41	424.56521	(17121418)	579005.01	4141656.41	530.02022	(09012218)
579025.01	4141656.41	434.25607	(17010418)	579045.01	4141656.41	370.41667	(16011318)
579065.01	4141656.41	320.49724	(16011318)	579085.01	4141656.41	280.44865	(16011318)
579105.01	4141656.41	247.86672	(16011318)	579125.01	4141656.41	220.81993	(16011318)

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        579145.01   4141656.41      198.31203  (16011318)               579185.01
4141656.41      163.24610  (16011318)
        579205.01   4141656.41      149.27647  (16011318)               579225.01
4141656.41      137.15361  (16011318)
        579245.01   4141656.41      126.49647  (16011318)               579265.01
4141656.41      117.17842  (16011318)
        579285.01   4141656.41      108.90000  (16011318)               579305.01
4141656.41      101.55221  (16011318)
        579325.01   4141656.41       94.95197  (16011318)               579345.01
4141656.41       89.02670  (16011318)
        578385.01   4141676.41      101.30975  (17121418)               578405.01
4141676.41      106.34703  (17121418)
        578425.01   4141676.41      111.83159  (17121418)               578445.01
4141676.41      117.84006  (17121418)
        578465.01   4141676.41      124.47126  (17121418)               578485.01
4141676.41      131.67424  (17121418)
        578505.01   4141676.41      139.70282  (10012218)               578525.01
4141676.41      148.90277  (10012218)
        578545.01   4141676.41      159.13735  (10012218)               578565.01
4141676.41      170.56996  (10012218)
        578585.01   4141676.41      183.36784  (10012218)               578605.01
4141676.41      197.68720  (10012218)
        578625.01   4141676.41      213.95065  (10012218)               578645.01
4141676.41      232.49032  (10012218)
        578665.01   4141676.41      263.03112  (16120718)               578685.01
4141676.41      308.11483  (16120718)
        578705.01   4141676.41      363.12667  (16120718)               578985.01
4141676.41      582.89572  (17112518)
        579005.01   4141676.41      490.90980  (09012218)               579025.01
4141676.41      421.01406  (09012218)
        579045.01   4141676.41      360.32029  (09012218)               579065.01
4141676.41      309.36327  (09012218)
        579085.01   4141676.41      269.83610  (17010418)               579105.01
4141676.41      240.03316  (17010418)
        579125.01   4141676.41      214.70185  (17010418)               579145.01
4141676.41      194.66644  (16011318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***       15:03:32

                                  PAGE 860
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                  INCLUDING SOURCE(S):     DEMO3_1     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579165.01	4141676.41	177.48608	(16011318)	579185.01	4141676.41	162.69537	(16011318)
579205.01	4141676.41	149.84226	(16011318)	579225.01	4141676.41	138.45921	(16011318)
579245.01	4141676.41	128.27324	(16011318)	579265.01	4141676.41	119.28443	(16011318)
579285.01	4141676.41	111.31538	(16011318)	579305.01	4141676.41	104.08060	(16011318)
579325.01	4141676.41	97.58956	(16011318)	579345.01	4141676.41	91.71918	(16011318)
578385.01	4141696.41	96.18408	(10012218)	578405.01	4141696.41	100.80043	(10012218)
578425.01	4141696.41	105.83179	(10012218)	578445.01	4141696.41	111.30909	(10012218)
578465.01	4141696.41	117.14254	(10012218)	578485.01	4141696.41	123.39435	(10012218)
578505.01	4141696.41	130.31390	(10012218)	578525.01	4141696.41	137.71362	(10012218)
578565.01	4141696.41	154.26502	(10012218)	578585.01	4141696.41	173.13495	(16120718)
578605.01	4141696.41	196.30065	(16120718)	578625.01	4141696.41	223.20692	(16120718)
578645.01	4141696.41	254.53170	(16120718)	578665.01	4141696.41	290.78114	(16120718)
578685.01	4141696.41	332.46262	(16120718)	578945.01	4141696.41	611.85033	(13012318)
578965.01	4141696.41	547.40818	(11121618)	578985.01	4141696.41	499.50522	(17112518)
579005.01	4141696.41	445.68316	(17112518)	579025.01	4141696.41	386.83143	(17112518)
579045.01	4141696.41	337.14889	(09012218)	579065.01	4141696.41	300.36893	(09012218)
579085.01	4141696.41	266.80302	(09012218)	579105.01	4141696.41	237.04061	(09012218)
579125.01	4141696.41	211.05682	(09012218)	579145.01	4141696.41	189.53419	(17010418)
579165.01	4141696.41	173.40749	(17010418)	579185.01	4141696.41	158.88260	(17010418)
579205.01	4141696.41	146.30000	(17010418)	579225.01	4141696.41	134.92678	(17010418)
579245.01	4141696.41	125.85878	(16011318)	579265.01	4141696.41	117.70522	(16011318)

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        579285.01   4141696.41      110.38915  (16011318)                579305.01
4141696.41      103.76330  (16011318)
        579325.01   4141696.41       97.70524  (16011318)                579345.01
4141696.41       92.12152  (16011318)
        578385.01   4141716.41       89.91847  (10012218)                578405.01
4141716.41       93.65071  (10012218)
        578425.01   4141716.41       97.62542  (10012218)                578445.01
4141716.41      101.80049  (10012218)
        578465.01   4141716.41      106.10886  (10012218)                578485.01
4141716.41      112.90919  (15102718)
        578505.01   4141716.41      124.40567  (16120718)                578525.01
4141716.41      138.27991  (16120718)
        578605.01   4141716.41      213.08608  (16120718)                578625.01
4141716.41      237.71759  (16120718)
        578645.01   4141716.41      264.94892  (16120718)                578665.01
4141716.41      294.43730  (16120718)
        578685.01   4141716.41      326.01053  (16120718)                578905.01
4141716.41      735.14785  (14121218)
        578925.01   4141716.41      645.78234  (14121218)                578945.01
4141716.41      524.11994  (14121218)
        578965.01   4141716.41      461.18187  (13012318)                578985.01
4141716.41      417.43605  (11121618)
        579005.01   4141716.41      387.31381  (11121618)                579025.01
4141716.41      352.92412  (17112518)
        579045.01   4141716.41      317.14979  (17112518)                579065.01
4141716.41      280.82502  (17112518)
        579085.01   4141716.41      250.54302  (09012218)                579105.01
4141716.41      228.52149  (09012218)
        579125.01   4141716.41      208.21805  (09012218)                579145.01
4141716.41      189.42301  (09012218)
        579165.01   4141716.41      172.05452  (09012218)                579185.01
4141716.41      156.34409  (09012218)
        579205.01   4141716.41      142.79029  (17010418)                579225.01
4141716.41      133.13901  (17010418)
        579245.01   4141716.41      124.28219  (17010418)                579265.01
4141716.41      116.08246  (17010418)
        579285.01   4141716.41      108.56790  (17010418)                579305.01
4141716.41      101.67564  (17010418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***        15:03:32

                                    PAGE 861
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
                                    INCLUDING SOURCE(S):     DEMO3_1     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141716.41	95.36484	(17010418)	579345.01	4141716.41	90.38273	(16011318)
578385.01	4141736.41	82.83343	(15102718)	578405.01	4141736.41	88.60559	(15102718)
578425.01	4141736.41	94.83529	(15102718)	578445.01	4141736.41	103.61288	(16120718)
578465.01	4141736.41	113.59461	(16120718)	578485.01	4141736.41	124.65427	(16120718)
578505.01	4141736.41	137.03683	(16120718)	578625.01	4141736.41	236.11507	(16120718)
578645.01	4141736.41	255.74880	(16120718)	578665.01	4141736.41	274.97493	(16120718)
578865.01	4141736.41	606.16066	(14103118)	578885.01	4141736.41	573.56002	(14103118)
578905.01	4141736.41	585.46405	(14121218)	578925.01	4141736.41	545.17090	(14121218)
578945.01	4141736.41	467.36313	(14121218)	578965.01	4141736.41	393.68389	(13012318)
578985.01	4141736.41	360.01333	(13012318)	579005.01	4141736.41	329.05961	(11121618)
579025.01	4141736.41	311.18662	(11121618)	579045.01	4141736.41	286.66150	(17112518)
579065.01	4141736.41	264.43355	(17112518)	579085.01	4141736.41	240.32987	(17112518)
579105.01	4141736.41	215.88615	(17112518)	579125.01	4141736.41	195.73565	(09012218)
579145.01	4141736.41	181.97396	(09012218)	579165.01	4141736.41	168.46675	(09012218)
579185.01	4141736.41	155.54469	(09012218)	579205.01	4141736.41	143.73677	(09012218)
579225.01	4141736.41	132.74303	(09012218)	579245.01	4141736.41	122.56888	(09012218)
579265.01	4141736.41	113.18738	(09012218)	579285.01	4141736.41	106.57587	(17010418)
579305.01	4141736.41	100.61088	(17010418)	579325.01	4141736.41	95.01224	(17010418)
579345.01	4141736.41	89.68475	(17010418)	578385.01	4141756.41	88.08126	(16120718)
578405.01	4141756.41	95.65296	(16120718)	578425.01	4141756.41	103.85852	(16120718)

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        578445.01   4141756.41      112.77737  (16120718)                578465.01
4141756.41      122.41549  (16120718)
        578485.01   4141756.41      132.93463  (16120718)                578845.01
4141756.41      542.90910  (09112618)
        578865.01   4141756.41      478.31532  (14103118)                578885.01
4141756.41      462.23548  (14103118)
        578905.01   4141756.41      470.21442  (14121218)                578925.01
4141756.41      459.60062  (14121218)
        578945.01   4141756.41      413.68897  (14121218)                578965.01
4141756.41      347.67378  (14121218)
        578985.01   4141756.41      316.41947  (13012318)                579005.01
4141756.41      290.34112  (13012318)
        579025.01   4141756.41      266.90077  (11121618)                579045.01
4141756.41      256.34833  (11121618)
        579065.01   4141756.41      239.91832  (11121618)                579085.01
4141756.41      223.43967  (17112518)
        579105.01   4141756.41      206.98050  (17112518)                579125.01
4141756.41      190.26930  (17112518)
        579145.01   4141756.41      173.40918  (17112518)                579165.01
4141756.41      158.65792  (09012218)
        579185.01   4141756.41      149.12503  (09012218)                579205.01
4141756.41      140.00597  (09012218)
        579225.01   4141756.41      131.05788  (09012218)                579245.01
4141756.41      122.42909  (09012218)
        579265.01   4141756.41      114.33678  (09012218)                579285.01
4141756.41      106.70142  (09012218)
        579305.01   4141756.41       99.54821  (09012218)                579325.01
4141756.41       92.76339  (09012218)
        579345.01   4141756.41       87.73333  (17010418)                578385.01
4141776.41       95.06672  (16120718)
        578405.01   4141776.41      102.33908  (16120718)                578425.01
4141776.41      110.04104  (16120718)
        578445.01   4141776.41      118.21980  (16120718)                578465.01
4141776.41      126.88225  (16120718)
        578485.01   4141776.41      135.96838  (16120718)                578825.01
4141776.41      489.27057  (09112618)
        578845.01   4141776.41      420.17445  (09112618)                578865.01
4141776.41      390.97871  (14103118)
        578885.01   4141776.41      382.14471  (14103118)                578905.01
4141776.41      383.71454  (14121218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 862
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP17  ***
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INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	388.63598	(14121218)	578945.01	4141776.41	364.17105	(14121218)
578965.01	4141776.41	319.80757	(14121218)	578985.01	4141776.41	273.22400	(14020618)
579005.01	4141776.41	260.88015	(13012318)	579025.01	4141776.41	240.32537	(13012318)
579045.01	4141776.41	221.27894	(11121618)	579065.01	4141776.41	215.16088	(11121618)
579085.01	4141776.41	204.44402	(11121618)	579105.01	4141776.41	190.85939	(17112518)
579125.01	4141776.41	180.29200	(17112518)	579145.01	4141776.41	168.31832	(17112518)
579165.01	4141776.41	155.77290	(17112518)	579185.01	4141776.41	143.13782	(17112518)
579205.01	4141776.41	132.04600	(09012218)	579225.01	4141776.41	125.47310	(09012218)
579245.01	4141776.41	118.76667	(09012218)	579265.01	4141776.41	112.25929	(09012218)
579285.01	4141776.41	105.89388	(09012218)	579305.01	4141776.41	99.79896	(09012218)
579325.01	4141776.41	93.79699	(09012218)	579345.01	4141776.41	88.18947	(09012218)
578405.01	4141796.41	105.96342	(16120718)	578425.01	4141796.41	112.71802	(16120718)
578445.01	4141796.41	119.65719	(16120718)	578465.01	4141796.41	126.77528	(16120718)
578805.01	4141796.41	422.04712	(09112618)	578825.01	4141796.41	400.18373	(09112618)
578845.01	4141796.41	329.35812	(09112618)	578865.01	4141796.41	329.80564	(14103118)
578885.01	4141796.41	322.90515	(14103118)	578905.01	4141796.41	323.25973	(12121918)
578925.01	4141796.41	330.91250	(14121218)	578945.01	4141796.41	320.53689	(14121218)
578965.01	4141796.41	291.67135	(14121218)	578985.01	4141796.41	251.43146	(14121218)
579005.01	4141796.41	229.69903	(13012318)	579025.01	4141796.41	219.36806	(13012318)

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        579045.01   4141796.41      203.19562  (13012318)                579065.01
4141796.41      186.95374  (11121618)
        579085.01   4141796.41      183.60414  (11121618)                579105.01
4141796.41      176.49510  (11121618)
        579125.01   4141796.41      167.22759  (11121618)                579145.01
4141796.41      158.03827  (17112518)
        579165.01   4141796.41      149.45906  (17112518)                579185.01
4141796.41      140.13694  (17112518)
        579205.01   4141796.41      130.71590  (17112518)                579225.01
4141796.41      121.16387  (17112518)
        579245.01   4141796.41      112.33643  (09012218)                579265.01
4141796.41      107.33673  (09012218)
        579285.01   4141796.41      102.62503  (09012218)                579305.01
4141796.41       97.67396  (09012218)
        579325.01   4141796.41       92.80794  (09012218)                579345.01
4141796.41       88.04713  (09012218)
        578445.01   4141816.41      117.14451  (16120718)                578585.01
4141816.41      185.18264  (12111618)
        578605.01   4141816.41      198.29213  (09121117)                578665.01
4141816.41      245.74439  (12010318)
        578685.01   4141816.41      264.63318  (09010809)                578785.01
4141816.41      358.17409  (09112618)
        578805.01   4141816.41      362.53466  (09112618)                578825.01
4141816.41      327.97432  (09112618)
        578845.01   4141816.41      271.01979  (11112817)                578865.01
4141816.41      283.72549  (14103118)
        578885.01   4141816.41      277.62333  (14103118)                578905.01
4141816.41      277.77891  (12121918)
        578925.01   4141816.41      284.20448  (14121218)                578945.01
4141816.41      282.30358  (14121218)
        578965.01   4141816.41      264.53505  (14121218)                578985.01
4141816.41      235.70046  (14121218)
        579005.01   4141816.41      207.26626  (14020618)                579025.01
4141816.41      196.89128  (13012318)
        579045.01   4141816.41      187.99461  (13012318)                579065.01
4141816.41      174.67998  (13012318)
        579085.01   4141816.41      160.20024  (11121618)                579105.01
4141816.41      158.77893  (11121618)
        579125.01   4141816.41      154.41782  (11121618)                579145.01
4141816.41      147.75903  (11121618)
        579165.01   4141816.41      139.60397  (11121618)                579185.01
4141816.41      133.33884  (17112518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579205.01	4141816.41	126.61596	(17112518)	579225.01	4141816.41	119.30503	(17112518)
579245.01	4141816.41	111.96616	(17112518)	579265.01	4141816.41	104.42782	(17112518)
579285.01	4141816.41	97.15517	(15110918)	579305.01	4141816.41	93.41393	(09012218)
579325.01	4141816.41	89.71708	(09012218)	579345.01	4141816.41	85.92963	(09012218)
578565.01	4141836.41	168.27843	(12111618)	578585.01	4141836.41	180.67073	(09121117)
578605.01	4141836.41	194.64511	(09121117)	578625.01	4141836.41	206.82925	(12010318)
578645.01	4141836.41	215.81081	(12010318)	578665.01	4141836.41	232.79595	(09010809)
578685.01	4141836.41	259.91921	(09010809)	578705.01	4141836.41	277.88960	(09010809)
578725.01	4141836.41	281.81049	(09010809)	578765.01	4141836.41	307.64568	(12112718)
578785.01	4141836.41	320.16672	(09112618)	578805.01	4141836.41	309.42813	(09112618)
578825.01	4141836.41	270.17586	(16120918)	578845.01	4141836.41	236.53595	(14103118)
578865.01	4141836.41	247.14737	(14103118)	578885.01	4141836.41	242.59247	(14103118)
578905.01	4141836.41	241.43697	(12121918)	578925.01	4141836.41	246.09051	(14121218)
578945.01	4141836.41	249.27209	(14121218)	578965.01	4141836.41	239.37666	(14121218)
578985.01	4141836.41	219.19118	(14121218)	579005.01	4141836.41	192.54513	(14121218)
579025.01	4141836.41	175.67438	(14020618)	579045.01	4141836.41	171.32370	(13012318)
579065.01	4141836.41	163.59855	(13012318)	579085.01	4141836.41	152.43958	(13012318)
579105.01	4141836.41	139.41373	(13012318)	579125.01	4141836.41	139.10901	(11121618)

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        579145.01   4141836.41      136.22192  (11121618)                579165.01
4141836.41      131.50565  (11121618)
        579185.01   4141836.41      125.48760  (11121618)                579205.01
4141836.41      119.63819  (17112518)
        579225.01   4141836.41      114.64734  (17112518)                579245.01
4141836.41      109.16704  (17112518)
        579265.01   4141836.41      103.33108  (17112518)                579285.01
4141836.41       97.27524  (17112518)
        579305.01   4141836.41       91.21059  (17112518)                579325.01
4141836.41       85.44701  (15110918)
        579345.01   4141836.41       82.08583  (09012218)                578565.01
4141856.41      165.20280  (09121117)
        578585.01   4141856.41      175.76214  (09121117)                578605.01
4141856.41      185.19089  (12010318)
        578625.01   4141856.41      191.59183  (11112818)                578645.01
4141856.41      207.04182  (11112818)
        578665.01   4141856.41      229.54920  (09010809)                578685.01
4141856.41      245.00459  (09010809)
        578705.01   4141856.41      249.73062  (09010809)                578725.01
4141856.41      246.38546  (12112718)
        578745.01   4141856.41      268.04613  (12112718)                578765.01
4141856.41      279.48041  (09112618)
        578785.01   4141856.41      283.07650  (09112618)                578805.01
4141856.41      263.44785  (09112618)
        578825.01   4141856.41      227.38343  (14120418)                578845.01
4141856.41      210.67902  (14103118)
        578865.01   4141856.41      218.50923  (14103118)                578885.01
4141856.41      214.40308  (14103118)
        578905.01   4141856.41      211.93360  (12121918)                578925.01
4141856.41      216.30415  (12121918)
        578945.01   4141856.41      221.19003  (14121218)                578965.01
4141856.41      216.56073  (14121218)
        578985.01   4141856.41      202.99167  (14121218)                579005.01
4141856.41      182.79377  (14121218)
        579025.01   4141856.41      164.08380  (14020618)                579045.01
4141856.41      153.88917  (13012318)
        579065.01   4141856.41      150.68640  (13012318)                579085.01
4141856.41      143.92831  (13012318)
        579105.01   4141856.41      134.71646  (13012318)                579125.01
4141856.41      123.83659  (13012318)
        579145.01   4141856.41      122.83731  (11121618)                579165.01
4141856.41      121.09860  (11121618)
        579185.01   4141856.41      117.93446  (11121618)                579205.01
4141856.41      113.53334  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	108.15849	(11121618)	579245.01	4141856.41	104.19155	(17112518)
579265.01	4141856.41	100.05759	(17112518)	579285.01	4141856.41	95.27395	(17112518)
579305.01	4141856.41	90.41517	(17112518)	579325.01	4141856.41	85.58715	(17112518)
579345.01	4141856.41	80.59350	(17112518)	578545.01	4141876.41	151.43992	(09121117)
578565.01	4141876.41	159.66370	(12010318)	578585.01	4141876.41	166.92958	(12010318)
578605.01	4141876.41	173.27104	(11112818)	578625.01	4141876.41	185.88451	(11112818)
578645.01	4141876.41	204.79079	(09010809)	578665.01	4141876.41	218.22441	(09010809)
578685.01	4141876.41	223.29013	(09010809)	578705.01	4141876.41	218.11462	(16121017)
578725.01	4141876.41	234.26622	(12112718)	578745.01	4141876.41	244.78932	(12112718)
578765.01	4141876.41	254.43461	(09112618)	578785.01	4141876.41	248.47483	(09112618)
578805.01	4141876.41	226.11743	(16120918)	578825.01	4141876.41	192.55386	(14120418)
578845.01	4141876.41	189.32675	(14103118)	578865.01	4141876.41	195.33707	(14103118)
578885.01	4141876.41	191.38983	(14103118)	578905.01	4141876.41	187.91094	(12121918)
578925.01	4141876.41	193.73996	(12121918)	578945.01	4141876.41	197.29339	(14121218)
578965.01	4141876.41	196.38423	(14121218)	578985.01	4141876.41	187.47439	(14121218)
579005.01	4141876.41	172.47947	(14121218)	579025.01	4141876.41	153.45151	(14121218)
579045.01	4141876.41	142.81233	(14020618)	579065.01	4141876.41	137.09028	(13012318)

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        579085.01   4141876.41      133.88162  (13012318)                579105.01
4141876.41      128.07358  (13012318)
        579125.01   4141876.41      120.20466  (13012318)                579145.01
4141876.41      110.98827  (13012318)
        579165.01   4141876.41      109.40459  (11121618)                579185.01
4141876.41      108.61786  (11121618)
        579205.01   4141876.41      106.41780  (11121618)                579225.01
4141876.41      103.10611  (11121618)
        579245.01   4141876.41       99.08074  (11121618)                579265.01
4141876.41       94.98462  (17112518)
        579285.01   4141876.41       91.67379  (17112518)                579305.01
4141876.41       88.10078  (17112518)
        579325.01   4141876.41       84.33142  (17112518)                579345.01
4141876.41       80.23198  (17112518)
        578545.01   4141896.41      145.91284  (12010318)                578565.01
4141896.41      151.41884  (12010318)
        578585.01   4141896.41      157.75349  (11112818)                578605.01
4141896.41      168.16323  (11112818)
        578625.01   4141896.41      184.26982  (09010809)                578645.01
4141896.41      196.04928  (09010809)
        578665.01   4141896.41      201.18713  (09010809)                578685.01
4141896.41      198.01308  (09010809)
        578705.01   4141896.41      205.58657  (12112718)                578725.01
4141896.41      218.57428  (12112718)
        578745.01   4141896.41      226.55559  (09112618)                578765.01
4141896.41      229.35662  (09112618)
        578785.01   4141896.41      217.15466  (09112618)                578805.01
4141896.41      195.56124  (14120418)
        578825.01   4141896.41      167.22222  (11112817)                578845.01
4141896.41      171.41965  (14103118)
        578865.01   4141896.41      175.89645  (14103118)                578885.01
4141896.41      172.26202  (14103118)
        578905.01   4141896.41      168.06374  (12121918)                578925.01
4141896.41      174.54475  (12121918)
        578945.01   4141896.41      176.62689  (14121218)                578965.01
4141896.41      178.32127  (14121218)
        578985.01   4141896.41      173.14758  (14121218)                579005.01
4141896.41      162.23638  (14121218)
        579025.01   4141896.41      147.12463  (14121218)                579045.01
4141896.41      134.20529  (14020618)
        579065.01   4141896.41      125.29120  (14020618)                579085.01
4141896.41      123.11061  (13012318)
        579105.01   4141896.41      120.17813  (13012318)                579125.01
4141896.41      114.93122  (13012318)
        579145.01   4141896.41      108.05142  (13012318)                579165.01
4141896.41      100.19117  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141896.41	98.28319	(11121618)	579205.01	4141896.41	98.00753	(11121618)
579225.01	4141896.41	96.52683	(11121618)	579245.01	4141896.41	94.07794	(11121618)
579265.01	4141896.41	91.00692	(11121618)	579285.01	4141896.41	87.20299	(11121618)
579305.01	4141896.41	84.36075	(17112518)	579325.01	4141896.41	81.59932	(17112518)
579345.01	4141896.41	78.47611	(17112518)	578565.01	4141916.41	144.48843	(11112818)
578585.01	4141916.41	153.14149	(11112818)	578605.01	4141916.41	167.01413	(09010809)
578625.01	4141916.41	177.43571	(09010809)	578645.01	4141916.41	182.48508	(09010809)
578665.01	4141916.41	180.84708	(09010809)	578685.01	4141916.41	181.28371	(12112718)
578705.01	4141916.41	195.25251	(12112718)	578725.01	4141916.41	200.98552	(12112718)
578745.01	4141916.41	208.92891	(09112618)	578765.01	4141916.41	205.32045	(09112618)
578785.01	4141916.41	191.67993	(16120918)	578805.01	4141916.41	169.38492	(14120418)
578825.01	4141916.41	149.86613	(11112817)	578845.01	4141916.41	156.23298	(14103118)
578865.01	4141916.41	159.58418	(14103118)	578885.01	4141916.41	156.25668	(14103118)
578905.01	4141916.41	151.22277	(12121918)	578925.01	4141916.41	157.95579	(12121918)
578945.01	4141916.41	158.75861	(14121218)	578965.01	4141916.41	162.25895	(14121218)
578985.01	4141916.41	159.81599	(14121218)	579005.01	4141916.41	152.13122	(14121218)

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        579025.01   4141916.41      140.50147  (14121218)                579045.01
4141916.41      126.15691  (14121218)
        579065.01   4141916.41      119.14415  (14020618)                579085.01
4141916.41      112.10153  (13012318)
        579105.01   4141916.41      111.44947  (13012318)                579125.01
4141916.41      108.58072  (13012318)
        579145.01   4141916.41      103.85617  (13012318)                579165.01
4141916.41       97.88539  (13012318)
        579185.01   4141916.41       91.17998  (13012318)                578386.27
4141125.26       69.25469  (11122717)
        578406.27   4141125.26       65.65454  (11122717)                578426.27
4141125.26       69.62838  (16020318)
        578446.27   4141125.26       73.30141  (16020318)                578466.27
4141125.26       75.17572  (16020318)
        578486.27   4141125.26       75.94647  (16020318)                578506.27
4141125.26       68.67055  (14112017)
        578526.27   4141125.26       74.27854  (14112017)                578546.27
4141125.26       79.21428  (14112017)
        578566.27   4141125.26       83.62914  (13111917)                578586.27
4141125.26       90.10316  (09012117)
        578606.27   4141125.26       95.61623  (09012117)                578626.27
4141125.26       99.33504  (09012117)
        578646.27   4141125.26      100.90852  (09012117)                578666.27
4141125.26      100.12089  (09012117)
        578686.27   4141125.26      101.51340  (14121217)                578706.27
4141125.26      104.40634  (14121217)
        578726.27   4141125.26      104.36516  (14121217)                578746.27
4141125.26      103.22141  (11010818)
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4141125.26      109.29978  (14010318)
        578806.27   4141125.26      109.23260  (14010318)                578826.27
4141125.26      110.37847  (16120717)
        578846.27   4141125.26      112.06692  (16120717)                578866.27
4141125.26      112.38433  (10010917)
        578886.27   4141125.26      113.92100  (14122017)                578906.27
4141125.26      113.62084  (14122017)
        578926.27   4141125.26      112.07775  (13121418)                578946.27
4141125.26      109.90034  (16112517)
        578966.27   4141125.26      110.66738  (16110418)                578986.27
4141125.26      109.47150  (13122818)
        579006.27   4141125.26      108.67337  (09012317)                579026.27
4141125.26      109.54144  (09012317)
        579046.27   4141125.26      106.82763  (09012317)                579066.27
4141125.26      105.46878  (10121417)
        579086.27   4141125.26      103.82660  (10121417)                579106.27
4141125.26      100.86402  (11112917)
        579126.27   4141125.26       97.92271  (11112917)                579146.27
4141125.26       95.53502  (13113018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP17 ***
                                 INCLUDING SOURCE(S):   DEMO3_1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579166.27   4141125.26   95.01411 (12111418)   579186.27
4141125.26   94.37226 (09011017)
        579206.27   4141125.26   93.51300 (09011017)   578386.27
4141145.26   75.76895 (11122717)
        578406.27   4141145.26   73.11311 (11122717)   578426.27
4141145.26   69.35004 (11122717)
        578446.27   4141145.26   73.59926 (16020318)   578466.27
4141145.26   77.35293 (16020318)
        578486.27   4141145.26   79.07449 (16020318)   578506.27
4141145.26   69.30841 (16020318)
        578526.27   4141145.26   74.29671 (14112017)   578546.27
4141145.26   80.20270 (14112017)
        578566.27   4141145.26   85.17359 (14112017)   578586.27
4141145.26   90.95995 (09012117)
        578606.27   4141145.26   97.79043 (09012117)   578626.27
4141145.26   103.05509 (09012117)
        578646.27   4141145.26   106.03147 (09012117)   578666.27
4141145.26   106.41077 (09012117)
        578686.27   4141145.26   105.05850 (14121217)   578706.27
4141145.26   109.39888 (14121217)
        578726.27   4141145.26   110.63913 (14121217)   578746.27
4141145.26   108.41238 (14121217)
        578766.27   4141145.26   112.10284 (11010818)   578786.27
4141145.26   114.98968 (14010318)
        578806.27   4141145.26   115.62850 (14010318)   578826.27
4141145.26   116.12274 (16120717)
        578846.27   4141145.26   118.33866 (16120717)   578866.27
4141145.26   118.70224 (10010917)
        578886.27   4141145.26   120.28934 (14122017)   578906.27
4141145.26   119.87086 (14122017)

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        578926.27   4141145.26      118.26190  (13121418)              578946.27
4141145.26      116.36203  (16110418)
        578966.27   4141145.26      116.65248  (16110418)              578986.27
4141145.26      115.56240  (13122818)
        579006.27   4141145.26      115.39937  (09012317)              579026.27
4141145.26      115.19329  (09012317)
        579046.27   4141145.26      111.09188  (09012317)              579066.27
4141145.26      111.10776  (10121417)
        579086.27   4141145.26      108.18367  (10121417)              579106.27
4141145.26      105.45602  (11112917)
        579126.27   4141145.26      101.47294  (13113018)              579146.27
4141145.26      100.85191  (12111418)
        579166.27   4141145.26       99.52655  (09011017)              579186.27
4141145.26       99.37506  (09011017)
        579206.27   4141145.26       97.03305  (09011017)              578723.62
4141929.59      192.39982  (09112618)
        578743.62   4141929.59      197.17712  (09112618)              578763.62
4141929.59      191.16960  (09112618)
        578783.62   4141929.59      177.53064  (16120918)              578803.62
4141929.59      156.32051  (14120418)
        578823.62   4141929.59      140.33519  (11112817)              578843.62
4141929.59      146.99054  (14103118)
        578863.62   4141929.59      150.14758  (14103118)              578883.62
4141929.59      147.35828  (14103118)
        578903.62   4141929.59      140.84312  (12121918)              578923.62
4141929.59      148.03820  (12121918)
        578943.62   4141929.59      149.28304  (12121918)              578963.62
4141929.59      152.43191  (14121218)
        578983.62   4141929.59      151.81261  (14121218)              579003.62
4141929.59      146.22676  (14121218)
        579023.62   4141929.59      136.71330  (14121218)              579043.62
4141929.59      124.38267  (14121218)
        579063.62   4141929.59      115.34802  (14020618)              579083.62
4141929.59      108.39657  (14020618)
        579103.62   4141929.59      105.48162  (13012318)              579123.62
4141929.59      104.05921  (13012318)
        579143.62   4141929.59      100.80855  (13012318)              579163.62
4141929.59       96.09838  (13012318)
        579183.62   4141929.59       90.49456  (13012318)              578725.67
4141942.60      185.06184  (09112618)
        578745.67   4141942.60      185.34480  (09112618)              578765.67
4141942.60      176.86366  (16120918)
        578785.67   4141942.60      162.09064  (14120418)              578805.67
4141942.60      140.50394  (14120418)
        578825.67   4141942.60      132.61640  (14103118)              578845.67
4141942.60      139.59776  (14103118)
        578865.67   4141942.60      141.67910  (14103118)              578885.67
4141942.60      138.45479  (14103118)
        578905.67   4141942.60      133.19423  (12121918)              578925.67
4141942.60      139.81618  (12121918)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S):   DEMO3_1   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578945.67	4141942.60	141.10425	(12121918)	578965.67	4141942.60	143.78400	(14121218)
578985.67	4141942.60	143.78897	(14121218)	579005.67	4141942.60	139.31255	(14121218)
579025.67	4141942.60	131.10750	(14121218)	579045.67	4141942.60	120.13544	(14121218)
579065.67	4141942.60	110.47220	(14020618)	579085.67	4141942.60	104.67664	(14020618)
579105.67	4141942.60	99.60974	(13012318)	579125.67	4141942.60	99.03195	(13012318)
579145.67	4141942.60	96.77075	(13012318)	579165.67	4141942.60	93.10638	(13012318)
579185.67	4141942.60	88.41019	(13012318)	578745.52	4141955.60	174.03605	(09112618)
578765.52	4141955.60	164.87886	(16120918)	578785.52	4141955.60	149.94331	(14120418)
578805.52	4141955.60	128.62041	(14120418)	578825.52	4141955.60	126.22510	(14103118)
578845.52	4141955.60	132.36336	(14103118)	578865.52	4141955.60	134.00196	(14103118)
578885.52	4141955.60	131.04901	(14103118)	578905.52	4141955.60	125.29080	(12121918)
578925.52	4141955.60	131.89868	(12121918)	578945.52	4141955.60	133.78465	(12121918)
578965.52	4141955.60	135.60135	(14121218)	578985.52	4141955.60	136.51769	(14121218)
579005.52	4141955.60	133.35179	(14121218)	579025.52	4141955.60	126.67900	(14121218)

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        579045.52   4141955.60      117.26973  (14121218)               579065.52
4141955.60      106.20638  (14020618)
        579085.52   4141955.60      101.61069  (14020618)               579105.52
4141955.60       95.35644  (14020618)
        579125.52   4141955.60       94.22945  (13012318)               579145.52
4141955.60       92.97331  (13012318)
        579165.52   4141955.60       90.36568  (13012318)               579185.52
4141955.60       86.58516  (13012318)
        578785.22   4141971.34      136.55246  (14120418)               578805.22
4141971.34      119.44928  (11112817)
        578825.22   4141971.34      119.07009  (14103118)               578845.22
4141971.34      124.38877  (14103118)
        578865.22   4141971.34      125.63085  (14103118)               578885.22
4141971.34      123.03279  (14103118)
        578905.22   4141971.34      116.65318  (12121918)               578925.22
4141971.34      123.17774  (12121918)
        578945.22   4141971.34      125.65088  (12121918)               578965.22
4141971.34      126.51275  (14121218)
        578985.22   4141971.34      128.33401  (14121218)               579005.22
4141971.34      126.48241  (14121218)
        579025.22   4141971.34      121.34063  (14121218)               579045.22
4141971.34      113.60361  (14121218)
        579065.22   4141971.34      103.88687  (14121218)               579085.22
4141971.34       97.71352  (14020618)
        579105.22   4141971.34       92.69467  (14020618)               579125.22
4141971.34       88.35618  (13012318)
        579145.22   4141971.34       88.17350  (13012318)               579165.22
4141971.34       86.68347  (13012318)
        579185.22   4141971.34       83.95414  (13012318)               578790.01
4141986.40      120.36360  (14120418)
        578810.01   4141986.40      110.72948  (11112817)               578830.01
4141986.40      114.31962  (14103118)
        578850.01   4141986.40      118.03203  (14103118)               578870.01
4141986.40      118.24373  (14103118)
        578890.01   4141986.40      114.89011  (14103118)               578910.01
4141986.40      111.18136  (12121918)
        578930.01   4141986.40      116.71015  (12121918)               578950.01
4141986.40      118.64680  (12121918)
        578970.01   4141986.40      119.52496  (14121218)               578990.01
4141986.40      121.16643  (14121218)
        579010.01   4141986.40      119.51621  (14121218)               579030.01
4141986.40      114.94956  (14121218)
        579050.01   4141986.40      107.97129  (14121218)               579070.01
4141986.40       99.21395  (14121218)
        579090.01   4141986.40       92.99162  (14020618)               579110.01
4141986.40       88.74515  (14020618)
        579130.01   4141986.40       83.23884  (14020618)               579150.01
4141986.40       83.37681  (13012318)
        579170.01   4141986.40       82.54594  (13012318)               579190.01
4141986.40       80.41560  (13012318)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP17 ***
INCLUDING SOURCE(S): DEMO3_1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578850.54	4142001.46	111.70902	(14103118)	578870.54	4142001.46	111.70803	(14103118)
578890.54	4142001.46	108.46371	(14103118)	578910.54	4142001.46	104.66880	(12121918)
578930.54	4142001.46	110.07954	(12121918)	578950.54	4142001.46	112.20277	(12121918)
578970.54	4142001.46	112.38886	(14121218)	578990.54	4142001.46	114.60021	(14121218)
579010.54	4142001.46	113.78168	(14121218)	579030.54	4142001.46	110.18310	(14121218)
579050.54	4142001.46	104.31928	(14121218)	579070.54	4142001.46	96.70079	(14121218)
579090.54	4142001.46	89.18001	(14020618)	579110.54	4142001.46	85.80220	(14020618)
579130.54	4142001.46	81.22781	(14020618)	579150.54	4142001.46	78.84838	(13012318)
579170.54	4142001.46	78.68290	(13012318)	579190.54	4142001.46	77.38819	(13012318)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	130.24112	(11122717)	578405.01	4141176.41	123.68649	(11122717)
578425.01	4141176.41	112.59570	(11122717)	578445.01	4141176.41	101.50268	(14122618)
578465.01	4141176.41	114.49437	(16020318)	578485.01	4141176.41	127.22943	(16020318)
578505.01	4141176.41	134.45327	(16020318)	578525.01	4141176.41	136.39585	(16020318)
578545.01	4141176.41	131.50788	(16020318)	578565.01	4141176.41	136.26891	(14112017)
578585.01	4141176.41	159.33157	(14112017)	578605.01	4141176.41	175.32827	(14112017)
578625.01	4141176.41	184.95558	(13111917)	578645.01	4141176.41	200.15938	(09012117)
578665.01	4141176.41	207.35695	(09012117)	578685.01	4141176.41	202.49469	(17122818)
578705.01	4141176.41	202.78682	(14121217)	578725.01	4141176.41	215.29774	(14121217)
578745.01	4141176.41	206.51470	(14121217)	578765.01	4141176.41	211.61623	(11010818)
578785.01	4141176.41	223.63874	(11010818)	578805.01	4141176.41	228.40856	(14010318)
578825.01	4141176.41	220.83997	(14010317)	578845.01	4141176.41	234.21443	(16120717)
578865.01	4141176.41	233.43213	(10010917)	578885.01	4141176.41	236.91164	(14122017)
578905.01	4141176.41	237.78505	(10120918)	578925.01	4141176.41	234.42171	(13121418)
578945.01	4141176.41	232.17946	(16112517)	578965.01	4141176.41	232.86409	(09011617)
578985.01	4141176.41	231.54360	(13122818)	579005.01	4141176.41	231.41818	(09012317)
579025.01	4141176.41	226.96879	(13112618)	579045.01	4141176.41	223.92119	(10121417)
579065.01	4141176.41	222.98052	(10121417)	579085.01	4141176.41	217.09837	(11112917)

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        579105.01   4141176.41      209.20991  (10010418)                579125.01
4141176.41      206.05177  (13113018)
        579145.01   4141176.41      204.83447  (12111418)                579165.01
4141176.41      202.04282  (09011017)
        579185.01   4141176.41      198.56083  (09011017)                579205.01
4141176.41      189.82293  (10120217)
        579225.01   4141176.41      188.56413  (12111417)                578385.01
4141196.41      138.59027  (11122717)
        578405.01   4141196.41      137.65698  (11122717)                578425.01
4141196.41      131.07670  (11122717)
        578445.01   4141196.41      120.21794  (11122717)                578465.01
4141196.41      107.59927  (14122618)
        578485.01   4141196.41      121.74207  (16020318)                578505.01
4141196.41      134.80545  (16020318)
        578525.01   4141196.41      142.79174  (16020318)                578545.01
4141196.41      143.81172  (16020318)
        578565.01   4141196.41      137.10583  (16020318)                578585.01
4141196.41      152.71753  (14112017)
        578605.01   4141196.41      175.29867  (14112017)                578625.01
4141196.41      188.67443  (14112017)
        578645.01   4141196.41      200.36427  (09012117)                578665.01
4141196.41      217.11353  (09012117)
        578685.01   4141196.41      215.95933  (09012117)                578705.01
4141196.41      212.85143  (15011918)
        578725.01   4141196.41      224.52452  (14121217)                578745.01
4141196.41      223.70710  (14121217)
        578765.01   4141196.41      216.33269  (11010818)                578785.01
4141196.41      235.23585  (11010818)
        578805.01   4141196.41      241.64823  (14010318)                578825.01
4141196.41      231.11166  (14010317)
        578845.01   4141196.41      246.62858  (16120717)                578865.01
4141196.41      246.46804  (10010917)
        578885.01   4141196.41      250.25480  (14122017)                578905.01
4141196.41      251.47317  (10120918)
        578925.01   4141196.41      246.48266  (13121418)                578945.01
4141196.41      245.64323  (16110418)
        578965.01   4141196.41      247.45711  (09011617)                578985.01
4141196.41      241.85044  (13122818)
        579005.01   4141196.41      246.27680  (09012317)                579025.01
4141196.41      238.99866  (16010818)
        579045.01   4141196.41      239.60884  (10121417)                579065.01
4141196.41      228.50060  (10121417)
        579085.01   4141196.41      225.04608  (11112917)                579105.01
4141196.41      218.64802  (13113018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	217.46761	(12111418)	579145.01	4141196.41	211.52166	(15111918)
579165.01	4141196.41	213.34938	(09011017)	579185.01	4141196.41	203.03004	(10120217)
579205.01	4141196.41	200.67082	(12111417)	579225.01	4141196.41	190.75139	(12111417)
579245.01	4141196.41	183.17417	(17121518)	578385.01	4141216.41	147.35678	(12010309)
578405.01	4141216.41	145.47842	(11122717)	578425.01	4141216.41	145.38387	(11122717)
578445.01	4141216.41	139.78313	(11122717)	578465.01	4141216.41	128.61660	(11122717)
578485.01	4141216.41	113.66080	(14122618)	578505.01	4141216.41	130.22848	(16020318)
578525.01	4141216.41	144.17484	(16020318)	578545.01	4141216.41	151.88827	(16020318)
578565.01	4141216.41	151.70356	(16020318)	578585.01	4141216.41	142.88790	(16020318)
578605.01	4141216.41	170.67480	(14112017)	578625.01	4141216.41	192.10688	(14112017)
578645.01	4141216.41	203.81614	(13111917)	578665.01	4141216.41	222.15813	(09012117)
578685.01	4141216.41	231.48612	(09012117)	578705.01	4141216.41	225.69497	(17122818)
578725.01	4141216.41	230.96789	(14121217)	578745.01	4141216.41	239.63412	(14121217)
578765.01	4141216.41	222.76727	(16011518)	578785.01	4141216.41	246.32627	(11010818)
578805.01	4141216.41	254.99028	(14010318)	578825.01	4141216.41	245.69468	(14010318)
578845.01	4141216.41	259.97601	(16120717)	578925.01	4141216.41	259.39159	(13121418)
578945.01	4141216.41	261.60709	(16110418)	578965.01	4141216.41	262.48588	(09011617)

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        578985.01   4141216.41      253.98842  (13121417)                579005.01
4141216.41      260.04729  (09012317)
        579025.01   4141216.41      251.68901  (11122618)                579045.01
4141216.41      252.70358  (10121417)
        579065.01   4141216.41      243.91791  (11112917)                579085.01
4141216.41      234.81778  (10010418)
        579105.01   4141216.41      230.64888  (13113018)                579125.01
4141216.41      228.53938  (12111418)
        579145.01   4141216.41      227.57606  (09011017)                579165.01
4141216.41      217.22638  (09011017)
        579185.01   4141216.41      213.16562  (12111417)                579205.01
4141216.41      205.96474  (12111417)
        579225.01   4141216.41      195.15022  (17121518)                579245.01
4141216.41      190.50462  (17121318)
        578385.01   4141236.41      153.92647  (12010309)                578405.01
4141236.41      155.66522  (12010309)
        578425.01   4141236.41      153.47489  (12010309)                578445.01
4141236.41      154.02897  (11122717)
        578465.01   4141236.41      148.99545  (11122717)                578485.01
4141236.41      138.05532  (11122717)
        578505.01   4141236.41      122.29927  (11122717)                578525.01
4141236.41      140.12905  (16020318)
        578545.01   4141236.41      154.45392  (16020318)                578565.01
4141236.41      161.72709  (16020318)
        578585.01   4141236.41      160.08518  (16020318)                578605.01
4141236.41      161.30012  (14112017)
        578625.01   4141236.41      190.19915  (14112017)                578645.01
4141236.41      209.42104  (14112017)
        578665.01   4141236.41      222.60886  (13111917)                578685.01
4141236.41      242.65715  (09012117)
        578705.01   4141236.41      242.01904  (09012117)                578725.01
4141236.41      238.65161  (15011918)
        578745.01   4141236.41      253.45744  (14121217)                578765.01
4141236.41      244.90079  (14121217)
        578785.01   4141236.41      256.46838  (11010818)                578805.01
4141236.41      268.28417  (14010318)
        578825.01   4141236.41      264.88199  (14010318)                578945.01
4141236.41      278.45665  (16110418)
        578965.01   4141236.41      277.58772  (09011617)                578985.01
4141236.41      273.05517  (09012317)
        579005.01   4141236.41      271.75713  (09012317)                579025.01
4141236.41      268.68249  (10121417)
        579045.01   4141236.41      262.14319  (10121417)                579065.01
4141236.41      254.86203  (11112917)
        579085.01   4141236.41      246.92152  (13113018)                579105.01
4141236.41      245.53146  (12111418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	240.55565	(09011017)	579145.01	4141236.41	236.85236	(09011017)
579165.01	4141236.41	225.91012	(12111417)	579185.01	4141236.41	222.28746	(12111417)
579205.01	4141236.41	208.07190	(17121518)	579225.01	4141236.41	203.82798	(17121318)
579245.01	4141236.41	191.20816	(09121018)	578385.01	4141256.41	151.61249	(12010309)
578405.01	4141256.41	160.48963	(12010309)	578425.01	4141256.41	164.46976	(12010309)
578445.01	4141256.41	163.70169	(12010309)	578465.01	4141256.41	163.47191	(11122717)
578485.01	4141256.41	159.21955	(11122717)	578505.01	4141256.41	148.89935	(11122717)
578525.01	4141256.41	132.42939	(11122717)	578545.01	4141256.41	150.84297	(16020318)
578565.01	4141256.41	165.78260	(16020318)	578585.01	4141256.41	172.53124	(16020318)
578605.01	4141256.41	169.00682	(16020318)	578625.01	4141256.41	182.63296	(14112017)
578645.01	4141256.41	211.04896	(14112017)	578665.01	4141256.41	226.63745	(14112017)
578685.01	4141256.41	248.19143	(09012117)	578705.01	4141256.41	260.48982	(09012117)
578725.01	4141256.41	253.71722	(17122818)	578745.01	4141256.41	264.37616	(14121217)
578765.01	4141256.41	266.88204	(14121217)	578785.01	4141256.41	265.29885	(11010818)
578805.01	4141256.41	281.48646	(11010818)	578965.01	4141256.41	294.31815	(13122818)
578985.01	4141256.41	294.58525	(09012317)	579005.01	4141256.41	287.60054	(16010818)

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        579025.01   4141256.41      287.96854  (10121417)                579045.01
4141256.41      276.37010  (11112917)
        579065.01   4141256.41      266.17909  (10010418)                579085.01
4141256.41      260.67710  (13113018)
        579105.01   4141256.41      256.59115  (12111418)                579125.01
4141256.41      256.57410  (09011017)
        579145.01   4141256.41      243.67917  (10120217)                579165.01
4141256.41      239.75338  (12111417)
        579185.01   4141256.41      222.14716  (17121518)                579205.01
4141256.41      218.53796  (17121318)
        579225.01   4141256.41      205.55310  (17121318)                579245.01
4141256.41      203.75008  (13110618)
        579265.01   4141256.41      196.89425  (13110618)                578385.01
4141276.41      140.12028  (12010309)
        578405.01   4141276.41      156.18408  (12010309)                578425.01
4141276.41      167.75241  (12010309)
        578445.01   4141276.41      174.68774  (12010309)                578465.01
4141276.41      175.56573  (12010309)
        578485.01   4141276.41      174.08848  (11122717)                578505.01
4141276.41      171.32743  (11122717)
        578525.01   4141276.41      161.08330  (11122717)                578545.01
4141276.41      143.75825  (11122717)
        578565.01   4141276.41      162.85649  (16020318)                578585.01
4141276.41      178.38757  (16020318)
        578605.01   4141276.41      184.23376  (16020318)                578625.01
4141276.41      178.46416  (16020318)
        578645.01   4141276.41      206.27983  (14112017)                578665.01
4141276.41      233.03557  (14112017)
        578685.01   4141276.41      249.26224  (13111917)                578705.01
4141276.41      273.51287  (09012117)
        578725.01   4141276.41      273.98588  (09012117)                578745.01
4141276.41      271.51358  (14121217)
        578765.01   4141276.41      287.17145  (14121217)                578785.01
4141276.41      272.55335  (11010818)
        578985.01   4141276.41      314.98952  (09012317)                579005.01
4141276.41      304.84595  (11122618)
        579025.01   4141276.41      303.39181  (10121417)                579045.01
4141276.41      291.88143  (11112917)
        579065.01   4141276.41      281.86780  (13113018)                579085.01
4141276.41      279.48344  (12111418)
        579105.01   4141276.41      275.74051  (09011017)                579125.01
4141276.41      262.77717  (10120217)
        579145.01   4141276.41      258.31890  (12111417)                579165.01
4141276.41      242.43968  (12111417)
        579185.01   4141276.41      234.87883  (17121318)                579205.01
4141276.41      222.11055  (17121318)
        579225.01   4141276.41      218.27526  (13110618)                579245.01
4141276.41      210.54650  (13110618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141276.41	198.61551	(15011018)	578385.01	4141296.41	123.41745	(12010309)
578405.01	4141296.41	143.00003	(12010309)	578425.01	4141296.41	160.86178	(12010309)
578445.01	4141296.41	175.62086	(12010309)	578465.01	4141296.41	185.41350	(12010309)
578485.01	4141296.41	188.60407	(12010309)	578505.01	4141296.41	186.17515	(11122717)
578525.01	4141296.41	184.74261	(11122717)	578545.01	4141296.41	174.78512	(11122717)
578565.01	4141296.41	156.69541	(11122717)	578585.01	4141296.41	176.39518	(16020318)
578605.01	4141296.41	192.29537	(16020318)	578625.01	4141296.41	197.10331	(16020318)
578645.01	4141296.41	195.03689	(14112017)	578665.01	4141296.41	232.27670	(14112017)
578685.01	4141296.41	255.67035	(14112017)	578705.01	4141296.41	279.75356	(09012117)
578725.01	4141296.41	296.13972	(09012117)	578745.01	4141296.41	288.24257	(17122818)
579005.01	4141296.41	330.00172	(10121417)	579025.01	4141296.41	316.75561	(11112917)
579045.01	4141296.41	305.60142	(10010418)	579065.01	4141296.41	299.72796	(12111418)
579085.01	4141296.41	293.33850	(09011017)	579105.01	4141296.41	289.60811	(09011017)
579125.01	4141296.41	277.84112	(12111417)	579145.01	4141296.41	265.78054	(12111417)
579165.01	4141296.41	253.10837	(17121318)	579185.01	4141296.41	240.81704	(17121318)

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        579205.01   4141296.41      234.59846  (13110618)               579225.01
4141296.41      225.87659  (13110618)
        579245.01   4141296.41      212.22486  (15011018)               579265.01
4141296.41      189.25432  (15011018)
        579285.01   4141296.41      162.83717  (09011517)               578385.01
4141316.41      101.69457  (12010309)
        578405.01   4141316.41      123.27681  (12010309)               578425.01
4141316.41      145.37692  (12010309)
        578445.01   4141316.41      166.02482  (12010309)               578465.01
4141316.41      183.73559  (12010309)
        578485.01   4141316.41      196.58303  (12010309)               578505.01
4141316.41      202.57518  (12010309)
        578525.01   4141316.41      200.19605  (12010309)               578545.01
4141316.41      199.61436  (11122717)
        578565.01   4141316.41      190.32516  (11122717)               578585.01
4141316.41      171.55821  (11122717)
        578605.01   4141316.41      191.74396  (16020318)               578625.01
4141316.41      207.97224  (16020318)
        578645.01   4141316.41      211.32832  (16020318)               578665.01
4141316.41      223.75332  (14112017)
        578685.01   4141316.41      260.39306  (14112017)               578705.01
4141316.41      281.37626  (13111917)
        578725.01   4141316.41      311.62773  (09012117)               579025.01
4141316.41      338.36319  (11112917)
        579045.01   4141316.41      325.81489  (13113018)               579065.01
4141316.41      321.23993  (12111418)
        579085.01   4141316.41      317.25503  (09011017)               579105.01
4141316.41      300.18526  (10120217)
        579125.01   4141316.41      291.64130  (12111417)               579145.01
4141316.41      273.45460  (17121318)
        579165.01   4141316.41      262.08513  (17121318)               579185.01
4141316.41      253.15400  (13110618)
        579205.01   4141316.41      243.31960  (15011018)               579225.01
4141316.41      227.49889  (15011018)
        579245.01   4141316.41      201.12400  (15011018)               579265.01
4141316.41      175.19372  (09011517)
        579285.01   4141316.41      166.10881  (09011517)               578385.01
4141336.41      109.80606  (09110418)
        578405.01   4141336.41      100.79508  (09110418)               578425.01
4141336.41      122.60776  (12010309)
        578445.01   4141336.41      146.99940  (12010309)               578465.01
4141336.41      170.94336  (12010309)
        578485.01   4141336.41      191.86999  (12010309)               578505.01
4141336.41      208.20423  (12010309)
        578525.01   4141336.41      217.53713  (12010309)               578545.01
4141336.41      217.85239  (12010309)
        578565.01   4141336.41      216.22499  (11122717)               578585.01
4141336.41      207.93538  (11122717)
        578605.01   4141336.41      188.73081  (11122717)               578625.01
4141336.41      209.14465  (16020318)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141336.41	225.51048	(16020318)	578665.01	4141336.41	227.01563	(16020318)
578685.01	4141336.41	256.08272	(14112017)	578705.01	4141336.41	290.38517	(14112017)
579025.01	4141336.41	355.75497	(10010418)	579045.01	4141336.41	350.40131	(12111418)
579065.01	4141336.41	344.49264	(09011017)	579085.01	4141336.41	328.89547	(10120217)
579105.01	4141336.41	320.02973	(12111417)	579125.01	4141336.41	297.33318	(11111218)
579145.01	4141336.41	286.40094	(17121318)	579165.01	4141336.41	274.35860	(13110618)
579185.01	4141336.41	263.43215	(15011018)	579205.01	4141336.41	244.67281	(15011018)
579225.01	4141336.41	214.23653	(15011018)	579245.01	4141336.41	188.83732	(09011517)
579265.01	4141336.41	176.88612	(09011517)	579285.01	4141336.41	162.62153	(12120718)
578385.01	4141356.41	133.30705	(09110418)	578405.01	4141356.41	127.86644	(09110418)
578425.01	4141356.41	119.91156	(09110418)	578445.01	4141356.41	121.34268	(12010309)
578465.01	4141356.41	148.03276	(12010309)	578485.01	4141356.41	175.12956	(12010309)
578505.01	4141356.41	200.03429	(12010309)	578525.01	4141356.41	220.26715	(12010309)
578545.01	4141356.41	233.57246	(12010309)	578565.01	4141356.41	237.29514	(12010309)

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        578585.01   4141356.41      234.79791  (11122717)              578605.01
4141356.41      228.16924  (11122717)
        578625.01   4141356.41      208.67172  (11122717)              578645.01
4141356.41      228.83442  (16020318)
        578665.01   4141356.41      245.42862  (16020318)              578685.01
4141356.41      244.42733  (16020318)
        579025.01   4141356.41      382.79824  (13113018)              579045.01
4141356.41      373.51098  (12111418)
        579065.01   4141356.41      365.88481  (09011017)              579085.01
4141356.41      351.03750  (12111417)
        579105.01   4141356.41      325.01404  (11111218)              579125.01
4141356.41      314.29418  (17121318)
        579145.01   4141356.41      298.74460  (13110618)              579165.01
4141356.41      286.41527  (15011018)
        579185.01   4141356.41      264.19576  (15011018)              579205.01
4141356.41      228.86039  (15011018)
        579225.01   4141356.41      203.84891  (09011517)              579245.01
4141356.41      188.37312  (09011517)
        579265.01   4141356.41      176.05988  (12120718)              579285.01
4141356.41      172.50042  (17122918)
        579305.01   4141356.41      166.28744  (17122918)              578385.01
4141376.41      149.93209  (09110418)
        578405.01   4141376.41      149.88926  (09110418)              578425.01
4141376.41      146.87595  (09110418)
        578445.01   4141376.41      140.84428  (09110418)              578465.01
4141376.41      131.70865  (09110418)
        578485.01   4141376.41      148.29703  (12010309)              578505.01
4141376.41      178.56563  (12010309)
        578525.01   4141376.41      207.80115  (12010309)              578545.01
4141376.41      232.56299  (12010309)
        578565.01   4141376.41      250.69453  (12010309)              578585.01
4141376.41      258.65746  (12010309)
        578605.01   4141376.41      255.79266  (11122717)              578625.01
4141376.41      251.33652  (11122717)
        578645.01   4141376.41      232.00565  (11122717)              578665.01
4141376.41      251.68568  (16020318)
        578685.01   4141376.41      268.26659  (16020318)              579005.01
4141376.41      422.37683  (10010418)
        579025.01   4141376.41      415.94005  (12111418)              579045.01
4141376.41      406.90759  (09011017)
        579065.01   4141376.41      384.77686  (12111417)              579085.01
4141376.41      362.36115  (12111417)
        579105.01   4141376.41      346.53777  (17121318)              579125.01
4141376.41      326.91765  (13110618)
        579145.01   4141376.41      313.01423  (15011018)              579165.01
4141376.41      286.49606  (15011018)
        579185.01   4141376.41      245.18277  (15011018)              579205.01
4141376.41      220.46687  (09011517)
        579225.01   4141376.41      200.64006  (09011517)              579245.01
4141376.41      192.06930  (17122918)
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579265.01   4141376.41   187.17021 (17122918)   579285.01
4141376.41   178.69657 (14011818)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S):   DEMO3_1D   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579305.01	4141376.41	175.06071	(14011818)	578385.01	4141396.41	156.07976	(09110418)
578405.01	4141396.41	162.08042	(09110418)	578425.01	4141396.41	165.41947	(09110418)
578445.01	4141396.41	165.79785	(09110418)	578465.01	4141396.41	162.88306	(09110418)
578485.01	4141396.41	156.15954	(09110418)	578505.01	4141396.41	147.74198	(12010309)
578525.01	4141396.41	181.56713	(12010309)	578545.01	4141396.41	214.84739	(12010309)
578565.01	4141396.41	245.09002	(12010309)	578585.01	4141396.41	268.66846	(12010309)
578605.01	4141396.41	282.04025	(12010309)	578625.01	4141396.41	281.81076	(12010309)
578645.01	4141396.41	278.09407	(11122717)	578665.01	4141396.41	259.62787	(11122717)
579005.01	4141396.41	458.77286	(13113018)	579025.01	4141396.41	448.79958	(09011017)
579045.01	4141396.41	427.92285	(10120217)	579065.01	4141396.41	406.92250	(12111417)
579085.01	4141396.41	384.15231	(17121318)	579105.01	4141396.41	359.95710	(13110618)
579125.01	4141396.41	343.99752	(15011018)	579145.01	4141396.41	312.06483	(15011018)
579165.01	4141396.41	263.56774	(15011018)	579185.01	4141396.41	238.86586	(09011517)

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        579205.01   4141396.41      216.87839  (12120718)               579225.01
4141396.41      211.50332  (17122918)
        579245.01   4141396.41      202.34414  (17122918)               579265.01
4141396.41      196.60408  (14011818)
        579285.01   4141396.41      189.04049  (14011818)               579305.01
4141396.41      177.91662  (14011818)
        578385.01   4141416.41      149.97261  (09110418)               578405.01
4141416.41      161.53512  (09110418)
        578425.01   4141416.41      171.49890  (09110418)               578445.01
4141416.41      179.19388  (09110418)
        578465.01   4141416.41      183.91040  (09110418)               578485.01
4141416.41      185.08531  (09110418)
        578505.01   4141416.41      181.96391  (09110418)               578525.01
4141416.41      174.55930  (09110418)
        578545.01   4141416.41      183.50098  (12010309)               578565.01
4141416.41      221.59488  (12010309)
        578585.01   4141416.41      257.60031  (12010309)               578605.01
4141416.41      287.66757  (12010309)
        578625.01   4141416.41      307.60826  (12010309)               578645.01
4141416.41      313.12624  (12010309)
        578665.01   4141416.41      309.06953  (11122717)               579025.01
4141416.41      482.84091  (09011017)
        579045.01   4141416.41      458.15215  (12111417)               579065.01
4141416.41      428.44527  (17121318)
        579085.01   4141416.41      399.04483  (13110618)               579105.01
4141416.41      380.40275  (15011018)
        579125.01   4141416.41      341.81623  (15011018)               579145.01
4141416.41      284.49736  (15011018)
        579165.01   4141416.41      259.15764  (09011517)               579185.01
4141416.41      239.74455  (17122918)
        579205.01   4141416.41      232.20468  (17122918)               579225.01
4141416.41      222.53486  (14011818)
        579245.01   4141416.41      214.82771  (14011818)               579265.01
4141416.41      202.37737  (14011818)
        579285.01   4141416.41      190.98897  (17120218)               579305.01
4141416.41      184.98965  (17120218)
        578385.01   4141436.41      150.58832  (16030918)               578405.01
4141436.41      152.19151  (16030918)
        578425.01   4141436.41      163.32997  (09110418)               578445.01
4141436.41      177.53436  (09110418)
        578465.01   4141436.41      189.92346  (09110418)               578485.01
4141436.41      199.74164  (09110418)
        578505.01   4141436.41      205.94809  (09110418)               578525.01
4141436.41      208.24643  (09110418)
        578545.01   4141436.41      205.44115  (09110418)               578565.01
4141436.41      197.20407  (09110418)
        578585.01   4141436.41      227.86668  (12010309)               578605.01
4141436.41      270.23607  (12010309)
        578625.01   4141436.41      307.68908  (12010309)               578645.01
4141436.41      335.62219  (12010309)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579025.01	4141436.41	517.43199	(12111417)	579045.01	4141436.41	481.52067	(17121318)
579065.01	4141436.41	445.85921	(13110618)	579085.01	4141436.41	423.73941	(15011018)
579105.01	4141436.41	376.70954	(15011018)	579125.01	4141436.41	312.64188	(09011517)
579145.01	4141436.41	281.63574	(09011517)	579165.01	4141436.41	268.21694	(17122918)
579185.01	4141436.41	254.22782	(14011818)	579205.01	4141436.41	246.65464	(14011818)
579225.01	4141436.41	232.72157	(14011818)	579245.01	4141436.41	217.46890	(17120218)
579265.01	4141436.41	209.90291	(17120218)	579285.01	4141436.41	199.02248	(17120218)
579305.01	4141436.41	185.87053	(09120518)	579325.01	4141436.41	176.40223	(09120518)
578385.01	4141456.41	157.52912	(16030918)	578405.01	4141456.41	164.14127	(16030918)
578425.01	4141456.41	169.47872	(16030918)	578445.01	4141456.41	173.28283	(16030918)
578465.01	4141456.41	178.88669	(09110418)	578485.01	4141456.41	196.20252	(09110418)
578505.01	4141456.41	211.33099	(09110418)	578525.01	4141456.41	224.25161	(09110418)
578545.01	4141456.41	232.68793	(09110418)	578565.01	4141456.41	236.68349	(09110418)
578585.01	4141456.41	234.90203	(09110418)	578605.01	4141456.41	233.60564	(12010309)

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        578625.01   4141456.41      282.92600  (12010309)               578645.01
4141456.41      328.79363  (12010309)
        579045.01   4141456.41      502.86370  (13110618)               579065.01
4141456.41      476.02400  (15011018)
        579085.01   4141456.41      418.17350  (15011018)               579105.01
4141456.41      347.98953  (09011517)
        579125.01   4141456.41      311.69527  (17122918)               579145.01
4141456.41      299.32660  (17122918)
        579165.01   4141456.41      286.79002  (14011818)               579185.01
4141456.41      271.13516  (14011818)
        579205.01   4141456.41      250.88310  (17120218)               579225.01
4141456.41      241.14798  (17120218)
        579245.01   4141456.41      227.17166  (17120218)               579265.01
4141456.41      211.36498  (09120518)
        578385.01   4141476.41      151.62648  (16030918)               578405.01
4141476.41      162.55076  (16030918)
        578425.01   4141476.41      172.97262  (16030918)               578445.01
4141476.41      182.53011  (16030918)
        578465.01   4141476.41      190.95151  (16030918)               578485.01
4141476.41      197.83038  (16030918)
        578505.01   4141476.41      202.46494  (16030918)               578525.01
4141476.41      218.39075  (09110418)
        578545.01   4141476.41      237.16884  (09110418)               578565.01
4141476.41      253.61228  (09110418)
        578585.01   4141476.41      265.92492  (09110418)               578605.01
4141476.41      272.72266  (09110418)
        578625.01   4141476.41      272.55260  (09110418)               578645.01
4141476.41      295.78788  (12010309)
        579065.01   4141476.41      468.50669  (15011018)               579085.01
4141476.41      389.28432  (09011517)
        579105.01   4141476.41      356.43434  (17122918)               579125.01
4141476.41      338.26092  (14011818)
        579145.01   4141476.41      320.98924  (14011818)               579165.01
4141476.41      294.76615  (14011818)
        579185.01   4141476.41      281.18982  (17120218)               579205.01
4141476.41      262.87176  (17120218)
        579225.01   4141476.41      243.21906  (09120518)               578385.01
4141496.41      177.33206  (14120118)
        578405.01   4141496.41      179.94555  (14120118)               578425.01
4141496.41      181.59375  (14120118)
        578445.01   4141496.41      182.17163  (14120118)               578465.01
4141496.41      189.29236  (16030918)
        578485.01   4141496.41      202.80995  (16030918)               578505.01
4141496.41      215.16249  (16030918)
        578525.01   4141496.41      226.42883  (16030918)               578545.01
4141496.41      234.99068  (16030918)
        578565.01   4141496.41      244.02894  (09110418)               578585.01
4141496.41      268.56531  (09110418)
        578605.01   4141496.41      290.23958  (09110418)               578625.01
4141496.41      307.65410  (09110418)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141496.41	319.52967	(09110418)	579085.01	4141496.41	407.11457	(17122918)
579105.01	4141496.41	387.33932	(14011818)	579125.01	4141496.41	355.41087	(14011818)
579145.01	4141496.41	334.00157	(17120218)	579165.01	4141496.41	309.35717	(17120218)
579185.01	4141496.41	283.85749	(09120518)	579205.01	4141496.41	269.62708	(17112018)
578385.01	4141516.41	191.24326	(14120118)	578405.01	4141516.41	198.78458	(14120118)
578425.01	4141516.41	205.83051	(14120118)	578445.01	4141516.41	212.17684	(14120118)
578465.01	4141516.41	217.76510	(14120118)	578485.01	4141516.41	222.44361	(14120118)
578505.01	4141516.41	225.83873	(14120118)	578525.01	4141516.41	228.23048	(14120118)
578545.01	4141516.41	242.14503	(16030918)	578565.01	4141516.41	258.76440	(16030918)
578585.01	4141516.41	273.62577	(16030918)	578605.01	4141516.41	286.12654	(16030918)
578625.01	4141516.41	307.44929	(09110418)	578645.01	4141516.41	337.08793	(09110418)
579085.01	4141516.41	439.58269	(14011818)	579105.01	4141516.41	406.21254	(17120218)
579125.01	4141516.41	371.86343	(17120218)	579145.01	4141516.41	339.71862	(17112018)
579165.01	4141516.41	320.00485	(17112018)	578385.01	4141536.41	187.44800	(14120118)

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        578405.01   4141536.41      198.81886  (14120118)              578425.01
4141536.41      210.43791  (14120118)
        578445.01   4141536.41      222.16348  (14120118)              578465.01
4141536.41      233.79217  (14120118)
        578485.01   4141536.41      245.24317  (14120118)              578505.01
4141536.41      256.20654  (14120118)
        578525.01   4141536.41      267.10398  (14120118)              578545.01
4141536.41      276.33835  (14120118)
        578565.01   4141536.41      285.05238  (14120118)              578585.01
4141536.41      292.42145  (14120118)
        578605.01   4141536.41      298.15137  (14120118)              578625.01
4141536.41      319.66802  (16030918)
        578645.01   4141536.41      341.74396  (16030918)              578665.01
4141536.41      361.80537  (16030918)
        579105.01   4141536.41      418.84314  (17112018)              579125.01
4141536.41      386.24027  (17112018)
        579185.01   4141536.41      280.21353  (10120118)              578385.01
4141556.41      172.95733  (12010417)
        578405.01   4141556.41      181.78433  (17020418)              578425.01
4141556.41      194.17062  (17020418)
        578445.01   4141556.41      208.85038  (14120118)              578465.01
4141556.41      224.64633  (14120118)
        578485.01   4141556.41      241.13455  (14120118)              578505.01
4141556.41      258.22932  (14120118)
        578525.01   4141556.41      276.18724  (14120118)              578545.01
4141556.41      293.80131  (14120118)
        578565.01   4141556.41      312.11986  (14120118)              578585.01
4141556.41      330.45724  (14120118)
        578605.01   4141556.41      348.83045  (14120118)              578625.01
4141556.41      367.04645  (14120118)
        578645.01   4141556.41      385.10233  (14120118)              578665.01
4141556.41      402.87438  (14120118)
        578685.01   4141556.41      420.27031  (14120118)              579165.01
4141556.41      327.19338  (10120118)
        579185.01   4141556.41      303.80032  (10120118)              579205.01
4141556.41      281.31324  (10120118)
        578385.01   4141576.41      190.53141  (12010417)              578405.01
4141576.41      198.59527  (12010417)
        578425.01   4141576.41      207.14383  (12010417)              578445.01
4141576.41      216.11034  (12010417)
        578465.01   4141576.41      225.49122  (12010417)              578485.01
4141576.41      235.38020  (12010417)
        578505.01   4141576.41      245.86600  (12010417)              578525.01
4141576.41      257.20944  (12010417)
        578545.01   4141576.41      275.60722  (14120118)              578565.01
4141576.41      300.38335  (14120118)
        578585.01   4141576.41      326.70828  (14120118)              578605.01
4141576.41      354.52572  (14120118)
        578625.01   4141576.41      383.93313  (14120118)              578645.01
4141576.41      415.14662  (14120118)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141576.41	448.13907	(14120118)	578685.01	4141576.41	483.87526	(14120118)
578705.01	4141576.41	524.04307	(14120118)	579145.01	4141576.41	359.54952	(10122318)
579165.01	4141576.41	333.19273	(10122318)	579185.01	4141576.41	308.84477	(10122318)
579205.01	4141576.41	286.45773	(10122318)	579225.01	4141576.41	265.90372	(10122318)
579245.01	4141576.41	247.05997	(10122318)	579265.01	4141576.41	230.19126	(11112918)
578385.01	4141596.41	194.69952	(13012417)	578405.01	4141596.41	202.96000	(13012417)
578425.01	4141596.41	211.79636	(13012417)	578445.01	4141596.41	221.31476	(13012417)
578465.01	4141596.41	232.72895	(12010417)	578485.01	4141596.41	245.94061	(12010417)
578505.01	4141596.41	260.39793	(12010417)	578525.01	4141596.41	276.09578	(12010417)
578545.01	4141596.41	292.56524	(12010417)	578565.01	4141596.41	310.72293	(12010417)
578585.01	4141596.41	330.30083	(12010417)	578605.01	4141596.41	351.60269	(12010417)
578625.01	4141596.41	375.10238	(12010417)	578645.01	4141596.41	401.28184	(12010417)
578665.01	4141596.41	433.61590	(14120118)	578685.01	4141596.41	480.39763	(14120118)
578705.01	4141596.41	531.03161	(14120118)	578725.01	4141596.41	588.78782	(14120118)

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        578745.01   4141596.41      658.73083  (14120118)               579105.01
4141596.41      443.28592  (10122318)
        579145.01   4141596.41      366.75985  (11112918)               579165.01
4141596.41      336.75280  (11112918)
        579185.01   4141596.41      310.27974  (11112918)               579205.01
4141596.41      286.79578  (11112918)
        579225.01   4141596.41      265.87504  (11112918)               579245.01
4141596.41      247.15848  (11112918)
        579265.01   4141596.41      230.36123  (11112918)               579285.01
4141596.41      215.15225  (11112918)
        579305.01   4141596.41      201.45725  (11112918)               579325.01
4141596.41      189.03518  (11112918)
        579345.01   4141596.41      177.69925  (11112918)               578385.01
4141616.41      208.91342  (13012417)
        578405.01   4141616.41      218.85353  (13012417)               578425.01
4141616.41      229.62891  (13012417)
        578445.01   4141616.41      241.21810  (13012417)               578465.01
4141616.41      253.80975  (13012417)
        578485.01   4141616.41      267.56537  (13012417)               578505.01
4141616.41      282.65660  (13012417)
        578525.01   4141616.41      299.42361  (13012417)               578545.01
4141616.41      317.31266  (13012417)
        578565.01   4141616.41      337.47960  (13012417)               578585.01
4141616.41      359.67636  (13012417)
        578605.01   4141616.41      384.40692  (13012417)               578625.01
4141616.41      412.17113  (13012417)
        578645.01   4141616.41      443.25004  (13012417)               578665.01
4141616.41      478.88850  (13012417)
        578685.01   4141616.41      519.98611  (13012417)               578705.01
4141616.41      567.67162  (13012417)
        578725.01   4141616.41      623.40267  (13012417)               578745.01
4141616.41      690.85740  (13012417)
        579065.01   4141616.41      549.16837  (11112918)               579085.01
4141616.41      482.80897  (11112918)
        579105.01   4141616.41      428.77738  (11112918)               579125.01
4141616.41      383.98623  (11112918)
        579165.01   4141616.41      314.14257  (11112918)               579185.01
4141616.41      286.50025  (11112918)
        579205.01   4141616.41      262.52014  (11112918)               579225.01
4141616.41      241.54390  (11112918)
        579245.01   4141616.41      223.07841  (11112918)               579265.01
4141616.41      206.72914  (11112918)
        579285.01   4141616.41      192.11610  (11112918)               579305.01
4141616.41      179.12842  (11112918)
        579325.01   4141616.41      167.46247  (11112918)               579345.01
4141616.41      156.92212  (11112918)
        578385.01   4141636.41      200.52627  (13012417)               578405.01
4141636.41      210.30496  (13012417)
        578425.01   4141636.41      220.87299  (13012417)               578445.01
4141636.41      232.39863  (13012417)
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        578465.01   4141636.41      244.95181  (13012417)                578485.01
4141636.41      258.62939  (13012417)
        578505.01   4141636.41      273.75907  (13012417)                578525.01
4141636.41      290.52548  (13012417)
        578545.01   4141636.41      308.92300  (13012417)                578565.01
4141636.41      329.54574  (13012417)
        578585.01   4141636.41      352.72859  (13012417)                578605.01
4141636.41      378.71325  (13012417)
        578625.01   4141636.41      408.06658  (13012417)                578645.01
4141636.41      441.74110  (13012417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 878
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578665.01   4141636.41      480.56197  (13012417)                578685.01
4141636.41      526.39395  (13012417)
        578705.01   4141636.41      580.81846  (13012417)                578725.01
4141636.41      645.81829  (13012417)
        579045.01   4141636.41      574.39989  (16011318)                579065.01
4141636.41      493.94203  (16011318)
        579085.01   4141636.41      429.66109  (16011318)                579105.01
4141636.41      377.12289  (16011318)
        579125.01   4141636.41      333.53810  (16011318)                579165.01
4141636.41      268.82995  (09112318)
        579185.01   4141636.41      248.42562  (09112318)                579205.01
4141636.41      230.58077  (09112318)
        579225.01   4141636.41      214.81316  (09112318)                579245.01
4141636.41      200.84827  (09112318)
        579265.01   4141636.41      188.34566  (09112318)                579285.01
4141636.41      177.10061  (09112318)
        579305.01   4141636.41      167.00978  (09112318)                579325.01
4141636.41      157.86140  (09112318)
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        579345.01   4141636.41      149.54821  (09112318)              578385.01
4141656.41      181.02940  (17121418)
        578405.01   4141656.41      189.20983  (17121418)              578425.01
4141656.41      198.00465  (17121418)
        578445.01   4141656.41      207.59260  (17121418)              578465.01
4141656.41      218.09051  (17121418)
        578485.01   4141656.41      229.48114  (17121418)              578505.01
4141656.41      243.62841  (10012218)
        578525.01   4141656.41      258.82295  (10012218)              578545.01
4141656.41      275.51628  (10012218)
        578565.01   4141656.41      293.97271  (10012218)              578585.01
4141656.41      314.37636  (10012218)
        578605.01   4141656.41      337.08318  (10012218)              578625.01
4141656.41      362.67190  (10012218)
        578645.01   4141656.41      391.28680  (10012218)              578665.01
4141656.41      424.18614  (10012218)
        578685.01   4141656.41      463.74951  (10012218)              578705.01
4141656.41      510.15731  (17121418)
        578725.01   4141656.41      574.62763  (17121418)              579005.01
4141656.41      767.01292  (09012218)
        579025.01   4141656.41      643.50089  (17010418)              579045.01
4141656.41      565.71892  (16011318)
        579065.01   4141656.41      506.58801  (16011318)              579085.01
4141656.41      455.05389  (16011318)
        579105.01   4141656.41      410.10372  (16011318)              579125.01
4141656.41      370.74154  (16011318)
        579145.01   4141656.41      336.19734  (16011318)              579185.01
4141656.41      278.80331  (16011318)
        579205.01   4141656.41      254.94091  (16011318)              579225.01
4141656.41      233.72411  (16011318)
        579245.01   4141656.41      214.76435  (16011318)              579265.01
4141656.41      197.80762  (16011318)
        579285.01   4141656.41      182.61684  (16011318)              579305.01
4141656.41      168.97329  (16011318)
        579325.01   4141656.41      156.63727  (16011318)              579345.01
4141656.41      145.50626  (16011318)
        578385.01   4141676.41      178.47905  (10012218)              578405.01
4141676.41      186.50977  (10012218)
        578425.01   4141676.41      195.02301  (10012218)              578445.01
4141676.41      204.13477  (10012218)
        578465.01   4141676.41      213.96080  (10012218)              578485.01
4141676.41      224.21604  (10012218)
        578505.01   4141676.41      235.38133  (10012218)              578525.01
4141676.41      246.94460  (10012218)
        578545.01   4141676.41      259.38382  (10012218)              578565.01
4141676.41      272.80076  (10012218)
        578585.01   4141676.41      287.34561  (10012218)              578605.01
4141676.41      303.08069  (10012218)
        578625.01   4141676.41      320.57702  (10012218)              578645.01
4141676.41      340.19080  (10012218)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141676.41	368.16607	(15102718)	578685.01	4141676.41	422.01603	(15102718)
578705.01	4141676.41	491.61446	(16120718)	578985.01	4141676.41	782.80170	(17112518)
579005.01	4141676.41	692.31581	(17112518)	579025.01	4141676.41	616.29163	(09012218)
579045.01	4141676.41	548.68983	(09012218)	579065.01	4141676.41	476.95174	(09012218)
579085.01	4141676.41	429.91671	(17010418)	579105.01	4141676.41	391.82636	(17010418)
579125.01	4141676.41	355.33289	(17010418)	579145.01	4141676.41	327.15613	(16011318)
579165.01	4141676.41	305.03145	(16011318)	579185.01	4141676.41	284.29405	(16011318)
579205.01	4141676.41	264.94294	(16011318)	579225.01	4141676.41	246.98755	(16011318)
579245.01	4141676.41	230.37265	(16011318)	579265.01	4141676.41	214.99296	(16011318)
579285.01	4141676.41	200.82436	(16011318)	579305.01	4141676.41	187.70242	(16011318)
579325.01	4141676.41	175.66143	(16011318)	579345.01	4141676.41	164.54670	(16011318)
578385.01	4141696.41	163.82167	(10012218)	578405.01	4141696.41	168.97272	(10012218)
578425.01	4141696.41	174.34855	(10012218)	578445.01	4141696.41	179.87505	(10012218)
578465.01	4141696.41	185.38127	(10012218)	578485.01	4141696.41	190.85988	(10012218)

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        578505.01   4141696.41      196.60690  (10012218)               578525.01
4141696.41      202.24224  (10012218)
        578565.01   4141696.41      232.38672  (15102718)               578585.01
4141696.41      262.32237  (15102718)
        578605.01   4141696.41      294.70584  (15102718)               578625.01
4141696.41      329.25214  (15102718)
        578645.01   4141696.41      366.09155  (15102718)               578665.01
4141696.41      428.63582  (16120718)
        578685.01   4141696.41      499.82386  (16120718)               578945.01
4141696.41      778.05378  (14020618)
        578965.01   4141696.41      707.04740  (13012318)               578985.01
4141696.41      651.98734  (11121618)
        579005.01   4141696.41      613.45572  (17112518)               579025.01
4141696.41      568.26769  (17112518)
        579045.01   4141696.41      498.28002  (17112518)               579065.01
4141696.41      464.63558  (09012218)
        579085.01   4141696.41      426.68261  (09012218)               579105.01
4141696.41      384.06898  (09012218)
        579125.01   4141696.41      340.15986  (09012218)               579145.01
4141696.41      316.94080  (17010418)
        579165.01   4141696.41      296.31301  (17010418)               579185.01
4141696.41      275.43357  (17010418)
        579205.01   4141696.41      254.98874  (17010418)               579225.01
4141696.41      235.23510  (17010418)
        579245.01   4141696.41      221.82406  (16011318)               579265.01
4141696.41      210.85819  (16011318)
        579285.01   4141696.41      200.23327  (16011318)               579305.01
4141696.41      189.99222  (16011318)
        579325.01   4141696.41      180.20950  (16011318)               579345.01
4141696.41      170.87223  (16011318)
        578385.01   4141716.41      134.02775  (10012218)               578405.01
4141716.41      135.81504  (10012218)
        578425.01   4141716.41      137.45399  (10012218)               578445.01
4141716.41      142.36108  (15102718)
        578465.01   4141716.41      159.55133  (15102718)               578485.01
4141716.41      178.27400  (15102718)
        578505.01   4141716.41      198.64502  (15102718)               578525.01
4141716.41      220.29705  (15102718)
        578605.01   4141716.41      327.15337  (16120718)               578625.01
4141716.41      375.71542  (16120718)
        578645.01   4141716.41      425.50104  (16120718)               578665.01
4141716.41      473.93723  (16120718)
        578685.01   4141716.41      518.25518  (16120718)               578905.01
4141716.41      937.74737  (14121218)
        578925.01   4141716.41      843.92008  (14121218)               578945.01
4141716.41      689.76559  (14121218)
        578965.01   4141716.41      615.31989  (13012318)               578985.01
4141716.41      562.33764  (13012318)
        579005.01   4141716.41      527.48062  (11121618)               579025.01
4141716.41      507.13764  (11121618)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579045.01	4141716.41	477.50388	(17112518)	579065.01	4141716.41	437.39050	(17112518)
579085.01	4141716.41	390.27091	(15110918)	579105.01	4141716.41	368.57949	(09012218)
579125.01	4141716.41	345.86975	(09012218)	579145.01	4141716.41	318.90672	(09012218)
579165.01	4141716.41	289.72028	(09012218)	579185.01	4141716.41	263.07755	(16112518)
579205.01	4141716.41	246.10664	(17010418)	579225.01	4141716.41	234.04798	(17010418)
579245.01	4141716.41	221.36031	(17010418)	579265.01	4141716.41	208.44021	(17010418)
579285.01	4141716.41	195.50553	(17010418)	579305.01	4141716.41	182.81088	(17010418)
579325.01	4141716.41	170.55796	(17010418)	579345.01	4141716.41	163.43303	(16011318)
578385.01	4141736.41	128.63219	(15102718)	578405.01	4141736.41	142.25565	(15102718)
578425.01	4141736.41	156.74656	(15102718)	578445.01	4141736.41	171.92824	(15102718)
578465.01	4141736.41	187.65770	(15102718)	578485.01	4141736.41	203.81523	(15102718)
578505.01	4141736.41	220.38561	(15102718)	578625.01	4141736.41	396.02022	(16120718)
578645.01	4141736.41	420.52822	(16120718)	578665.01	4141736.41	435.31094	(16120718)
578865.01	4141736.41	910.28068	(14103118)	578885.01	4141736.41	790.87538	(14103118)

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        578905.01   4141736.41      780.39287  (14121218)               578925.01
4141736.41      737.45933  (14121218)
        578945.01   4141736.41      634.00111  (14121218)               578965.01
4141736.41      539.09310  (14020618)
        578985.01   4141736.41      511.64036  (13012318)               579005.01
4141736.41      462.00042  (13012318)
        579025.01   4141736.41      437.89561  (11121618)               579045.01
4141736.41      430.04947  (11121618)
        579065.01   4141736.41      405.60716  (17112518)               579085.01
4141736.41      384.19550  (17112518)
        579105.01   4141736.41      349.94749  (17112518)               579125.01
4141736.41      318.39767  (15110918)
        579145.01   4141736.41      301.51343  (09012218)               579165.01
4141736.41      287.63719  (09012218)
        579185.01   4141736.41      270.03265  (09012218)               579205.01
4141736.41      250.16309  (09012218)
        579225.01   4141736.41      229.07627  (09012218)               579245.01
4141736.41      212.19739  (16112518)
        579265.01   4141736.41      199.95629  (16112518)               579285.01
4141736.41      190.46791  (17010418)
        579305.01   4141736.41      182.45391  (17010418)               579325.01
4141736.41      173.98390  (17010418)
        579345.01   4141736.41      165.25357  (17010418)               578385.01
4141756.41      150.51245  (15102718)
        578405.01   4141756.41      162.45101  (15102718)               578425.01
4141756.41      174.34000  (15102718)
        578445.01   4141756.41      185.91159  (15102718)               578465.01
4141756.41      196.84517  (15102718)
        578485.01   4141756.41      211.97106  (16120718)               578845.01
4141756.41      742.58654  (11112817)
        578865.01   4141756.41      742.36892  (14103118)               578885.01
4141756.41      665.14674  (14103118)
        578905.01   4141756.41      649.96822  (14121218)               578925.01
4141756.41      650.26951  (14121218)
        578945.01   4141756.41      584.83330  (14121218)               578965.01
4141756.41      496.98171  (14020618)
        578985.01   4141756.41      449.84165  (13012318)               579005.01
4141756.41      434.93539  (13012318)
        579025.01   4141756.41      388.44733  (13012318)               579045.01
4141756.41      368.69861  (11121618)
        579065.01   4141756.41      369.47970  (11121618)               579085.01
4141756.41      353.96652  (11121618)
        579105.01   4141756.41      336.99968  (17112518)               579125.01
4141756.41      316.87100  (17112518)
        579145.01   4141756.41      288.17899  (17112518)               579165.01
4141756.41      266.94575  (15110918)
        579185.01   4141756.41      251.87152  (09012218)               579205.01
4141756.41      243.54290  (09012218)
        579225.01   4141756.41      232.03056  (09012218)               579245.01
4141756.41      218.25159  (09012218)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141756.41	203.07941	(09012218)	579285.01	4141756.41	187.18114	(09012218)
579305.01	4141756.41	176.07977	(16112518)	579325.01	4141756.41	167.37678	(16112518)
579345.01	4141756.41	158.48711	(17010418)	578385.01	4141776.41	159.65665	(15102718)
578405.01	4141776.41	167.58618	(15102718)	578425.01	4141776.41	176.78997	(16120718)
578445.01	4141776.41	197.78072	(16120718)	578465.01	4141776.41	219.02780	(16120718)
578485.01	4141776.41	239.76611	(16120718)	578825.01	4141776.41	711.01708	(09112618)
578845.01	4141776.41	604.99831	(11112817)	578865.01	4141776.41	627.38925	(14103118)
578885.01	4141776.41	571.23186	(14103118)	578905.01	4141776.41	566.64276	(12121918)
578925.01	4141776.41	572.04315	(14121218)	578945.01	4141776.41	538.84463	(14121218)
578965.01	4141776.41	451.08410	(14121218)	578985.01	4141776.41	412.93718	(14020618)
579005.01	4141776.41	391.62909	(13012318)	579025.01	4141776.41	375.22623	(13012318)
579045.01	4141776.41	332.51690	(13012318)	579065.01	4141776.41	313.20285	(11121618)
579085.01	4141776.41	319.91598	(11121618)	579105.01	4141776.41	312.94803	(11121618)
579125.01	4141776.41	295.04177	(17112518)	579145.01	4141776.41	284.89014	(17112518)

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        579165.01   4141776.41      266.56059  (17112518)               579185.01
4141776.41      244.78752  (15110918)
        579205.01   4141776.41      228.41539  (15110918)               579225.01
4141776.41      213.99406  (09012218)
        579245.01   4141776.41      209.09500  (09012218)               579265.01
4141776.41      201.58128  (09012218)
        579285.01   4141776.41      192.02243  (09012218)               579305.01
4141776.41      181.01403  (09012218)
        579325.01   4141776.41      169.08093  (09012218)               579345.01
4141776.41      156.70640  (09012218)
        578405.01   4141796.41      184.13150  (16120718)               578425.01
4141796.41      200.78180  (16120718)
        578445.01   4141796.41      216.36932  (16120718)               578465.01
4141796.41      230.23919  (16120718)
        578805.01   4141796.41      665.79378  (09112618)               578825.01
4141796.41      563.96425  (14120418)
        578845.01   4141796.41      506.50588  (14010809)               578865.01
4141796.41      542.67704  (14103118)
        578885.01   4141796.41      497.99535  (14103118)               578905.01
4141796.41      494.28456  (12121918)
        578925.01   4141796.41      498.72416  (14121218)               578945.01
4141796.41      493.72104  (14121218)
        578965.01   4141796.41      434.13621  (14121218)               578985.01
4141796.41      388.23307  (14020618)
        579005.01   4141796.41      341.66793  (14020618)               579025.01
4141796.41      344.83640  (13012318)
        579045.01   4141796.41      327.46588  (13012318)               579065.01
4141796.41      288.75157  (13012318)
        579085.01   4141796.41      267.81862  (11121618)               579105.01
4141796.41      278.40952  (11121618)
        579125.01   4141796.41      277.68555  (11121618)               579145.01
4141796.41      266.09260  (11121618)
        579165.01   4141796.41      254.64094  (17112518)               579185.01
4141796.41      244.19644  (17112518)
        579205.01   4141796.41      227.95699  (17112518)               579225.01
4141796.41      211.83304  (15110918)
        579245.01   4141796.41      198.62362  (15110918)               579265.01
4141796.41      184.17207  (09012218)
        579285.01   4141796.41      181.63931  (09012218)               579305.01
4141796.41      176.79719  (09012218)
        579325.01   4141796.41      170.19660  (09012218)               579345.01
4141796.41      162.19072  (09012218)
        578445.01   4141816.41      212.75076  (16120718)               578585.01
4141816.41      321.45320  (12111618)
        578605.01   4141816.41      342.10002  (12111618)               578665.01
4141816.41      412.79655  (12010318)
        578685.01   4141816.41      446.42068  (11112818)               578785.01
4141816.41      589.14843  (09112618)
        578805.01   4141816.41      553.72496  (16120918)               578825.01
4141816.41      470.68471  (11112817)
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        578845.01   4141816.41      435.27881  (14010809)                578865.01
4141816.41      476.94236  (14103118)
        578885.01   4141816.41      439.22814  (14103118)                578905.01
4141816.41      431.27621  (12121918)
        578925.01   4141816.41      437.33804  (12121918)                578945.01
4141816.41      448.40061  (14121218)
        578965.01   4141816.41      413.32127  (14121218)                578985.01
4141816.41      356.39510  (14020618)
        579005.01   4141816.41      332.43521  (14020618)                579025.01
4141816.41      303.17500  (13012318)
        579045.01   4141816.41      306.28994  (13012318)                579065.01
4141816.41      288.57464  (13012318)
        579085.01   4141816.41      253.75955  (13012318)                579105.01
4141816.41      234.86888  (16112618)
        579125.01   4141816.41      243.39562  (11121618)                579145.01
4141816.41      246.90470  (11121618)
        579165.01   4141816.41      241.10148  (11121618)                579185.01
4141816.41      227.27348  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 882
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579205.01   4141816.41      222.08486  (17112518)                579225.01
4141816.41      211.99475  (17112518)
        579245.01   4141816.41      197.63602  (17112518)                579265.01
4141816.41      185.75396  (15110918)
        579285.01   4141816.41      174.91366  (15110918)                579305.01
4141816.41      162.09326  (15110918)
        579325.01   4141816.41      159.26695  (09012218)                579345.01
4141816.41      156.29739  (09012218)
        578565.01   4141836.41      298.13998  (12111618)                578585.01
4141836.41      310.11506  (09121117)
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578605.01 4141836.41 342.73096 (09121117) 578625.01 4141836.41 363.50832 (12010318)
578645.01 4141836.41 363.30309 (12010318) 578665.01 4141836.41 400.91609 (11112818)
578685.01 4141836.41 434.30132 (09010809) 578705.01 4141836.41 465.37784 (09010809)
578725.01 4141836.41 457.74620 (16121017) 578765.01 4141836.41 514.94326 (12112718)
578785.01 4141836.41 526.84234 (09112618) 578805.01 4141836.41 466.27070 (14120418)
578825.01 4141836.41 410.55281 (11112817) 578845.01 4141836.41 383.64441 (14103118)
578865.01 4141836.41 424.20071 (14103118) 578885.01 4141836.41 391.21415 (14103118)
578905.01 4141836.41 376.81288 (12121918) 578925.01 4141836.41 397.09371 (12121918)
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578985.01 4141836.41 334.95678 (14121218) 579005.01 4141836.41 314.71310 (14020618)
579025.01 4141836.41 283.03931 (14020618) 579045.01 4141836.41 273.91562 (13012318)
579065.01 4141836.41 274.03709 (13012318) 579085.01 4141836.41 256.51160 (13012318)
579105.01 4141836.41 225.36569 (13012318) 579125.01 4141836.41 209.03329 (16112618)
579145.01 4141836.41 213.47191 (11121618) 579165.01 4141836.41 219.92058 (11121618)
579185.01 4141836.41 218.43215 (11121618) 579205.01 4141836.41 209.78108 (11121618)
579225.01 4141836.41 200.72389 (17112518) 579245.01 4141836.41 195.52356 (17112518)
579265.01 4141836.41 186.02540 (17112518) 579285.01 4141836.41 173.31430 (17112518)
579305.01 4141836.41 164.72035 (15110918) 579325.01 4141836.41 155.69623 (15110918)
579345.01 4141836.41 145.01370 (15110918) 578565.01 4141856.41 291.68453 (09121117)
578585.01 4141856.41 313.84868 (09121117) 578605.01 4141856.41 328.10735 (12010318)
578625.01 4141856.41 323.37124 (11112818) 578645.01 4141856.41 362.64978 (11112818)
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578705.01 4141856.41 409.39171 (16121017) 578725.01 4141856.41 402.32222 (12112718)
578745.01 4141856.41 461.38160 (12112718) 578765.01 4141856.41 476.42568 (09112618)
578785.01 4141856.41 454.02904 (16120918) 578805.01 4141856.41 387.53801 (14120418)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP18 ***
INCLUDING SOURCE(S): DEMO3_1D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578825.01	4141856.41	357.06955	(11112817)	578845.01	4141856.41	349.98540	(14103118)
578865.01	4141856.41	380.98684	(14103118)	578885.01	4141856.41	351.31813	(14103118)
578905.01	4141856.41	330.00051	(12121918)	578925.01	4141856.41	359.95398	(12121918)
578945.01	4141856.41	359.16536	(14121218)	578965.01	4141856.41	362.18761	(14121218)
578985.01	4141856.41	326.43283	(14121218)	579005.01	4141856.41	290.63910	(14020618)
579025.01	4141856.41	275.68996	(14020618)	579045.01	4141856.41	240.09413	(14020618)
579065.01	4141856.41	248.83844	(13012318)	579085.01	4141856.41	246.65699	(13012318)
579105.01	4141856.41	229.76872	(13012318)	579125.01	4141856.41	201.86290	(13012318)
579145.01	4141856.41	187.10720	(16112618)	579165.01	4141856.41	187.84163	(11121618)
579185.01	4141856.41	196.27411	(11121618)	579205.01	4141856.41	197.93658	(11121618)
579225.01	4141856.41	193.21517	(11121618)	579245.01	4141856.41	183.17967	(11121618)
579265.01	4141856.41	179.09864	(17112518)	579285.01	4141856.41	173.52268	(17112518)
579305.01	4141856.41	164.71602	(17112518)	579325.01	4141856.41	153.49533	(17112518)
579345.01	4141856.41	147.42375	(15110918)	578545.01	4141876.41	273.02795	(09121117)

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4141876.41 380.10519 (09010809)
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4141876.41 371.10420 (16121017)
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4141876.41 418.38774 (12112718)
578765.01 4141876.41 432.67815 (09112618) 578785.01
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578805.01 4141876.41 337.04451 (11112817) 578825.01
4141876.41 319.31319 (14010809)
578845.01 4141876.41 321.19351 (14103118) 578865.01
4141876.41 344.82620 (14103118)
578885.01 4141876.41 317.70775 (14103118) 578905.01
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4141876.41 261.64795 (14020618)
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4141876.41 217.03345 (13012318)
579085.01 4141876.41 227.09391 (13012318) 579105.01
4141876.41 223.35617 (13012318)
579125.01 4141876.41 207.21071 (13012318) 579145.01
4141876.41 182.08302 (13012318)
579165.01 4141876.41 168.37651 (16112618) 579185.01
4141876.41 170.56382 (16112618)
579205.01 4141876.41 175.49660 (11121618) 579225.01
4141876.41 179.37173 (11121618)
579245.01 4141876.41 177.72954 (11121618) 579265.01
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579325.01 4141876.41 155.21797 (17112518) 579345.01
4141876.41 147.09704 (17112518)
578545.01 4141896.41 266.88021 (12010318) 578565.01
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4141896.41 302.26325 (11112818)
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4141896.41 385.43812 (12112718)

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        578785.01   4141896.41      338.77890  (14120418)                578805.01
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        578905.01   4141896.41      260.13933  (11110318)                578925.01
4141896.41      294.74382  (12121918)
        578945.01   4141896.41      297.31604  (12121918)                578965.01
4141896.41      304.69682  (14121218)
        578985.01   4141896.41      298.21455  (14121218)                579005.01
4141896.41      263.80651  (14121218)
        579025.01   4141896.41      242.63201  (14020618)                579045.01
4141896.41      233.49743  (14020618)
        579065.01   4141896.41      208.05403  (14020618)                579085.01
4141896.41      201.12346  (13012318)
        579105.01   4141896.41      208.21473  (13012318)                579125.01
4141896.41      203.26096  (13012318)
        579145.01   4141896.41      187.96887  (13012318)                579165.01
4141896.41      165.30736  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 884
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        579225.01   4141896.41      157.19427  (11121618)                579245.01
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        579265.01   4141896.41      163.29825  (11121618)                579285.01
4141896.41      159.45612  (11121618)
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4141125.26 134.82469 (14112017)
578566.27 4141125.26 150.13569 (14112017) 578586.27
4141125.26 158.07340 (14112017)
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578646.27 4141125.26 181.10972 (09012117) 578666.27
4141125.26 177.09222 (17122818)

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        578686.27   4141125.26      179.52659  (14121217)                578706.27
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4141125.26      179.81190  (11010818)
        578766.27   4141125.26      195.28507  (11010818)                578786.27
4141125.26      200.45564  (14010318)
        578806.27   4141125.26      195.25778  (14010318)                578826.27
4141125.26      197.87041  (16120717)
        578846.27   4141125.26      205.56792  (16120717)                578866.27
4141125.26      204.25162  (10010917)
        578886.27   4141125.26      208.46569  (14122017)                578906.27
4141125.26      208.28512  (10120918)
        578926.27   4141125.26      206.83758  (13121418)                578946.27
4141125.26      201.60913  (16112517)
        578966.27   4141125.26      205.34254  (16110418)                578986.27
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        579006.27   4141125.26      198.45197  (13121417)                579026.27
4141125.26      204.29070  (09012317)
        579046.27   4141125.26      197.72656  (16010818)                579066.27
4141125.26      196.69323  (10121417)
        579086.27   4141125.26      194.36087  (10121417)                579106.27
4141125.26      190.03978  (11112917)
        579126.27   4141125.26      183.40946  (10010418)                579146.27
4141125.26      180.74077  (13113018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 885
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141145.26      106.60107  (11122717)
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        578526.27   4141145.26      118.38500  (16020318)              578546.27
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        578566.27   4141145.26      148.14546  (14112017)              578586.27
4141145.26      161.96348  (14112017)
        578606.27   4141145.26      170.37312  (13111917)              578626.27
4141145.26      183.50524  (09012117)
        578646.27   4141145.26      191.64128  (09012117)              578666.27
4141145.26      186.98312  (17122818)
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        578926.27   4141145.26      216.78282  (13121418)              578946.27
4141145.26      213.16735  (16112517)
        578966.27   4141145.26      214.95673  (16110418)              578986.27
4141145.26      214.47771  (13122818)
        579006.27   4141145.26      208.39356  (09012317)              579026.27
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        579166.27   4141145.26      187.37819  (12111418)              579186.27
4141145.26      185.99792  (09011017)
        579206.27   4141145.26      182.29603  (09011017)              578723.62
4141929.59      342.15026  (09112618)
        578743.62   4141929.59      340.07711  (09112618)              578763.62
4141929.59      315.21173  (14120418)
        578783.62   4141929.59      264.32937  (11112817)              578803.62
4141929.59      254.91345  (11112817)
        578823.62   4141929.59      243.31463  (14010809)              578843.62
4141929.59      259.49001  (14103118)
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4141929.59      252.61076  (14103118)
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4141929.59      254.17716  (14121218)
        579023.62   4141929.59      220.20640  (14121218)                579043.62
4141929.59      212.09142  (14020618)
        579063.62   4141929.59      204.60222  (14020618)                579083.62
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4141929.59      172.46735  (13012318)
        579183.62   4141929.59      157.04659  (13012318)                578725.67
4141942.60      331.12256  (09112618)
        578745.67   4141942.60      317.17370  (16120918)                578765.67
4141942.60      284.18856  (14120418)
        578785.67   4141942.60      251.33333  (11112817)                578805.67
4141942.60      239.01487  (14010809)
        578825.67   4141942.60      224.72937  (14010809)                578845.67
4141942.60      250.40300  (14103118)
        578865.67   4141942.60      258.09581  (14103118)                578885.67
4141942.60      235.99972  (14103118)
        578905.67   4141942.60      217.62405  (11110318)                578925.67
4141942.60      235.02685  (12121918)
1 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                         ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP18  ***
                                  INCLUDING SOURCE(S):     DEMO3_1D    ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        578945.67   4141942.60      250.35171  (12121918)                578965.67
4141942.60      241.01387  (14121218)
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        578985.67   4141942.60      254.90613  (14121218)               579005.67
4141942.60      245.17698  (14121218)
        579025.67   4141942.60      215.75361  (14121218)               579045.67
4141942.60      201.28156  (14020618)
        579065.67   4141942.60      198.00366  (14020618)               579085.67
4141942.60      181.79334  (14020618)
        579105.67   4141942.60      156.42351  (14020618)               579125.67
4141942.60      168.20285  (13012318)
        579145.67   4141942.60      172.81959  (13012318)               579165.67
4141942.60      168.78062  (13012318)
        579185.67   4141942.60      157.39236  (13012318)               578745.52
4141955.60      295.77398  (16120918)
        578765.52   4141955.60      257.61568  (14120418)               578785.52
4141955.60      237.87440  (11112817)
        578805.52   4141955.60      227.02532  (14010809)               578825.52
4141955.60      210.13440  (14010809)
        578845.52   4141955.60      239.19637  (14103118)               578865.52
4141955.60      245.34864  (14103118)
        578885.52   4141955.60      224.41591  (14103118)               578905.52
4141955.60      207.80779  (11110318)
        578925.52   4141955.60      220.32375  (12121918)               578945.52
4141955.60      238.18219  (12121918)
        578965.52   4141955.60      231.09842  (12121918)               578985.52
4141955.60      242.02768  (14121218)
        579005.52   4141955.60      238.02625  (14121218)               579025.52
4141955.60      214.55984  (14121218)
        579045.52   4141955.60      189.62476  (14020618)               579065.52
4141955.60      191.49020  (14020618)
        579085.52   4141955.60      180.59505  (14020618)               579105.52
4141955.60      159.80225  (14020618)
        579125.52   4141955.60      154.47013  (13012318)               579145.52
4141955.60      163.26961  (13012318)
        579165.52   4141955.60      164.03063  (13012318)               579185.52
4141955.60      157.17230  (13012318)
        578785.22   4141971.34      221.97542  (11112817)               578805.22
4141971.34      213.14618  (14010809)
        578825.22   4141971.34      198.78747  (16010518)               578845.22
4141971.34      226.57247  (14103118)
        578865.22   4141971.34      231.27741  (14103118)               578885.22
4141971.34      211.80379  (14103118)
        578905.22   4141971.34      196.85221  (11110318)               578925.22
4141971.34      203.65305  (12121918)
        578945.22   4141971.34      223.97639  (12121918)               578965.22
4141971.34      221.77709  (12121918)
        578985.22   4141971.34      226.28770  (14121218)               579005.22
4141971.34      228.41063  (14121218)
        579025.22   4141971.34      211.73275  (14121218)               579045.22
4141971.34      181.05362  (14121218)
        579065.22   4141971.34      181.83753  (14020618)               579085.22
4141971.34      176.95772  (14020618)
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        579105.22   4141971.34      161.69414  (14020618)               579125.22
4141971.34      139.23811  (14020618)
        579145.22   4141971.34      149.65385  (13012318)               579165.22
4141971.34      155.37703  (13012318)
        579185.22   4141971.34      153.82534  (13012318)               578790.01
4141986.40      202.55842  (11112817)
        578810.01   4141986.40      197.22118  (14010809)               578830.01
4141986.40      198.58851  (14103118)
        578850.01   4141986.40      218.57638  (14103118)               578870.01
4141986.40      216.41256  (14103118)
        578890.01   4141986.40      198.04397  (14123117)               578910.01
4141986.40      185.38482  (11110318)
        578930.01   4141986.40      196.29871  (12121918)               578950.01
4141986.40      213.42338  (12121918)
        578970.01   4141986.40      209.91030  (12121918)               578990.01
4141986.40      214.87801  (14121218)
        579010.01   4141986.40      217.22094  (14121218)               579030.01
4141986.40      202.28852  (14121218)
        579050.01   4141986.40      174.30107  (14121218)               579070.01
4141986.40      172.33944  (14020618)
        579090.01   4141986.40      169.76891  (14020618)               579110.01
4141986.40      157.30920  (14020618)
        579130.01   4141986.40      137.57600  (14020618)               579150.01
4141986.40      138.31502  (13012318)
        579170.01   4141986.40      146.24061  (13012318)               579190.01
4141986.40      147.42462  (13012318)
        578810.54   4142001.46      184.06379  (14010809)               578830.54
4142001.46      191.46107  (14103118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP18  ***
                                    INCLUDING SOURCE(S):     DEMO3_1D    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        578850.54   4142001.46      208.21649  (14103118)                578870.54
4142001.46      204.78517  (14103118)
        578890.54   4142001.46      188.16627  (14123117)                578910.54
4142001.46      176.52567  (11110318)
        578930.54   4142001.46      183.94161  (12121918)                578950.54
4142001.46      202.08086  (12121918)
        578970.54   4142001.46      201.50750  (12121918)                578990.54
4142001.46      201.70784  (14121218)
        579010.54   4142001.46      207.78597  (14121218)                579030.54
4142001.46      197.59663  (14121218)
        579050.54   4142001.46      174.16255  (14121218)                579070.54
4142001.46      162.11210  (14020618)
        579090.54   4142001.46      163.70204  (14020618)                579110.54
4142001.46      155.59764  (14020618)
        579130.54   4142001.46      139.69170  (14020618)                579150.54
4142001.46      124.58105  (13012318)
        579170.54   4142001.46      135.38016  (13012318)                579190.54
4142001.46      140.27884  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 888
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578385.01   4141176.41       98.23862  (12010309)                578405.01
4141176.41       97.63836  (12010309)
        578425.01   4141176.41       96.45588  (11122717)                578445.01
4141176.41       94.62630  (11122717)
        578465.01   4141176.41       91.63510  (11122717)                578485.01
4141176.41       92.63163  (16020318)
        578505.01   4141176.41       96.21556  (16020318)                578525.01
4141176.41       98.13932  (16020318)
        578545.01   4141176.41       97.71445  (14112017)                578565.01
4141176.41      105.07858  (14112017)
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        578585.01   4141176.41      113.59795  (09012117)              578605.01
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        578625.01   4141176.41      128.14761  (09012117)              578645.01
4141176.41      145.01512  (09012117)
        578665.01   4141176.41      130.06813  (09012117)              578685.01
4141176.41      132.60495  (14121217)
        578705.01   4141176.41      133.57991  (14121217)              578725.01
4141176.41      134.73276  (11010818)
        578745.01   4141176.41      138.96655  (14010318)              578765.01
4141176.41      139.92543  (14010318)
        578785.01   4141176.41      140.84040  (16120717)              578805.01
4141176.41      141.12432  (16120717)
        578825.01   4141176.41      142.98268  (14122017)              578845.01
4141176.41      142.68512  (10120918)
        578865.01   4141176.41      140.55258  (13121418)              578885.01
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        578905.01   4141176.41      139.93604  (09011617)              578925.01
4141176.41      138.40456  (09012317)
        578945.01   4141176.41      137.15751  (09012317)              578965.01
4141176.41      136.44776  (10121417)
        578985.01   4141176.41      134.06584  (10121417)              579005.01
4141176.41      129.11869  (11112917)
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        579065.01   4141176.41      124.31422  (09011017)              579085.01
4141176.41      121.42954  (09011017)
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4141176.41      114.54603  (12111417)
        579145.01   4141176.41      109.29242  (12111417)              579165.01
4141176.41      105.47219  (17121318)
        579185.01   4141176.41      101.75342  (13110618)              579205.01
4141176.41       99.54156  (13110618)
        579225.01   4141176.41       96.00277  (13110618)              578385.01
4141196.41      103.20601  (12010309)
        578405.01   4141196.41      104.53534  (12010309)              578425.01
4141196.41      104.10712  (12010309)
        578445.01   4141196.41      102.68794  (11122717)              578465.01
4141196.41      101.13628  (11122717)
        578485.01   4141196.41       97.83747  (11122717)              578505.01
4141196.41       98.90134  (16020318)
        578525.01   4141196.41      102.65400  (16020318)              578545.01
4141196.41       98.05206  (14112017)
        578565.01   4141196.41      107.16859  (14112017)              578585.01
4141196.41      114.79857  (09012117)
        578605.01   4141196.41      125.48767  (09012117)              578625.01
4141196.41      148.28097  (09012117)
        578645.01   4141196.41      138.63531  (09012117)              578665.01
4141196.41      139.80297  (09012117)
        578685.01   4141196.41      139.83085  (14121217)              578705.01
4141196.41      142.49649  (14121217)
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        578725.01   4141196.41      142.21021  (11010818)                578745.01
4141196.41      147.29247  (14010318)
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4141196.41      149.75369  (16120717)
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4141196.41      152.25847  (14122017)
        578845.01   4141196.41      151.90507  (10120918)                578865.01
4141196.41      149.31577  (13121418)
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4141196.41      148.64925  (09011617)
        578925.01   4141196.41      147.48630  (09012317)                578945.01
4141196.41      144.87509  (10121417)
        578965.01   4141196.41      145.03815  (10121417)                578985.01
4141196.41      140.66939  (10121417)
        579005.01   4141196.41      135.35664  (11112917)                579025.01
4141196.41      134.20679  (12111418)
        579045.01   4141196.41      133.07896  (09011017)                579065.01
4141196.41      131.11914  (09011017)
        579085.01   4141196.41      126.21335  (12111417)                579105.01
4141196.41      123.41896  (12111417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 889
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141196.41      113.49582  (17121318)
        579165.01   4141196.41      109.13580  (13110618)                579185.01
4141196.41      106.72893  (13110618)
        579205.01   4141196.41      102.75806  (13110618)                579225.01
4141196.41       98.05003  (15011018)
        579245.01   4141196.41       92.85318  (15011018)                578385.01
4141216.41      106.06752  (12010309)
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        578405.01   4141216.41      109.53977  (12010309)              578425.01
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        578445.01   4141216.41      111.48597  (12010309)              578465.01
4141216.41      109.64139  (12010309)
        578485.01   4141216.41      108.18617  (11122717)              578505.01
4141216.41      104.85022  (11122717)
        578525.01   4141216.41       95.37816  (16020318)              578545.01
4141216.41       99.40213  (16020318)
        578565.01   4141216.41      108.26053  (14112017)              578585.01
4141216.41      117.84610  (14112017)
        578605.01   4141216.41      127.94756  (09012117)              578625.01
4141216.41      138.69648  (09012117)
        578645.01   4141216.41      146.25601  (09012117)              578665.01
4141216.41      149.60634  (09012117)
        578685.01   4141216.41      148.35428  (09012117)              578705.01
4141216.41      151.87258  (14121217)
        578725.01   4141216.41      151.17854  (14121217)              578745.01
4141216.41      156.34546  (14010318)
        578765.01   4141216.41      159.70906  (14010318)              578785.01
4141216.41      159.72645  (16120717)
        578805.01   4141216.41      160.87972  (16120717)              578825.01
4141216.41      162.66989  (14122017)
        578845.01   4141216.41      162.20988  (10120918)              578925.01
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        578945.01   4141216.41      155.55760  (10121417)              578965.01
4141216.41      153.85674  (10121417)
        578985.01   4141216.41      147.69071  (11112917)              579005.01
4141216.41      143.94933  (12111418)
        579025.01   4141216.41      142.44297  (12111418)              579045.01
4141216.41      141.54096  (09011017)
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4141216.41      133.38696  (12111417)
        579105.01   4141216.41      128.08110  (12111417)              579125.01
4141216.41      122.53751  (17121318)
        579145.01   4141216.41      117.54425  (17121318)              579165.01
4141216.41      114.78619  (13110618)
        579185.01   4141216.41      110.31297  (13110618)              579205.01
4141216.41      105.10565  (15011018)
        579225.01   4141216.41       99.20357  (15011018)              579245.01
4141216.41       92.54402  (15011018)
        578385.01   4141236.41      106.97130  (12010309)              578405.01
4141236.41      112.16784  (12010309)
        578425.01   4141236.41      116.51447  (12010309)              578445.01
4141236.41      119.06820  (12010309)
        578465.01   4141236.41      119.65554  (12010309)              578485.01
4141236.41      118.11449  (12010309)
        578505.01   4141236.41      115.94386  (11122717)              578525.01
4141236.41      105.38543  (11122717)
        578545.01   4141236.41      103.39667  (16020318)              578565.01
4141236.41      108.20315  (14112017)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578585.01	4141236.41	119.95742	(14112017)	578605.01	4141236.41	129.88909	(14112017)
578625.01	4141236.41	142.82319	(09012117)	578645.01	4141236.41	153.26659	(09012117)
578665.01	4141236.41	159.44597	(09012117)	578685.01	4141236.41	160.55683	(09012117)
578705.01	4141236.41	161.71228	(14121217)	578725.01	4141236.41	163.02474	(14121217)
578745.01	4141236.41	166.34399	(11010818)	578765.01	4141236.41	171.14141	(14010318)
578785.01	4141236.41	170.84596	(16120717)	578805.01	4141236.41	172.61249	(16120717)
578825.01	4141236.41	174.41727	(14122017)	578945.01	4141236.41	166.85621	(10121417)
578965.01	4141236.41	162.65005	(10121417)	578985.01	4141236.41	155.84162	(11112917)
579005.01	4141236.41	154.37873	(12111418)	579025.01	4141236.41	152.96513	(09011017)
579045.01	4141236.41	149.20568	(09011017)	579065.01	4141236.41	144.43726	(12111417)
579085.01	4141236.41	139.38447	(12111417)	579105.01	4141236.41	132.84805	(17121318)
579125.01	4141236.41	127.44685	(17121318)	579145.01	4141236.41	123.94238	(13110618)
579165.01	4141236.41	118.96451	(13110618)	579185.01	4141236.41	113.07547	(15011018)
579205.01	4141236.41	106.31699	(15011018)	579225.01	4141236.41	98.78201	(15011018)

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        579245.01   4141236.41       90.72270  (15011018)                578385.01
4141256.41      105.02177  (12010309)
        578405.01   4141256.41      112.49595  (12010309)                578425.01
4141256.41      118.85784  (12010309)
        578445.01   4141256.41      124.16451  (12010309)                578465.01
4141256.41      127.64468  (12010309)
        578485.01   4141256.41      128.79197  (12010309)                578505.01
4141256.41      117.77567  (12010309)
        578525.01   4141256.41      116.49324  (12010309)                578545.01
4141256.41      114.25079  (11122717)
        578565.01   4141256.41      112.53505  (16020318)                578585.01
4141256.41      120.78576  (14112017)
        578605.01   4141256.41      133.40683  (14112017)                578625.01
4141256.41      145.88041  (09012117)
        578645.01   4141256.41      159.51802  (09012117)                578665.01
4141256.41      169.06291  (09012117)
        578685.01   4141256.41      173.16864  (09012117)                578705.01
4141256.41      171.90056  (14121217)
        578725.01   4141256.41      175.76614  (14121217)                578745.01
4141256.41      177.88621  (11010818)
        578765.01   4141256.41      183.93976  (14010318)                578785.01
4141256.41      183.25892  (16120717)
        578805.01   4141256.41      185.95928  (16120717)                578965.01
4141256.41      171.48723  (10121417)
        578985.01   4141256.41      166.97412  (12111418)                579005.01
4141256.41      165.47125  (09011017)
        579025.01   4141256.41      162.85083  (09011017)                579045.01
4141256.41      156.88349  (12111417)
        579065.01   4141256.41      152.08952  (12111417)                579085.01
4141256.41      144.63840  (17121318)
        579105.01   4141256.41      138.81250  (17121318)                579125.01
4141256.41      134.44519  (13110618)
        579145.01   4141256.41      128.76386  (13110618)                579165.01
4141256.41      122.17601  (15011018)
        579185.01   4141256.41      114.43209  (15011018)                579205.01
4141256.41      105.76587  (15011018)
        579225.01   4141256.41       96.59341  (15011018)                579245.01
4141256.41       87.29866  (15011018)
        579265.01   4141256.41       79.49736  (17122918)                578385.01
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        578405.01   4141276.41      109.83951  (12010309)                578425.01
4141276.41      118.66752  (12010309)
        578445.01   4141276.41      126.18754  (12010309)                578465.01
4141276.41      132.67730  (12010309)
        578485.01   4141276.41      136.99420  (12010309)                578505.01
4141276.41      138.96647  (12010309)
        578525.01   4141276.41      128.37138  (12010309)                578545.01
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        578565.01   4141276.41      124.49952  (11122717)                578585.01
4141276.41      123.11143  (16020318)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578605.01	4141276.41	135.38882	(14112017)	578625.01	4141276.41	148.86748	(14112017)
578645.01	4141276.41	164.84284	(09012117)	578665.01	4141276.41	178.18586	(09012117)
578685.01	4141276.41	185.99526	(09012117)	578705.01	4141276.41	187.08860	(09012117)
578725.01	4141276.41	189.48096	(14121217)	578745.01	4141276.41	190.56398	(11010818)
578765.01	4141276.41	198.39985	(14010318)	578785.01	4141276.41	198.77216	(14010318)
578985.01	4141276.41	179.86871	(12111418)	579005.01	4141276.41	177.97112	(09011017)
579025.01	4141276.41	171.74745	(09011017)	579045.01	4141276.41	166.67421	(12111417)
579065.01	4141276.41	158.17568	(12111417)	579085.01	4141276.41	152.00532	(17121318)
579105.01	4141276.41	146.52831	(13110618)	579125.01	4141276.41	140.07282	(13110618)
579145.01	4141276.41	132.60929	(15011018)	579165.01	4141276.41	123.61940	(15011018)
579185.01	4141276.41	113.63257	(15011018)	579205.01	4141276.41	103.13916	(15011018)
579225.01	4141276.41	92.57967	(15011018)	579245.01	4141276.41	86.08793	(14011818)
579265.01	4141276.41	83.61158	(14011818)	578385.01	4141296.41	93.02332	(12010309)
578405.01	4141296.41	96.12170	(12010309)	578425.01	4141296.41	114.96586	(12010309)

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        578445.01   4141296.41      125.31547  (12010309)              578465.01
4141296.41      134.32925  (12010309)
        578485.01   4141296.41      129.09920  (12010309)              578505.01
4141296.41      134.85848  (12010309)
        578525.01   4141296.41      138.84823  (12010309)              578545.01
4141296.41      140.52897  (12010309)
        578565.01   4141296.41      139.69282  (12010309)              578585.01
4141296.41      136.41226  (11122717)
        578605.01   4141296.41      135.66195  (14112017)              578625.01
4141296.41      152.58574  (14112017)
        578645.01   4141296.41      168.81446  (09012117)              578665.01
4141296.41      186.51550  (09012117)
        578685.01   4141296.41      198.80694  (09012117)              578705.01
4141296.41      203.91859  (09012117)
        578725.01   4141296.41      203.93666  (14121217)              578745.01
4141296.41      206.02623  (14121217)
        579005.01   4141296.41      189.58326  (09011017)              579025.01
4141296.41      183.32157  (12111417)
        579045.01   4141296.41      174.70984  (12111417)              579065.01
4141296.41      167.36773  (17121318)
        579085.01   4141296.41      160.57406  (13110618)              579105.01
4141296.41      153.33587  (15011018)
        579125.01   4141296.41      144.70145  (15011018)              579145.01
4141296.41      134.19657  (15011018)
        579165.01   4141296.41      122.61353  (15011018)              579185.01
4141296.41      110.49308  (15011018)
        579205.01   4141296.41       98.42344  (15011018)              579225.01
4141296.41       93.92282  (14011818)
        579245.01   4141296.41       90.65494  (14011818)              579265.01
4141296.41       87.04270  (14011818)
        579285.01   4141296.41       83.18954  (14011818)              578385.01
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        578405.01   4141316.41      101.62532  (09110418)              578425.01
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        578485.01   4141316.41      143.46990  (12010309)              578505.01
4141316.41      139.79048  (12010309)
        578525.01   4141316.41      147.00599  (12010309)              578545.01
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        578565.01   4141316.41      154.76021  (12010309)              578585.01
4141316.41      154.35040  (12010309)
        578605.01   4141316.41      150.78069  (12010309)              578625.01
4141316.41      154.41311  (14112017)
        578645.01   4141316.41      172.94483  (14112017)              578665.01
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4141316.41      193.82236  (12111417)
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4141316.41      158.87350  (15011018)
        579125.01   4141316.41      146.51393  (15011018)                579145.01
4141316.41      132.90495  (15011018)
        579165.01   4141316.41      118.84198  (15011018)                579185.01
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        579205.01   4141316.41      102.82602  (14011818)                579225.01
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        578405.01   4141336.41      109.51042  (09110418)                578425.01
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        578485.01   4141336.41      129.57494  (12010309)                578505.01
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4141336.41      161.02652  (12010309)
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4141336.41      168.19184  (12010309)
♠ *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 892
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4141336.41      198.96304  (09012117)
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4141336.41      175.59562  (15011018)
        579105.01   4141336.41      160.99247  (15011018)               579125.01
4141336.41      144.92269  (15011018)
        579145.01   4141336.41      128.41067  (15011018)               579165.01
4141336.41      118.00186  (14011818)
        579185.01   4141336.41      112.93857  (14011818)               579205.01
4141336.41      107.36628  (14011818)
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        578585.01   4141356.41      185.98844  (12010309)               578605.01
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        579105.01   4141356.41      159.02418  (15011018)               579125.01
4141356.41      139.44851  (15011018)
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4141356.41      124.50484  (14011818)
        579185.01   4141356.41      117.30275  (14011818)               579205.01
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        579225.01   4141356.41      105.57046  (17120218)               579245.01
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        579265.01   4141356.41       94.31476  (17120218)               579285.01
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4141376.41      109.92172  (09110418)
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        578565.01   4141376.41      182.19461  (12010309)               578585.01
4141376.41      196.57191  (12010309)
        578605.01   4141376.41      207.91155  (12010309)               578625.01
4141376.41      215.18231  (12010309)
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4141376.41       92.59266  (17112018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                      INCLUDING SOURCE(S):     GRADING     ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141396.41      125.66023  (17112018)
        579205.01   4141396.41      118.76076  (17112018)                579225.01
4141396.41      112.03047  (17112018)
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4141416.41      149.71037  (17112018)
        579165.01   4141416.41      139.99093  (17112018)               579185.01
4141416.41      130.69537  (17112018)
        579205.01   4141416.41      121.89042  (17112018)               579225.01
4141416.41      113.65677  (17112018)
        579245.01   4141416.41      105.96828  (17112018)               579265.01
4141416.41       98.84184  (17112018)
        579285.01   4141416.41       92.49716  (11121418)               579305.01
4141416.41       88.18161  (11121418)
        578385.01   4141436.41      116.81652  (14120118)               578405.01
4141436.41      122.22961  (14120118)
        578425.01   4141436.41      127.82371  (14120118)               578445.01
4141436.41      133.61362  (14120118)
        578465.01   4141436.41      139.44810  (14120118)               578485.01
4141436.41      145.27234  (14120118)
        578505.01   4141436.41      150.76555  (14120118)               578525.01
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        578545.01   4141436.41      169.88067  (09110418)               578565.01
4141436.41      183.35865  (09110418)
        578585.01   4141436.41      196.48490  (09110418)               578605.01
4141436.41      219.24482  (12010309)
        578625.01   4141436.41      251.29841  (12010309)               578645.01
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        579025.01   4141436.41      261.13058  (14011818)               579045.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
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        579185.01   4141436.41      131.84631  (17112018)                579205.01
4141436.41      121.52430  (17112018)
        579225.01   4141436.41      113.37612  (11121418)                579245.01
4141436.41      107.01528  (11121418)
        579265.01   4141436.41      101.09347  (11121418)                579285.01
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        579305.01   4141436.41       90.52648  (11121418)                579325.01
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        578385.01   4141456.41      120.58989  (14120118)                578405.01
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        578425.01   4141456.41      134.57819  (14120118)                578445.01
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        579045.01   4141456.41      259.45288  (17120218)                579065.01
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        579085.01   4141456.41      211.16979  (17112018)                579105.01
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        579165.01   4141456.41      144.16965  (11121418)                579185.01
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        579205.01   4141456.41      125.04502  (11121418)                579225.01
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        579245.01   4141456.41      109.38763  (11121418)                579265.01
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        578385.01   4141476.41      120.22185  (14120118)                578405.01
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4141496.41      213.41175  (14120118)
        578565.01   4141496.41      232.97703  (14120118)                578585.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578425.01	4141516.41	142.65515	(13012417)	578445.01	4141516.41	151.59550	(13012417)
578465.01	4141516.41	161.59947	(13012417)	578485.01	4141516.41	172.88982	(13012417)
578505.01	4141516.41	185.47586	(13012417)	578525.01	4141516.41	200.28486	(13012417)
578545.01	4141516.41	216.15931	(13012417)	578565.01	4141516.41	235.00515	(13012417)
578585.01	4141516.41	257.35931	(14120118)	578605.01	4141516.41	288.37035	(14120118)
578625.01	4141516.41	325.34531	(14120118)	578645.01	4141516.41	369.60919	(14120118)
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579125.01	4141516.41	181.77038	(11112918)	579145.01	4141516.41	165.16456	(11112918)
579165.01	4141516.41	151.20007	(11112918)	578385.01	4141536.41	131.32747	(13012417)
578405.01	4141536.41	139.26093	(13012417)	578425.01	4141536.41	148.12148	(13012417)
578445.01	4141536.41	158.01685	(13012417)	578465.01	4141536.41	169.06783	(13012417)
578485.01	4141536.41	181.59440	(13012417)	578505.01	4141536.41	195.74315	(13012417)
578525.01	4141536.41	212.69239	(13012417)	578545.01	4141536.41	231.00222	(13012417)
578565.01	4141536.41	253.36372	(13012417)	578585.01	4141536.41	279.77863	(13012417)
578605.01	4141536.41	311.53321	(13012417)	578625.01	4141536.41	350.94679	(13012417)
578645.01	4141536.41	400.53278	(13012417)	578665.01	4141536.41	464.34028	(13012417)
579105.01	4141536.41	194.97600	(11112918)	579125.01	4141536.41	175.85816	(11112918)
579185.01	4141536.41	134.97238	(11112918)	578385.01	4141556.41	130.22791	(13012417)
578405.01	4141556.41	138.09314	(13012417)	578425.01	4141556.41	146.83428	(13012417)
578445.01	4141556.41	156.63660	(13012417)	578465.01	4141556.41	167.66992	(13012417)
578485.01	4141556.41	180.09075	(13012417)	578505.01	4141556.41	194.20272	(13012417)

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        578665.01   4141576.41      406.72811  (16120718)                578685.01
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4141576.41      150.07536  (16011318)
        579165.01   4141576.41      137.83148  (16011318)                579185.01
4141576.41      127.10814  (16011318)
        579205.01   4141576.41      117.64459  (16011318)                579225.01
4141576.41      109.27264  (16011318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 896
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                   INCLUDING SOURCE(S):     GRADING     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578705.01	4141596.41	519.43284	(12010318)	578725.01	4141596.41	593.19514	(12010318)
578745.01	4141596.41	643.63692	(12010318)	579105.01	4141596.41	171.68938	(16011318)
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579185.01	4141596.41	126.89310	(16011318)	579205.01	4141596.41	118.26737	(16011318)
579225.01	4141596.41	110.49388	(16011318)	579245.01	4141596.41	103.42862	(16011318)
579265.01	4141596.41	97.05370	(16011318)	579285.01	4141596.41	91.22811	(16011318)
579305.01	4141596.41	85.97853	(16011318)	579325.01	4141596.41	81.15574	(16011318)
579345.01	4141596.41	76.77353	(16011318)	578385.01	4141616.41	105.92029	(10012218)
578405.01	4141616.41	111.31339	(10012218)	578425.01	4141616.41	117.09502	(10012218)
578445.01	4141616.41	123.25701	(10012218)	578465.01	4141616.41	129.84948	(10012218)
578485.01	4141616.41	136.93275	(10012218)	578505.01	4141616.41	148.50247	(16120718)
578525.01	4141616.41	167.66336	(16120718)	578545.01	4141616.41	188.99086	(16120718)
578565.01	4141616.41	213.68396	(16120718)	578585.01	4141616.41	241.33952	(16120718)

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4141616.41      152.03346  (17010418)
        579165.01   4141616.41      131.48033  (17010418)               579185.01
4141616.41      122.84394  (16011318)
        579205.01   4141616.41      115.43861  (16011318)               579225.01
4141616.41      108.59964  (16011318)
        579245.01   4141616.41      102.28985  (16011318)               579265.01
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4141636.41      180.13199  (16120718)
        578545.01   4141636.41      199.14333  (16120718)               578565.01
4141636.41      219.72082  (16120718)
        578585.01   4141636.41      241.43394  (16120718)               578605.01
4141636.41      263.23319  (16120718)
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4141636.41      310.02413  (12111618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 897
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141636.41	354.24322	(12010318)	578685.01	4141636.41	400.01842	(12010318)
578705.01	4141636.41	435.97081	(12010318)	578725.01	4141636.41	461.76411	(12010318)
579045.01	4141636.41	195.12477	(09012218)	579065.01	4141636.41	184.69692	(09012218)
579085.01	4141636.41	173.36721	(09012218)	579105.01	4141636.41	161.54501	(09012218)
579125.01	4141636.41	149.75384	(09012218)	579165.01	4141636.41	127.58785	(09012218)
579185.01	4141636.41	119.83344	(17010418)	579205.01	4141636.41	112.66112	(17010418)
579225.01	4141636.41	105.92166	(17010418)	579245.01	4141636.41	99.62265	(17010418)
579265.01	4141636.41	93.75303	(17010418)	579285.01	4141636.41	89.03430	(16011318)
579305.01	4141636.41	84.66299	(16011318)	579325.01	4141636.41	80.60828	(16011318)
579345.01	4141636.41	76.81023	(16011318)	578385.01	4141656.41	99.20088	(16120718)
578405.01	4141656.41	108.49632	(16120718)	578425.01	4141656.41	118.63348	(16120718)
578445.01	4141656.41	129.73108	(16120718)	578465.01	4141656.41	141.85832	(16120718)
578485.01	4141656.41	154.81354	(16120718)	578505.01	4141656.41	168.78275	(16120718)
578525.01	4141656.41	183.20441	(16120718)	578545.01	4141656.41	198.07863	(16120718)
578565.01	4141656.41	212.96478	(16120718)	578585.01	4141656.41	227.14771	(16120718)
578605.01	4141656.41	243.15875	(12111618)	578625.01	4141656.41	272.03276	(12111618)
578645.01	4141656.41	305.00469	(09121117)	578665.01	4141656.41	338.41951	(12010318)
578685.01	4141656.41	365.19614	(12010318)	578705.01	4141656.41	385.19719	(09010809)
578725.01	4141656.41	415.80335	(09010809)	579005.01	4141656.41	208.86154	(17112518)
579025.01	4141656.41	196.77137	(17112518)	579045.01	4141656.41	184.90156	(17112518)
579065.01	4141656.41	172.45078	(17112518)	579085.01	4141656.41	163.14045	(09012218)

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        579205.01   4141656.41      110.56802  (09012218)                579225.01
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        579285.01   4141656.41       87.89148  (17010418)                579305.01
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        578385.01   4141676.41      107.06081  (16120718)                578405.01
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        578425.01   4141676.41      125.11744  (16120718)                578445.01
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        578505.01   4141676.41      167.05570  (16120718)                578525.01
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        578545.01   4141676.41      187.59253  (16120718)                578565.01
4141676.41      196.48323  (16120718)
        578585.01   4141676.41      219.31891  (12111618)                578605.01
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4141676.41      131.04688  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                    INCLUDING SOURCE(S):     GRADING     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579245.01	4141676.41	97.18648	(09012218)	579265.01	4141676.41	91.13832	(09012218)
579285.01	4141676.41	85.63716	(17010418)	579305.01	4141676.41	81.76435	(17010418)
579325.01	4141676.41	78.07433	(17010418)	579345.01	4141676.41	74.55692	(17010418)
578385.01	4141696.41	111.54186	(16120718)	578405.01	4141696.41	119.21262	(16120718)
578425.01	4141696.41	127.16681	(16120718)	578445.01	4141696.41	135.30806	(16120718)
578465.01	4141696.41	143.35078	(16120718)	578485.01	4141696.41	151.12076	(16120718)
578505.01	4141696.41	158.55443	(16120718)	578525.01	4141696.41	165.08757	(16120718)
578565.01	4141696.41	198.77104	(12111618)	578585.01	4141696.41	214.88504	(09121117)
578605.01	4141696.41	235.96841	(09121117)	578625.01	4141696.41	255.17718	(12010318)
578645.01	4141696.41	270.07122	(12010318)	578665.01	4141696.41	285.76421	(09010809)
578685.01	4141696.41	308.24551	(09010809)	578945.01	4141696.41	226.43513	(11121618)
578965.01	4141696.41	209.68274	(11121618)	578985.01	4141696.41	196.13175	(11121618)
579005.01	4141696.41	184.49974	(11121618)	579025.01	4141696.41	174.31204	(17112518)
579045.01	4141696.41	166.38233	(17112518)	579065.01	4141696.41	158.49001	(17112518)
579085.01	4141696.41	150.32084	(17112518)	579105.01	4141696.41	141.76811	(17112518)
579125.01	4141696.41	132.85409	(17112518)	579145.01	4141696.41	123.79365	(17112518)
579165.01	4141696.41	118.18855	(09012218)	579185.01	4141696.41	112.81825	(09012218)
579205.01	4141696.41	107.37844	(09012218)	579225.01	4141696.41	101.93646	(09012218)

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        579165.01   4141716.41      114.47152  (17112518)                579185.01
4141716.41      106.96470  (17112518)
        579205.01   4141716.41      102.53751  (09012218)                579225.01
4141716.41       98.34085  (09012218)
        579245.01   4141716.41       94.05405  (09012218)                579265.01
4141716.41       89.79410  (09012218)
        579285.01   4141716.41       85.55532  (09012218)                579305.01
4141716.41       81.38531  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
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INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578465.01	4141736.41	130.46349	(12111618)	578485.01	4141736.41	142.63877	(12111618)
578505.01	4141736.41	154.61890	(12111618)	578625.01	4141736.41	222.15361	(09010809)
578645.01	4141736.41	240.03701	(09010809)	578665.01	4141736.41	250.84103	(09010809)
578865.01	4141736.41	300.01216	(14121218)	578885.01	4141736.41	296.46426	(14121218)
578905.01	4141736.41	264.81023	(14121218)	578925.01	4141736.41	223.28905	(14121218)
578945.01	4141736.41	197.03877	(13012318)	578965.01	4141736.41	183.07080	(13012318)
578985.01	4141736.41	168.72905	(13012318)	579005.01	4141736.41	154.86252	(13012318)
579025.01	4141736.41	149.85645	(11121618)	579045.01	4141736.41	145.03906	(11121618)
579065.01	4141736.41	139.67691	(11121618)	579085.01	4141736.41	133.79067	(11121618)
579105.01	4141736.41	128.14945	(17112518)	579125.01	4141736.41	123.21071	(17112518)
579145.01	4141736.41	117.79981	(17112518)	579165.01	4141736.41	112.01392	(17112518)
579185.01	4141736.41	105.91576	(17112518)	579205.01	4141736.41	99.78090	(17112518)
579225.01	4141736.41	93.59718	(17112518)	579245.01	4141736.41	89.93357	(09012218)
579265.01	4141736.41	86.63278	(09012218)	579285.01	4141736.41	83.25883	(09012218)
579305.01	4141736.41	79.86874	(09012218)	579325.01	4141736.41	76.47129	(09012218)
579345.01	4141736.41	73.09561	(09012218)	578385.01	4141756.41	104.97672	(16120718)

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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	195.88611	(14121218)	578945.01	4141776.41	173.67183	(14121218)
578965.01	4141776.41	154.35601	(14020618)	578985.01	4141776.41	146.76429	(13012318)
579005.01	4141776.41	140.36334	(13012318)	579025.01	4141776.41	132.52476	(13012318)
579045.01	4141776.41	123.88713	(13012318)	579065.01	4141776.41	117.40044	(11121618)
579085.01	4141776.41	115.85428	(11121618)	579105.01	4141776.41	113.32229	(11121618)
579125.01	4141776.41	110.09525	(11121618)	579145.01	4141776.41	106.15785	(11121618)
579165.01	4141776.41	101.83223	(17112518)	579185.01	4141776.41	98.56198	(17112518)
579205.01	4141776.41	95.00656	(17112518)	579225.01	4141776.41	91.05653	(17112518)
579245.01	4141776.41	86.85922	(17112518)	579265.01	4141776.41	82.57781	(17112518)
579285.01	4141776.41	78.20992	(17112518)	579305.01	4141776.41	73.83592	(17112518)
579325.01	4141776.41	71.20711	(09012218)	579345.01	4141776.41	69.06827	(09012218)
578405.01	4141796.41	110.12853	(12111618)	578425.01	4141796.41	116.62740	(12111618)
578445.01	4141796.41	122.36393	(12111618)	578465.01	4141796.41	129.64161	(09121117)
578805.01	4141796.41	182.87203	(14103118)	578825.01	4141796.41	184.57793	(14103118)
578845.01	4141796.41	180.06179	(12121918)	578865.01	4141796.41	187.63477	(12121918)
578885.01	4141796.41	194.14409	(14121218)	578905.01	4141796.41	191.77853	(14121218)
578925.01	4141796.41	181.09168	(14121218)	578945.01	4141796.41	164.94848	(14121218)
578965.01	4141796.41	146.23170	(14121218)	578985.01	4141796.41	134.45308	(14020618)

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        579045.01   4141816.41      113.00490  (13012318)                579065.01
4141816.41      107.76445  (13012318)
        579085.01   4141816.41      101.59491  (13012318)                579105.01
4141816.41       94.85464  (13012318)
        579125.01   4141816.41       94.39944  (11121618)                579145.01
4141816.41       93.46528  (11121618)
        579165.01   4141816.41       91.77442  (11121618)                579185.01
4141816.41       89.42899  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                        ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                       ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579205.01	4141816.41	86.63491	(11121618)	579225.01	4141816.41	83.37524	(11121618)
579245.01	4141816.41	81.06695	(17112518)	579265.01	4141816.41	78.55797	(17112518)
579285.01	4141816.41	75.79642	(17112518)	579305.01	4141816.41	72.85194	(17112518)
579325.01	4141816.41	69.76060	(17112518)	579345.01	4141816.41	66.59734	(17112518)
578565.01	4141836.41	154.45064	(09010809)	578585.01	4141836.41	158.69016	(09010809)
578605.01	4141836.41	159.01686	(09010809)	578625.01	4141836.41	156.79089	(12112718)
578645.01	4141836.41	167.10820	(12112718)	578665.01	4141836.41	172.65972	(12112718)
578685.01	4141836.41	177.09294	(09112618)	578705.01	4141836.41	178.07867	(09112618)
578725.01	4141836.41	172.41968	(09112618)	578765.01	4141836.41	142.25194	(09112618)
578785.01	4141836.41	145.45536	(14103118)	578805.01	4141836.41	150.72186	(14103118)
578825.01	4141836.41	150.46596	(14103118)	578845.01	4141836.41	144.41109	(14103118)
578865.01	4141836.41	151.30530	(12121918)	578885.01	4141836.41	154.36342	(14121218)
578905.01	4141836.41	157.07955	(14121218)	578925.01	4141836.41	153.96646	(14121218)
578945.01	4141836.41	146.06813	(14121218)	578965.01	4141836.41	134.77293	(14121218)
578985.01	4141836.41	121.52078	(14121218)	579005.01	4141836.41	113.42532	(14020618)
579025.01	4141836.41	107.95395	(13012318)	579045.01	4141836.41	106.06106	(13012318)
579065.01	4141836.41	102.65254	(13012318)	579085.01	4141836.41	98.11727	(13012318)

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        579105.01   4141836.41       92.84807  (13012318)                579125.01
4141836.41       87.01246  (13012318)
        579145.01   4141836.41       85.81315  (11121618)                579165.01
4141836.41       85.35193  (11121618)
        579185.01   4141836.41       84.20911  (11121618)                579205.01
4141836.41       82.49459  (11121618)
        579225.01   4141836.41       80.26271  (11121618)                579245.01
4141836.41       77.63971  (11121618)
        579265.01   4141836.41       75.05165  (17112518)                579285.01
4141836.41       73.11090  (17112518)
        579305.01   4141836.41       70.88840  (17112518)                579325.01
4141836.41       68.45214  (17112518)
        579345.01   4141836.41       65.84107  (17112518)                578565.01
4141856.41      146.55764  (09010809)
        578585.01   4141856.41      147.32003  (09010809)                578605.01
4141856.41      144.37970  (09010809)
        578625.01   4141856.41      151.71506  (12112718)                578645.01
4141856.41      158.46928  (12112718)
        578665.01   4141856.41      161.69538  (09112618)                578685.01
4141856.41      165.41178  (09112618)
        578705.01   4141856.41      163.33015  (09112618)                578725.01
4141856.41      155.32260  (09112618)
        578745.01   4141856.41      141.77821  (09112618)                578765.01
4141856.41      129.02188  (11112817)
        578785.01   4141856.41      134.08324  (14103118)                578805.01
4141856.41      138.08471  (14103118)
        578825.01   4141856.41      137.39458  (14103118)                578845.01
4141856.41      131.92526  (14103118)
        578865.01   4141856.41      137.42474  (12121918)                578885.01
4141856.41      138.96464  (14121218)
        578905.01   4141856.41      142.93934  (14121218)                578925.01
4141856.41      142.01310  (14121218)
        578945.01   4141856.41      136.79770  (14121218)                578965.01
4141856.41      128.24527  (14121218)
        578985.01   4141856.41      117.51679  (14121218)                579005.01
4141856.41      107.73913  (14020618)
        579025.01   4141856.41      101.62292  (14020618)                579045.01
4141856.41       98.45729  (13012318)
        579065.01   4141856.41       96.74482  (13012318)                579085.01
4141856.41       93.76598  (13012318)
        579105.01   4141856.41       89.85181  (13012318)                579125.01
4141856.41       85.23200  (13012318)
        579145.01   4141856.41       80.04169  (13012318)                579165.01
4141856.41       78.31942  (11121618)
        579185.01   4141856.41       78.26861  (11121618)                579205.01
4141856.41       77.57797  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	76.26880	(11121618)	579245.01	4141856.41	74.58012	(11121618)
579265.01	4141856.41	72.42009	(11121618)	579285.01	4141856.41	69.92201	(11121618)
579305.01	4141856.41	68.07117	(17112518)	579325.01	4141856.41	66.33243	(17112518)
579345.01	4141856.41	64.35091	(17112518)	578545.01	4141876.41	135.77756	(09010809)
578565.01	4141876.41	136.92884	(09010809)	578585.01	4141876.41	134.79402	(09010809)
578605.01	4141876.41	137.85564	(12112718)	578625.01	4141876.41	145.36435	(12112718)
578645.01	4141876.41	148.99261	(12112718)	578665.01	4141876.41	152.88830	(09112618)
578685.01	4141876.41	153.66516	(09112618)	578705.01	4141876.41	149.16468	(09112618)
578725.01	4141876.41	139.49005	(09112618)	578745.01	4141876.41	126.35329	(14120418)
578765.01	4141876.41	117.81674	(11112817)	578785.01	4141876.41	124.09232	(14103118)
578805.01	4141876.41	127.16513	(14103118)	578825.01	4141876.41	126.23336	(14103118)
578845.01	4141876.41	121.24607	(14103118)	578865.01	4141876.41	125.52977	(12121918)
578885.01	4141876.41	127.70708	(12121918)	578905.01	4141876.41	130.50325	(14121218)
578925.01	4141876.41	131.13011	(14121218)	578945.01	4141876.41	127.99744	(14121218)
578965.01	4141876.41	121.72646	(14121218)	578985.01	4141876.41	113.07280	(14121218)
579005.01	4141876.41	103.01464	(14121218)	579025.01	4141876.41	97.27676	(14020618)

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        579045.01   4141876.41       91.59732  (14020618)                579065.01
4141876.41       90.33364  (13012318)
        579085.01   4141876.41       88.75914  (13012318)                579105.01
4141876.41       86.20147  (13012318)
        579125.01   4141876.41       82.71398  (13012318)                579145.01
4141876.41       78.57531  (13012318)
        579165.01   4141876.41       73.96325  (13012318)                579185.01
4141876.41       71.86074  (11121618)
        579205.01   4141876.41       72.03583  (11121618)                579225.01
4141876.41       71.63072  (11121618)
        579245.01   4141876.41       70.75382  (11121618)                579265.01
4141876.41       69.41474  (11121618)
        579285.01   4141876.41       67.65582  (11121618)                579305.01
4141876.41       65.62887  (11121618)
        579325.01   4141876.41       63.52025  (17112518)                579345.01
4141876.41       62.14699  (17112518)
        578545.01   4141896.41      127.60469  (09010809)                578565.01
4141896.41      126.16104  (09010809)
        578585.01   4141896.41      125.44456  (12112718)                578605.01
4141896.41      133.36805  (12112718)
        578625.01   4141896.41      138.09442  (12112718)                578645.01
4141896.41      140.75061  (09112618)
        578665.01   4141896.41      143.72453  (09112618)                578685.01
4141896.41      142.07782  (09112618)
        578705.01   4141896.41      135.70560  (09112618)                578725.01
4141896.41      125.43815  (16120918)
        578745.01   4141896.41      113.40885  (14120418)                578765.01
4141896.41      109.80325  (14103118)
        578785.01   4141896.41      115.30411  (14103118)                578805.01
4141896.41      117.66287  (14103118)
        578825.01   4141896.41      116.57601  (14103118)                578845.01
4141896.41      112.04200  (14103118)
        578865.01   4141896.41      115.25194  (12121918)                578885.01
4141896.41      117.88581  (12121918)
        578905.01   4141896.41      119.51971  (14121218)                578925.01
4141896.41      121.24910  (14121218)
        578945.01   4141896.41      119.68212  (14121218)                578965.01
4141896.41      115.24103  (14121218)
        578985.01   4141896.41      108.48069  (14121218)                579005.01
4141896.41      100.09862  (14121218)
        579025.01   4141896.41       92.59907  (14020618)                579045.01
4141896.41       88.26883  (14020618)
        579065.01   4141896.41       83.69743  (13012318)                579085.01
4141896.41       83.33163  (13012318)
        579105.01   4141896.41       81.93880  (13012318)                579125.01
4141896.41       79.57445  (13012318)
        579145.01   4141896.41       76.43440  (13012318)                579165.01
4141896.41       72.72770  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP19 ***
                                 INCLUDING SOURCE(S):   GRADING   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579185.01   4141896.41   68.69334 (13012318)   579205.01
4141896.41   66.16762 (11121618)
        579225.01   4141896.41   66.52446 (11121618)   579245.01
4141896.41   66.34528 (11121618)
        579265.01   4141896.41   65.77218 (11121618)   579285.01
4141896.41   64.71132 (11121618)
        579305.01   4141896.41   63.37286 (11121618)   579325.01
4141896.41   61.70879 (11121618)
        579345.01   4141896.41   59.78942 (11121618)   578565.01
4141916.41   116.48211 (16121017)
        578585.01   4141916.41   122.38608 (12112718)   578605.01
4141916.41   127.87628 (12112718)
        578625.01   4141916.41   130.18377 (12112718)   578645.01
4141916.41   133.74595 (09112618)
        578665.01   4141916.41   134.38165 (09112618)   578685.01
4141916.41   130.81077 (09112618)
        578705.01   4141916.41   123.10713 (09112618)   578725.01
4141916.41   113.52853 (14120418)
        578745.01   4141916.41   102.88520 (11112817)   578765.01
4141916.41   102.92411 (14103118)
        578785.01   4141916.41   107.48869 (14103118)   578805.01
4141916.41   109.31212 (14103118)
        578825.01   4141916.41   108.15546 (14103118)   578845.01
4141916.41   104.02175 (14103118)
        578865.01   4141916.41   106.28128 (12121918)   578885.01
4141916.41   109.21015 (12121918)
        578905.01   4141916.41   109.77803 (14121218)   578925.01
4141916.41   112.28646 (14121218)
        578945.01   4141916.41   111.90686 (14121218)   578965.01
4141916.41   108.92353 (14121218)

578985.01 4141916.41 103.73245 (14121218) 579005.01
4141916.41 96.84808 (14121218)
579025.01 4141916.41 88.86419 (14121218) 579045.01
4141916.41 84.67782 (14020618)
579065.01 4141916.41 80.45532 (14020618) 579085.01
4141916.41 77.66286 (13012318)
579105.01 4141916.41 77.28102 (13012318) 579125.01
4141916.41 75.90075 (13012318)
579145.01 4141916.41 73.74143 (13012318) 579165.01
4141916.41 70.90630 (13012318)
579185.01 4141916.41 67.64208 (13012318) 578386.27
4141125.26 82.20543 (11122717)
578406.27 4141125.26 79.61937 (11122717) 578426.27
4141125.26 77.36183 (16020318)
578446.27 4141125.26 81.58948 (16020318) 578466.27
4141125.26 84.02503 (16020318)
578486.27 4141125.26 85.09331 (16020318) 578506.27
4141125.26 91.36824 (14112017)
578526.27 4141125.26 99.55958 (14112017) 578546.27
4141125.26 105.94426 (14112017)
578566.27 4141125.26 113.59949 (09012117) 578586.27
4141125.26 120.98237 (09012117)
578606.27 4141125.26 111.28048 (09012117) 578626.27
4141125.26 125.48488 (09012117)
578646.27 4141125.26 122.85695 (14121217) 578666.27
4141125.26 114.06343 (14121217)
578686.27 4141125.26 114.95166 (14121217) 578706.27
4141125.26 128.38813 (11010818)
578726.27 4141125.26 132.43324 (14010318) 578746.27
4141125.26 120.34985 (14010318)
578766.27 4141125.26 119.33999 (14010318) 578786.27
4141125.26 121.79110 (16120717)
578806.27 4141125.26 121.18152 (16120717) 578826.27
4141125.26 123.31409 (14122017)
578846.27 4141125.26 123.00035 (14122017) 578866.27
4141125.26 121.50619 (13121418)
578886.27 4141125.26 119.84599 (16110418) 578906.27
4141125.26 120.61841 (09011617)
578926.27 4141125.26 118.99199 (09011617) 578946.27
4141125.26 119.35725 (09012317)
578966.27 4141125.26 117.22025 (09012317) 578986.27
4141125.26 117.07337 (10121417)
579006.27 4141125.26 115.03198 (10121417) 579026.27
4141125.26 111.36818 (11112917)
579046.27 4141125.26 107.94383 (13113018) 579066.27
4141125.26 107.58097 (12111418)
579086.27 4141125.26 106.66283 (09011017) 579106.27
4141125.26 105.71994 (09011017)
579126.27 4141125.26 102.61793 (09011017) 579146.27
4141125.26 100.18903 (12111417)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579166.27	4141125.26	97.44913	(12111417)	579186.27	4141125.26	93.19838	(12111417)
579206.27	4141125.26	90.17120	(17121318)	578386.27	4141145.26	88.35160	(11122717)
578406.27	4141145.26	87.03742	(11122717)	578426.27	4141145.26	84.38856	(11122717)
578446.27	4141145.26	82.19099	(16020318)	578466.27	4141145.26	86.52029	(16020318)
578486.27	4141145.26	88.87741	(16020318)	578506.27	4141145.26	90.09444	(14112017)
578526.27	4141145.26	89.53166	(14112017)	578546.27	4141145.26	107.71884	(14112017)
578566.27	4141145.26	113.81401	(09012117)	578586.27	4141145.26	123.80299	(09012117)
578606.27	4141145.26	130.01043	(09012117)	578626.27	4141145.26	118.94687	(09012117)
578646.27	4141145.26	118.82944	(09012117)	578666.27	4141145.26	133.12234	(14121217)
578686.27	4141145.26	134.93681	(14121217)	578706.27	4141145.26	133.51663	(11010818)
578726.27	4141145.26	124.08014	(11010818)	578746.27	4141145.26	127.25576	(14010318)
578766.27	4141145.26	126.77986	(14010318)	578786.27	4141145.26	128.75763	(16120717)
578806.27	4141145.26	128.34460	(16120717)	578826.27	4141145.26	130.50991	(14122017)
578846.27	4141145.26	129.97164	(14122017)	578866.27	4141145.26	128.35375	(13121418)

578886.27 4141145.26 126.88517 (16110418) 578906.27 4141145.26 127.65742 (09011617)
578926.27 4141145.26 125.58471 (09012317) 578946.27 4141145.26 126.02103 (09012317)
578966.27 4141145.26 123.73283 (10121417) 578986.27 4141145.26 123.56838 (10121417)
579006.27 4141145.26 120.08578 (10121417) 579026.27 4141145.26 116.27979 (11112917)
579046.27 4141145.26 114.21893 (12111418) 579066.27 4141145.26 113.08733 (12111418)
579086.27 4141145.26 112.80386 (09011017) 579106.27 4141145.26 110.15303 (09011017)
579126.27 4141145.26 106.80567 (12111417) 579146.27 4141145.26 104.31221 (12111417)
579166.27 4141145.26 99.99770 (12111417) 579186.27 4141145.26 96.20382 (17121318)
579206.27 4141145.26 92.84767 (17121318) 578723.62 4141929.59 107.23595 (14120418)
578743.62 4141929.59 98.00246 (11112817) 578763.62 4141929.59 98.39792 (14103118)
578783.62 4141929.59 102.62169 (14103118) 578803.62 4141929.59 104.32980 (14103118)
578823.62 4141929.59 103.33652 (14103118) 578843.62 4141929.59 99.62913 (14103118)
578863.62 4141929.59 100.65183 (12121918) 578883.62 4141929.59 103.91546 (12121918)
578903.62 4141929.59 104.28408 (12121918) 578923.62 4141929.59 106.72264 (14121218)
578943.62 4141929.59 107.15161 (14121218) 578963.62 4141929.59 105.12088 (14121218)
578983.62 4141929.59 100.95434 (14121218) 579003.62 4141929.59 95.07188 (14121218)
579023.62 4141929.59 87.95459 (14121218) 579043.62 4141929.59 82.39562 (14020618)
579063.62 4141929.59 78.92233 (14020618) 579083.62 4141929.59 74.59475 (14020618)
579103.62 4141929.59 74.04842 (13012318) 579123.62 4141929.59 73.36211 (13012318)
579143.62 4141929.59 71.84321 (13012318) 579163.62 4141929.59 69.61384 (13012318)
579183.62 4141929.59 66.85644 (13012318) 578725.67 4141942.60 99.60278 (14120418)
578745.67 4141942.60 93.03377 (11112817) 578765.67 4141942.60 95.07724 (14103118)
578785.67 4141942.60 98.63178 (14103118) 578805.67 4141942.60 99.82765 (14103118)
578825.67 4141942.60 98.52760 (14103118) 578845.67 4141942.60 94.80157 (14103118)
578865.67 4141942.60 96.27974 (12121918) 578885.67 4141942.60 99.32457 (12121918)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP19 ***
INCLUDING SOURCE(S): GRADING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578945.67	4141942.60	102.53825	(14121218)	578965.67	4141942.60	100.95850	(14121218)
578985.67	4141942.60	97.36522	(14121218)	579005.67	4141942.60	92.13528	(14121218)
579025.67	4141942.60	85.69037	(14121218)	579045.67	4141942.60	79.56336	(14020618)
579065.67	4141942.60	76.62859	(14020618)	579085.67	4141942.60	72.83039	(14020618)
579105.67	4141942.60	70.83372	(13012318)	579125.67	4141942.60	70.55021	(13012318)
579145.67	4141942.60	69.48960	(13012318)	579165.67	4141942.60	67.71675	(13012318)
579185.67	4141942.60	65.39777	(13012318)	578745.52	4141955.60	88.64919	(11112817)
578765.52	4141955.60	91.43741	(14103118)	578785.52	4141955.60	94.61655	(14103118)
578805.52	4141955.60	95.63523	(14103118)	578825.52	4141955.60	94.35028	(14103118)
578845.52	4141955.60	90.84620	(14103118)	578865.52	4141955.60	91.73650	(12121918)
578885.52	4141955.60	94.89238	(12121918)	578905.52	4141955.60	95.67861	(12121918)
578925.52	4141955.60	97.10754	(14121218)	578945.52	4141955.60	98.24469	(14121218)
578965.52	4141955.60	97.25762	(14121218)	578985.52	4141955.60	94.36385	(14121218)

579005.52 4141955.60 89.87148 (14121218) 579025.52
4141955.60 84.13795 (14121218)
579045.52 4141955.60 77.55538 (14121218) 579065.52
4141955.60 74.68415 (14020618)
579085.52 4141955.60 71.42755 (14020618) 579105.52
4141955.60 67.62668 (13012318)
579125.52 4141955.60 67.81280 (13012318) 579145.52
4141955.60 67.22437 (13012318)
579165.52 4141955.60 65.95248 (13012318) 579185.52
4141955.60 64.11279 (13012318)
578785.22 4141971.34 90.11701 (14103118) 578805.22
4141971.34 90.95081 (14103118)
578825.22 4141971.34 89.70760 (14103118) 578845.22
4141971.34 86.45715 (14103118)
578865.22 4141971.34 86.63026 (12121918) 578885.22
4141971.34 89.93899 (12121918)
578905.22 4141971.34 91.03019 (12121918) 578925.22
4141971.34 91.70118 (14121218)
578945.22 4141971.34 93.31317 (14121218) 578965.22
4141971.34 92.96976 (14121218)
578985.22 4141971.34 90.81592 (14121218) 579005.22
4141971.34 87.11515 (14121218)
579025.22 4141971.34 82.17999 (14121218) 579045.22
4141971.34 76.35107 (14121218)
579065.22 4141971.34 72.23206 (14020618) 579085.22
4141971.34 69.62066 (14020618)
579105.22 4141971.34 66.28962 (14020618) 579125.22
4141971.34 64.43393 (13012318)
579145.22 4141971.34 64.36352 (13012318) 579165.22
4141971.34 63.66384 (13012318)
579185.22 4141971.34 62.33235 (13012318) 578790.01
4141986.40 86.48872 (14103118)
578810.01 4141986.40 86.70123 (14103118) 578830.01
4141986.40 85.02050 (14103118)
578850.01 4141986.40 81.50125 (14103118) 578870.01
4141986.40 83.22977 (12121918)
578890.01 4141986.40 86.07015 (12121918) 578910.01
4141986.40 86.89893 (12121918)
578930.01 4141986.40 87.55529 (14121218) 578950.01
4141986.40 89.06449 (14121218)
578970.01 4141986.40 88.78582 (14121218) 578990.01
4141986.40 86.87137 (14121218)
579010.01 4141986.40 83.50749 (14121218) 579030.01
4141986.40 78.98735 (14121218)
579050.01 4141986.40 73.61681 (14121218) 579070.01
4141986.40 69.35851 (14020618)
579090.01 4141986.40 67.11945 (14020618) 579110.01
4141986.40 64.15164 (14020618)
579130.01 4141986.40 61.31849 (13012318) 579150.01
4141986.40 61.54712 (13012318)

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        579170.01   4141986.40       61.15846  (13012318)                579190.01
4141986.40       60.12895  (13012318)
        578810.54   4142001.46       82.86354  (14103118)                578830.54
4142001.46       81.16844  (14103118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP19  ***
                                     INCLUDING SOURCE(S):     GRADING     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578850.54   4142001.46       77.81180  (14103118)                578870.54
4142001.46       79.25786  (12121918)
        578890.54   4142001.46       82.07602  (12121918)                578910.54
4142001.46       83.09372  (12121918)
        578930.54   4142001.46       83.22807  (14121218)                578950.54
4142001.46       84.98561  (14121218)
        578970.54   4142001.46       85.10231  (14121218)                578990.54
4142001.46       83.68798  (14121218)
        579010.54   4142001.46       80.91495  (14121218)                579030.54
4142001.46       76.96891  (14121218)
        579050.54   4142001.46       72.16018  (14121218)                579070.54
4142001.46       66.93560  (14020618)
        579090.54   4142001.46       65.17969  (14020618)                579110.54
4142001.46       62.69931  (14020618)
        579130.54   4142001.46       59.63973  (14020618)                579150.54
4142001.46       58.78520  (13012318)
        579170.54   4142001.46       58.77280  (13012318)                579190.54
4142001.46       58.15778  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	129.85138	(11122717)	578405.01	4141176.41	128.36890	(11122717)
578425.01	4141176.41	124.07184	(11122717)	578445.01	4141176.41	117.28198	(11122717)
578465.01	4141176.41	120.42830	(16020318)	578485.01	4141176.41	128.58410	(16020318)
578505.01	4141176.41	131.48214	(16020318)	578525.01	4141176.41	130.25482	(16020318)
578545.01	4141176.41	143.18794	(14112017)	578565.01	4141176.41	159.62791	(14112017)
578585.01	4141176.41	168.66150	(14112017)	578605.01	4141176.41	182.41105	(09012117)
578625.01	4141176.41	189.91610	(09012117)	578645.01	4141176.41	186.57885	(09012117)
578665.01	4141176.41	188.40610	(14121217)	578685.01	4141176.41	194.13627	(14121217)
578705.01	4141176.41	186.06361	(11010818)	578725.01	4141176.41	200.38414	(11010818)
578745.01	4141176.41	205.88706	(14010318)	578765.01	4141176.41	199.18695	(14010318)
578785.01	4141176.41	206.72324	(16120717)	578805.01	4141176.41	201.71866	(15010818)
578825.01	4141176.41	208.39438	(09013118)	578845.01	4141176.41	206.36230	(10120918)
578865.01	4141176.41	197.83621	(13121418)	578885.01	4141176.41	204.85490	(09011617)
578905.01	4141176.41	203.28043	(09011617)	578925.01	4141176.41	197.64686	(09012317)
578945.01	4141176.41	198.56195	(16010818)	578965.01	4141176.41	197.86854	(10121417)
578985.01	4141176.41	191.65551	(10121417)	579005.01	4141176.41	185.46268	(11010718)
579025.01	4141176.41	184.32680	(13113018)	579045.01	4141176.41	184.24971	(12111418)

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        579065.01   4141176.41      183.22308  (09011017)                579085.01
4141176.41      179.94577  (10120217)
        579105.01   4141176.41      177.00727  (12111417)                579125.01
4141176.41      171.82258  (12111417)
        579145.01   4141176.41      169.43537  (17121318)                579165.01
4141176.41      165.58818  (17121318)
        579185.01   4141176.41      159.78178  (13110618)                579205.01
4141176.41      158.38832  (13110618)
        579225.01   4141176.41      154.63431  (15011018)                578385.01
4141196.41      138.26470  (12010309)
        578405.01   4141196.41      136.35853  (11122717)                578425.01
4141196.41      135.19195  (11122717)
        578445.01   4141196.41      131.26649  (11122717)                578465.01
4141196.41      124.69282  (11122717)
        578485.01   4141196.41      128.12105  (16020318)                578505.01
4141196.41      135.80931  (16020318)
        578525.01   4141196.41      138.24583  (16020318)                578545.01
4141196.41      136.86170  (14112017)
        578565.01   4141196.41      158.54933  (14112017)                578585.01
4141196.41      173.21161  (14112017)
        578605.01   4141196.41      183.49290  (09012117)                578625.01
4141196.41      197.42992  (09012117)
        578645.01   4141196.41      199.58912  (09012117)                578665.01
4141196.41      194.53851  (14112818)
        578685.01   4141196.41      204.27409  (14121217)                578705.01
4141196.41      200.33718  (14121217)
        578725.01   4141196.41      209.21965  (11010818)                578745.01
4141196.41      216.46945  (14010318)
        578765.01   4141196.41      212.56009  (14010318)                578785.01
4141196.41      217.74691  (16120717)
        578805.01   4141196.41      213.22774  (15010818)                578825.01
4141196.41      219.66802  (09013118)
        578845.01   4141196.41      216.83385  (10120918)                578865.01
4141196.41      207.95404  (16110418)
        578885.01   4141196.41      216.65324  (09011617)                578905.01
4141196.41      211.87002  (09011617)
        578925.01   4141196.41      207.61063  (09012317)                578945.01
4141196.41      207.58504  (16010818)
        578965.01   4141196.41      207.00589  (10121417)                578985.01
4141196.41      198.62742  (11112917)
        579005.01   4141196.41      195.58634  (11010718)                579025.01
4141196.41      195.01667  (12111418)
        579045.01   4141196.41      192.69970  (09011017)                579065.01
4141196.41      190.43191  (09011017)
        579085.01   4141196.41      186.78965  (12111417)                579105.01
4141196.41      183.03730  (12111417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	179.14861	(17121318)	579145.01	4141196.41	175.86767	(17121318)
579165.01	4141196.41	169.05580	(13110618)	579185.01	4141196.41	167.54157	(13110618)
579205.01	4141196.41	163.45527	(15011018)	579225.01	4141196.41	154.73183	(15011018)
579245.01	4141196.41	142.00533	(15011018)	578385.01	4141216.41	144.04532	(12010309)
578405.01	4141216.41	145.68421	(12010309)	578425.01	4141216.41	144.18854	(12010309)
578445.01	4141216.41	142.82304	(11122717)	578465.01	4141216.41	139.13955	(11122717)
578485.01	4141216.41	132.70531	(11122717)	578505.01	4141216.41	136.86973	(16020318)
578525.01	4141216.41	143.67141	(16020318)	578545.01	4141216.41	145.97187	(16020318)
578565.01	4141216.41	154.03612	(14112017)	578585.01	4141216.41	174.71527	(14112017)
578605.01	4141216.41	186.71177	(14112017)	578625.01	4141216.41	202.50051	(09012117)
578645.01	4141216.41	211.49162	(09012117)	578665.01	4141216.41	207.17643	(09012117)
578685.01	4141216.41	213.25654	(14121217)	578705.01	4141216.41	214.99730	(14121217)
578725.01	4141216.41	217.82266	(11010818)	578745.01	4141216.41	227.41059	(14010318)
578765.01	4141216.41	226.95439	(14010318)	578785.01	4141216.41	229.87882	(16120717)
578805.01	4141216.41	225.92300	(15010818)	578825.01	4141216.41	232.16662	(09013118)
578845.01	4141216.41	228.33262	(10120918)	578925.01	4141216.41	220.40341	(16010818)

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        578945.01   4141216.41      219.26124  (10121417)                578965.01
4141216.41      215.06347  (10121417)
        578985.01   4141216.41      206.66664  (11010718)                579005.01
4141216.41      205.11087  (12111418)
        579025.01   4141216.41      203.91006  (12111418)                579045.01
4141216.41      202.84263  (09011017)
        579065.01   4141216.41      199.22942  (10120217)                579085.01
4141216.41      195.16307  (12111417)
        579105.01   4141216.41      189.81507  (17121318)                579125.01
4141216.41      187.12258  (17121318)
        579145.01   4141216.41      179.36439  (13110618)                579165.01
4141216.41      177.62006  (13110618)
        579185.01   4141216.41      173.18046  (15011018)                579205.01
4141216.41      163.44212  (15011018)
        579225.01   4141216.41      149.37305  (15011018)                579245.01
4141216.41      136.11269  (09011517)
        578385.01   4141236.41      145.39481  (12010309)                578405.01
4141236.41      151.02885  (12010309)
        578425.01   4141236.41      153.69722  (12010309)                578445.01
4141236.41      152.95964  (12010309)
        578465.01   4141236.41      151.08025  (11122717)                578485.01
4141236.41      147.82546  (11122717)
        578505.01   4141236.41      141.45878  (11122717)                578525.01
4141236.41      145.91223  (16020318)
        578545.01   4141236.41      153.03124  (16020318)                578565.01
4141236.41      154.33081  (16020318)
        578585.01   4141236.41      172.63142  (14112017)                578605.01
4141236.41      191.38688  (14112017)
        578625.01   4141236.41      204.30854  (09012117)                578645.01
4141236.41      220.83568  (09012117)
        578665.01   4141236.41      223.37321  (09012117)                578685.01
4141236.41      220.60184  (14121217)
        578705.01   4141236.41      229.24759  (14121217)                578725.01
4141236.41      226.15694  (11010818)
        578745.01   4141236.41      238.67751  (14010318)                578765.01
4141236.41      242.39875  (14010318)
        578785.01   4141236.41      243.18514  (16120717)                578805.01
4141236.41      240.08104  (15010818)
        578825.01   4141236.41      246.11433  (09013118)                578945.01
4141236.41      231.52123  (10121417)
        578965.01   4141236.41      221.78743  (10121417)                578985.01
4141236.41      218.82177  (11010718)
        579005.01   4141236.41      217.69588  (12111418)                579025.01
4141236.41      215.48766  (09011017)
        579045.01   4141236.41      212.36557  (10120217)                579065.01
4141236.41      208.05296  (12111417)
        579085.01   4141236.41      201.71947  (11111218)                579105.01
4141236.41      199.61902  (17121318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	190.77752	(13110618)	579145.01	4141236.41	189.02260	(15011018)
579165.01	4141236.41	184.00273	(15011018)	579185.01	4141236.41	173.04632	(15011018)
579205.01	4141236.41	157.42723	(15011018)	579225.01	4141236.41	144.68062	(09011517)
579245.01	4141236.41	137.47085	(09011517)	578385.01	4141256.41	140.67472	(12010309)
578405.01	4141256.41	151.39523	(12010309)	578425.01	4141256.41	158.50881	(12010309)
578445.01	4141256.41	162.31228	(12010309)	578465.01	4141256.41	162.47914	(12010309)
578485.01	4141256.41	160.17119	(11122717)	578505.01	4141256.41	157.22922	(11122717)
578525.01	4141256.41	151.52259	(11122717)	578545.01	4141256.41	156.59094	(16020318)
578565.01	4141256.41	163.15369	(16020318)	578585.01	4141256.41	166.50867	(14112017)
578605.01	4141256.41	192.48236	(14112017)	578625.01	4141256.41	208.46707	(14112017)
578645.01	4141256.41	227.10390	(09012117)	578665.01	4141256.41	237.70922	(09012117)
578685.01	4141256.41	232.83293	(09012117)	578705.01	4141256.41	242.51249	(14121217)
578725.01	4141256.41	239.15542	(14121217)	578745.01	4141256.41	252.89457	(11010818)
578765.01	4141256.41	259.14683	(14010318)	578785.01	4141256.41	257.73295	(16120717)
578805.01	4141256.41	256.03590	(15010818)	578965.01	4141256.41	232.20832	(11010718)

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        578985.01   4141256.41      230.76478  (12111418)              579005.01
4141256.41      228.28563  (09011017)
        579025.01   4141256.41      226.24553  (10120217)              579045.01
4141256.41      221.95879  (12111417)
        579065.01   4141256.41      215.08322  (11111218)              579085.01
4141256.41      213.54477  (17121318)
        579105.01   4141256.41      203.74937  (17121318)              579125.01
4141256.41      201.87896  (15011018)
        579145.01   4141256.41      196.03768  (15011018)              579165.01
4141256.41      183.73615  (15011018)
        579185.01   4141256.41      166.40348  (15011018)              579205.01
4141256.41      153.98518  (09011517)
        579225.01   4141256.41      145.12616  (09011517)              579245.01
4141256.41      138.23993  (17122918)
        579265.01   4141256.41      137.24194  (17122918)              578385.01
4141276.41      128.00877  (12010309)
        578405.01   4141276.41      145.31106  (12010309)              578425.01
4141276.41      158.06472  (12010309)
        578445.01   4141276.41      166.61089  (12010309)              578465.01
4141276.41      171.71201  (12010309)
        578485.01   4141276.41      172.75580  (12010309)              578505.01
4141276.41      170.47977  (12010309)
        578525.01   4141276.41      168.02593  (11122717)              578545.01
4141276.41      162.60946  (11122717)
        578565.01   4141276.41      168.42715  (16020318)              578585.01
4141276.41      174.28992  (16020318)
        578605.01   4141276.41      189.12639  (14112017)              578625.01
4141276.41      213.35319  (14112017)
        578645.01   4141276.41      229.97471  (09012117)              578665.01
4141276.41      249.41803  (09012117)
        578685.01   4141276.41      252.73530  (09012117)              578705.01
4141276.41      254.11506  (14121217)
        578725.01   4141276.41      259.10136  (14121217)              578745.01
4141276.41      267.44531  (11010818)
        578765.01   4141276.41      277.36318  (14010318)              578785.01
4141276.41      274.17186  (16120717)
        578985.01   4141276.41      245.13645  (12111418)              579005.01
4141276.41      242.63371  (09011017)
        579025.01   4141276.41      238.55607  (10120217)              579045.01
4141276.41      231.72003  (12111417)
        579065.01   4141276.41      229.15840  (17121318)              579085.01
4141276.41      219.47574  (17121318)
        579105.01   4141276.41      216.42073  (15011018)              579125.01
4141276.41      209.61819  (15011018)
        579145.01   4141276.41      195.72908  (15011018)              579165.01
4141276.41      176.36188  (15011018)
        579185.01   4141276.41      164.16233  (09011517)              579205.01
4141276.41      153.33232  (09011517)
        579225.01   4141276.41      150.07842  (17122918)              579245.01
4141276.41      147.30138  (17122918)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141276.41	143.13471	(14011818)	578385.01	4141296.41	118.49725	(09110418)
578405.01	4141296.41	131.06978	(12010309)	578425.01	4141296.41	150.16054	(12010309)
578445.01	4141296.41	165.19509	(12010309)	578465.01	4141296.41	175.58704	(12010309)
578485.01	4141296.41	181.96730	(12010309)	578505.01	4141296.41	184.19162	(12010309)
578525.01	4141296.41	182.93364	(12010309)	578545.01	4141296.41	180.00808	(11122717)
578565.01	4141296.41	175.12861	(11122717)	578585.01	4141296.41	181.60045	(16020318)
578605.01	4141296.41	186.34807	(16020318)	578625.01	4141296.41	213.78901	(14112017)
578645.01	4141296.41	235.15073	(14112017)	578665.01	4141296.41	257.89186	(09012117)
578685.01	4141296.41	270.67394	(09012117)	578705.01	4141296.41	265.66314	(09012117)
578725.01	4141296.41	278.32083	(14121217)	578745.01	4141296.41	282.19363	(11010818)
579005.01	4141296.41	257.29212	(10120217)	579025.01	4141296.41	250.63398	(12111417)
579045.01	4141296.41	246.74271	(17121318)	579065.01	4141296.41	237.37842	(17121318)
579085.01	4141296.41	232.95838	(15011018)	579105.01	4141296.41	225.08597	(15011018)
579125.01	4141296.41	209.28102	(15011018)	579145.01	4141296.41	187.50009	(15011018)

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        579165.01   4141296.41      175.35733  (09011517)              579185.01
4141296.41      164.15939  (17122918)
        579205.01   4141296.41      162.73813  (17122918)              579225.01
4141296.41      157.77472  (17122918)
        579245.01   4141296.41      155.69048  (14011818)              579265.01
4141296.41      151.64368  (14011818)
        579285.01   4141296.41      145.25830  (14011818)              578385.01
4141316.41      133.88340  (09110418)
        578405.01   4141316.41      132.31003  (09110418)              578425.01
4141316.41      134.00689  (12010309)
        578445.01   4141316.41      154.92024  (12010309)              578465.01
4141316.41      173.09723  (12010309)
        578485.01   4141316.41      185.69504  (12010309)              578505.01
4141316.41      193.75152  (12010309)
        578525.01   4141316.41      197.12317  (12010309)              578545.01
4141316.41      196.77471  (12010309)
        578565.01   4141316.41      193.52664  (12010309)              578585.01
4141316.41      189.42982  (11122717)
        578605.01   4141316.41      196.35876  (16020318)              578625.01
4141316.41      209.17046  (14112017)
        578645.01   4141316.41      240.39136  (14112017)              578665.01
4141316.41      262.63803  (09012117)
        578685.01   4141316.41      285.89644  (09012117)              578705.01
4141316.41      290.78326  (09012117)
        578725.01   4141316.41      296.41146  (14121217)              579025.01
4141316.41      266.63074  (17121318)
        579045.01   4141316.41      258.03392  (17121318)              579065.01
4141316.41      252.02895  (15011018)
        579085.01   4141316.41      242.84618  (15011018)              579105.01
4141316.41      224.81681  (15011018)
        579125.01   4141316.41      200.24179  (15011018)              579145.01
4141316.41      187.70909  (09011517)
        579165.01   4141316.41      180.19106  (17122918)              579185.01
4141316.41      176.28552  (17122918)
        579205.01   4141316.41      172.59192  (14011818)              579225.01
4141316.41      168.71225  (14011818)
        579245.01   4141316.41      161.92598  (14011818)              579265.01
4141316.41      153.28953  (17120218)
        579285.01   4141316.41      150.32951  (17120218)              578385.01
4141336.41      143.97330  (09110418)
        578405.01   4141336.41      145.85182  (09110418)              578425.01
4141336.41      146.10725  (09110418)
        578445.01   4141336.41      144.67824  (09110418)              578465.01
4141336.41      161.11829  (12010309)
        578485.01   4141336.41      181.57586  (12010309)              578505.01
4141336.41      197.10920  (12010309)
        578525.01   4141336.41      206.91224  (12010309)              578545.01
4141336.41      211.56754  (12010309)
        578565.01   4141336.41      212.27634  (12010309)              578585.01
4141336.41      210.28652  (12010309)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141336.41	240.44963	(14112017)	578665.01	4141336.41	268.79634	(14112017)
578685.01	4141336.41	297.77084	(09012117)	578705.01	4141336.41	313.94082	(09012117)
579025.01	4141336.41	282.05842	(17121318)	579045.01	4141336.41	274.25258	(15011018)
579065.01	4141336.41	263.55751	(15011018)	579085.01	4141336.41	242.75897	(15011018)
579105.01	4141336.41	216.18083	(09011517)	579125.01	4141336.41	201.57333	(09011517)
579145.01	4141336.41	197.76613	(17122918)	579165.01	4141336.41	192.54096	(14011818)
579185.01	4141336.41	189.12479	(14011818)	579205.01	4141336.41	181.92110	(14011818)
579225.01	4141336.41	171.80934	(14011818)	579245.01	4141336.41	167.82873	(17120218)
579265.01	4141336.41	161.90938	(17120218)	579285.01	4141336.41	154.15988	(17120218)
578385.01	4141356.41	147.21728	(09110418)	578405.01	4141356.41	152.82842	(09110418)
578425.01	4141356.41	157.01216	(09110418)	578445.01	4141356.41	159.47212	(09110418)
578465.01	4141356.41	160.43384	(09110418)	578485.01	4141356.41	167.32144	(12010309)
578505.01	4141356.41	191.87487	(12010309)	578525.01	4141356.41	210.15855	(12010309)

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        578545.01   4141356.41      221.97968  (12010309)              578565.01
4141356.41      227.95123  (12010309)
        578585.01   4141356.41      229.80895  (12010309)              578605.01
4141356.41      229.52802  (12010309)
        578625.01   4141356.41      226.79723  (12010309)              578645.01
4141356.41      234.61378  (14112017)
        578665.01   4141356.41      275.10929  (14112017)              578685.01
4141356.41      305.78546  (09012117)
        579025.01   4141356.41      300.65654  (15011018)              579045.01
4141356.41      288.19956  (15011018)
        579065.01   4141356.41      263.91576  (15011018)              579085.01
4141356.41      235.56618  (09011517)
        579105.01   4141356.41      222.73218  (17122918)              579125.01
4141356.41      217.00802  (17122918)
        579145.01   4141356.41      213.77221  (14011818)              579165.01
4141356.41      206.35023  (14011818)
        579185.01   4141356.41      195.06495  (14011818)              579205.01
4141356.41      189.19805  (17120218)
        579225.01   4141356.41      181.89503  (17120218)              579245.01
4141356.41      172.34803  (17120218)
        579265.01   4141356.41      163.10705  (09120518)              579285.01
4141356.41      156.71828  (17112018)
        579305.01   4141356.41      152.21139  (17112018)              578385.01
4141376.41      144.40503  (16030918)
        578405.01   4141376.41      152.79908  (09110418)              578425.01
4141376.41      161.27096  (09110418)
        578445.01   4141376.41      168.12643  (09110418)              578465.01
4141376.41      173.05974  (09110418)
        578485.01   4141376.41      176.13783  (09110418)              578505.01
4141376.41      178.13802  (09110418)
        578525.01   4141376.41      203.21064  (12010309)              578545.01
4141376.41      225.19277  (12010309)
        578565.01   4141376.41      239.54037  (12010309)              578585.01
4141376.41      246.88103  (12010309)
        578605.01   4141376.41      250.16714  (12010309)              578625.01
4141376.41      251.73399  (12010309)
        578645.01   4141376.41      251.77605  (12010309)              578665.01
4141376.41      275.96505  (14112017)
        578685.01   4141376.41      313.59365  (14112017)              579005.01
4141376.41      332.60554  (15011018)
        579025.01   4141376.41      318.08033  (15011018)              579045.01
4141376.41      289.32081  (15011018)
        579065.01   4141376.41      258.19361  (09011517)              579085.01
4141376.41      248.57154  (17122918)
        579105.01   4141376.41      243.96356  (14011818)              579125.01
4141376.41      236.56167  (14011818)
        579145.01   4141376.41      224.05907  (14011818)              579165.01
4141376.41      215.86208  (17120218)
        579185.01   4141376.41      206.70565  (17120218)              579205.01
4141376.41      194.74819  (17120218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141376.41	183.63666	(09120518)	579245.01	4141376.41	177.65690	(17112018)
579265.01	4141376.41	170.99550	(17112018)	579285.01	4141376.41	163.05233	(17112018)
579305.01	4141376.41	154.23761	(17112018)	578385.01	4141396.41	152.68720	(16030918)
578405.01	4141396.41	157.86028	(16030918)	578425.01	4141396.41	162.00294	(16030918)
578445.01	4141396.41	168.02499	(09110418)	578465.01	4141396.41	178.18198	(09110418)
578485.01	4141396.41	186.13446	(09110418)	578505.01	4141396.41	191.85859	(09110418)
578525.01	4141396.41	196.83504	(09110418)	578545.01	4141396.41	215.59597	(12010309)
578565.01	4141396.41	242.92284	(12010309)	578585.01	4141396.41	260.17496	(12010309)
578605.01	4141396.41	269.10464	(12010309)	578625.01	4141396.41	273.89764	(12010309)
578645.01	4141396.41	277.98780	(12010309)	578665.01	4141396.41	281.89262	(12010309)
579005.01	4141396.41	355.63430	(15011018)	579025.01	4141396.41	320.85849	(15011018)
579045.01	4141396.41	287.02560	(17122918)	579065.01	4141396.41	281.87175	(14011818)
579085.01	4141396.41	274.78842	(14011818)	579105.01	4141396.41	260.97746	(14011818)
579125.01	4141396.41	249.93035	(17120218)	579145.01	4141396.41	238.26403	(17120218)

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        579165.01   4141396.41      223.00045  (17120218)              579185.01
4141396.41      211.06557  (17112018)
        579205.01   4141396.41      203.29601  (17112018)              579225.01
4141396.41      193.54985  (17112018)
        579245.01   4141396.41      182.45492  (17112018)              579265.01
4141396.41      170.57268  (17112018)
        579285.01   4141396.41      158.39110  (17112018)              579305.01
4141396.41      146.65828  (13120418)
        578385.01   4141416.41      161.14137  (14120118)              578405.01
4141416.41      162.09108  (14120118)
        578425.01   4141416.41      168.62304  (16030918)              578445.01
4141416.41      176.08042  (16030918)
        578465.01   4141416.41      182.52956  (16030918)              578485.01
4141416.41      187.94529  (16030918)
        578505.01   4141416.41      198.48124  (09110418)              578525.01
4141416.41      207.77736  (09110418)
        578545.01   4141416.41      215.07724  (09110418)              578565.01
4141416.41      230.17357  (12010309)
        578585.01   4141416.41      264.17169  (12010309)              578605.01
4141416.41      285.37759  (12010309)
        578625.01   4141416.41      296.21698  (12010309)              578645.01
4141416.41      302.65410  (12010309)
        578665.01   4141416.41      309.90544  (12010309)              579025.01
4141416.41      331.51737  (14011818)
        579045.01   4141416.41      324.85135  (14011818)              579065.01
4141416.41      309.44235  (14011818)
        579085.01   4141416.41      294.89993  (17120218)              579105.01
4141416.41      279.68037  (17120218)
        579125.01   4141416.41      259.80146  (17120218)              579145.01
4141416.41      247.48954  (17112018)
        579165.01   4141416.41      235.38360  (17112018)              579185.01
4141416.41      221.08458  (17112018)
        579205.01   4141416.41      205.48572  (17112018)              579225.01
4141416.41      189.40414  (17112018)
        579245.01   4141416.41      173.38494  (17112018)              579265.01
4141416.41      164.17844  (10120118)
        579285.01   4141416.41      159.66733  (10120118)              579305.01
4141416.41      154.68574  (10120118)
        578385.01   4141436.41      181.52153  (14120118)              578405.01
4141436.41      186.37234  (14120118)
        578425.01   4141436.41      190.81028  (14120118)              578445.01
4141436.41      194.80729  (14120118)
        578465.01   4141436.41      198.16407  (14120118)              578485.01
4141436.41      200.89717  (14120118)
        578505.01   4141436.41      206.59076  (16030918)              578525.01
4141436.41      214.83094  (16030918)
        578545.01   4141436.41      224.19535  (09110418)              578565.01
4141436.41      234.65782  (09110418)
        578585.01   4141436.41      247.52204  (12010309)              578605.01
4141436.41      290.71183  (12010309)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578625.01	4141436.41	317.33553	(12010309)	578645.01	4141436.41	330.62443	(12010309)
579025.01	4141436.41	376.62882	(14011818)	579045.01	4141436.41	357.25223	(17120218)
579065.01	4141436.41	336.53109	(17120218)	579085.01	4141436.41	310.81277	(17112018)
579105.01	4141436.41	295.71669	(17112018)	579125.01	4141436.41	276.86141	(17112018)
579145.01	4141436.41	255.64705	(17112018)	579165.01	4141436.41	233.40840	(17112018)
579185.01	4141436.41	211.27046	(17112018)	579205.01	4141436.41	202.85991	(10120118)
579225.01	4141436.41	194.98606	(10120118)	579245.01	4141436.41	186.61855	(10120118)
579265.01	4141436.41	178.03926	(10120118)	579285.01	4141436.41	169.44555	(10120118)
579305.01	4141436.41	160.96041	(10120118)	579325.01	4141436.41	152.67061	(10120118)
578385.01	4141456.41	189.09837	(14120118)	578405.01	4141456.41	197.79090	(14120118)
578425.01	4141456.41	206.45191	(14120118)	578445.01	4141456.41	214.97842	(14120118)
578465.01	4141456.41	223.26442	(14120118)	578485.01	4141456.41	231.26860	(14120118)
578505.01	4141456.41	238.53969	(14120118)	578525.01	4141456.41	246.05894	(14120118)
578545.01	4141456.41	252.59916	(14120118)	578565.01	4141456.41	259.38857	(14120118)

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        578585.01   4141456.41      266.17865  (14120118)              578605.01
4141456.41      272.70079  (14120118)
        578625.01   4141456.41      324.84267  (12010309)              578645.01
4141456.41      359.39475  (12010309)
        579045.01   4141456.41      389.06384  (17112018)              579065.01
4141456.41      363.23841  (17112018)
        579085.01   4141456.41      333.04021  (17112018)              579105.01
4141456.41      300.66647  (17112018)
        579125.01   4141456.41      272.85937  (10120118)              579145.01
4141456.41      259.29273  (10120118)
        579165.01   4141456.41      244.99842  (10120118)              579185.01
4141456.41      230.59242  (10120118)
        579205.01   4141456.41      216.47139  (10120118)              579225.01
4141456.41      202.82417  (10120118)
        579245.01   4141456.41      189.84168  (10120118)              579265.01
4141456.41      177.59134  (10120118)
        578385.01   4141476.41      181.64223  (14120118)              578405.01
4141476.41      193.39276  (14120118)
        578425.01   4141476.41      205.61702  (14120118)              578445.01
4141476.41      218.20052  (14120118)
        578465.01   4141476.41      231.21913  (14120118)              578485.01
4141476.41      244.63847  (14120118)
        578505.01   4141476.41      257.83072  (14120118)              578525.01
4141476.41      271.70403  (14120118)
        578545.01   4141476.41      284.29286  (14120118)              578565.01
4141476.41      297.74362  (14120118)
        578585.01   4141476.41      311.63300  (14120118)              578605.01
4141476.41      326.39967  (14120118)
        578625.01   4141476.41      342.66990  (14120118)              578645.01
4141476.41      370.98299  (12010309)
        579065.01   4141476.41      377.02977  (10120118)              579085.01
4141476.41      349.00014  (10120118)
        579105.01   4141476.41      321.26832  (10120118)              579125.01
4141476.41      294.81760  (10120118)
        579145.01   4141476.41      270.21570  (10120118)              579165.01
4141476.41      249.87225  (10122318)
        579185.01   4141476.41      234.41488  (10122318)              579205.01
4141476.41      220.07909  (10122318)
        579225.01   4141476.41      206.82374  (10122318)              578385.01
4141496.41      189.59750  (12010417)
        578405.01   4141496.41      197.93945  (12010417)              578425.01
4141496.41      206.71654  (12010417)
        578445.01   4141496.41      216.02033  (12010417)              578465.01
4141496.41      226.00710  (12010417)
        578485.01   4141496.41      236.85762  (12010417)              578505.01
4141496.41      254.99585  (14120118)
        578525.01   4141496.41      275.30736  (14120118)              578545.01
4141496.41      295.21255  (14120118)
        578565.01   4141496.41      316.34018  (14120118)              578585.01
4141496.41      338.25325  (14120118)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578605.01	4141496.41	360.84242	(14120118)	578625.01	4141496.41	384.80209	(14120118)
578645.01	4141496.41	412.45047	(14120118)	579085.01	4141496.41	366.51900	(10122318)
579105.01	4141496.41	331.69678	(10122318)	579125.01	4141496.41	301.50550	(10122318)
579145.01	4141496.41	275.40804	(10122318)	579165.01	4141496.41	254.45513	(11112918)
579185.01	4141496.41	236.91048	(11112918)	579205.01	4141496.41	221.33821	(11112918)
578385.01	4141516.41	200.94793	(13012417)	578405.01	4141516.41	210.59319	(13012417)
578425.01	4141516.41	221.01654	(13012417)	578445.01	4141516.41	232.26879	(13012417)
578465.01	4141516.41	244.65797	(13012417)	578485.01	4141516.41	258.40358	(13012417)
578505.01	4141516.41	273.37871	(13012417)	578525.01	4141516.41	290.81728	(13012417)
578545.01	4141516.41	308.76957	(13012417)	578565.01	4141516.41	329.84448	(13012417)
578585.01	4141516.41	353.54927	(13012417)	578605.01	4141516.41	380.84302	(13012417)
578625.01	4141516.41	412.94822	(13012417)	578645.01	4141516.41	453.64331	(14120118)
579085.01	4141516.41	366.19900	(11112918)	579105.01	4141516.41	327.74927	(11112918)
579125.01	4141516.41	296.33859	(11112918)	579145.01	4141516.41	270.24754	(11112918)

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        579165.01   4141516.41      248.18743  (11112918)              578385.01
4141536.41      211.79372  (13012417)
        578405.01   4141536.41      222.64657  (13012417)              578425.01
4141536.41      234.62683  (13012417)
        578445.01   4141536.41      247.84587  (13012417)              578465.01
4141536.41      262.34710  (13012417)
        578485.01   4141536.41      278.56038  (13012417)              578505.01
4141536.41      296.52315  (13012417)
        578525.01   4141536.41      317.88906  (13012417)              578545.01
4141536.41      340.12932  (13012417)
        578565.01   4141536.41      367.04243  (13012417)              578585.01
4141536.41      398.13547  (13012417)
        578605.01   4141536.41      434.66173  (13012417)              578625.01
4141536.41      479.26952  (13012417)
        578645.01   4141536.41      534.60186  (13012417)              578665.01
4141536.41      606.17973  (13012417)
        579105.01   4141536.41      277.74525  (11112918)              579125.01
4141536.41      252.62745  (11112918)
        579185.01   4141536.41      198.03364  (11112918)              578385.01
4141556.41      202.40022  (17121418)
        578405.01   4141556.41      212.71390  (17121418)              578425.01
4141556.41      224.04185  (17121418)
        578445.01   4141556.41      236.59359  (17121418)              578465.01
4141556.41      250.54873  (17121418)
        578485.01   4141556.41      266.04492  (17121418)              578505.01
4141556.41      283.40293  (17121418)
        578525.01   4141556.41      303.74021  (17121418)              578545.01
4141556.41      325.69744  (17121418)
        578565.01   4141556.41      352.16899  (17121418)              578585.01
4141556.41      383.35052  (17121418)
        578605.01   4141556.41      421.23486  (17121418)              578625.01
4141556.41      468.28678  (17121418)
        578645.01   4141556.41      529.41995  (17121418)              578665.01
4141556.41      613.97082  (17121418)
        578685.01   4141556.41      744.52898  (17121418)              579165.01
4141556.41      210.50779  (16011318)
        579185.01   4141556.41      191.59072  (16011318)              579205.01
4141556.41      174.93554  (16011318)
        578385.01   4141576.41      183.16409  (10012218)              578405.01
4141576.41      192.99348  (10012218)
        578425.01   4141576.41      203.64952  (10012218)              578445.01
4141576.41      215.21604  (10012218)
        578465.01   4141576.41      227.64566  (10012218)              578485.01
4141576.41      241.23440  (10012218)
        578505.01   4141576.41      256.21454  (10012218)              578525.01
4141576.41      273.34888  (10012218)
        578545.01   4141576.41      290.50206  (10012218)              578565.01
4141576.41      310.26971  (10012218)
        578585.01   4141576.41      332.28462  (10012218)              578605.01
4141576.41      357.17423  (10012218)
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        578625.01   4141576.41      385.77108  (10012218)                578645.01
4141576.41      444.80332  (16120718)
        578665.01   4141576.41      558.34067  (16120718)                578685.01
4141576.41      666.67139  (16120718)
        578705.01   4141576.41      781.36902  (16120718)                579145.01
4141576.41      237.18606  (16011318)
        579165.01   4141576.41      221.15477  (16011318)                579185.01
4141576.41      205.98427  (16011318)
        579205.01   4141576.41      191.75198  (16011318)                579225.01
4141576.41      178.53093  (16011318)
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                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP20  ***
                                     INCLUDING SOURCE(S):     GRADINGD    ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579245.01   4141576.41      166.27984  (16011318)                579265.01
4141576.41      155.03006  (16011318)
        578385.01   4141596.41      176.75012  (10012218)                578405.01
4141596.41      183.94552  (10012218)
        578425.01   4141596.41      191.31203  (10012218)                578445.01
4141596.41      199.09628  (10012218)
        578465.01   4141596.41      207.12939  (10012218)                578485.01
4141596.41      215.49597  (10012218)
        578505.01   4141596.41      224.51136  (10012218)                578525.01
4141596.41      234.09909  (10012218)
        578545.01   4141596.41      243.17112  (10012218)                578565.01
4141596.41      277.02512  (15102718)
        578585.01   4141596.41      313.34955  (15102718)                578605.01
4141596.41      361.62910  (16120718)
        578625.01   4141596.41      427.03533  (16120718)                578645.01
4141596.41      488.71770  (16120718)
        578665.01   4141596.41      543.44205  (16120718)                578685.01
4141596.41      595.45961  (16120718)
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578705.01 4141596.41 649.87253 (16120718) 578725.01 4141596.41 732.49972 (12010318)
578745.01 4141596.41 876.71367 (12010318) 579105.01 4141596.41 244.06964 (17010418)
579145.01 4141596.41 218.48354 (16011318) 579165.01 4141596.41 209.25442 (16011318)
579185.01 4141596.41 199.73903 (16011318) 579205.01 4141596.41 190.07024 (16011318)
579225.01 4141596.41 180.50423 (16011318) 579245.01 4141596.41 171.12309 (16011318)
579265.01 4141596.41 162.06403 (16011318) 579285.01 4141596.41 153.30272 (16011318)
579305.01 4141596.41 145.03720 (16011318) 579325.01 4141596.41 137.17217 (16011318)
579345.01 4141596.41 129.76074 (16011318) 578385.01 4141616.41 153.54683 (10012218)
578405.01 4141616.41 157.30351 (10012218) 578425.01 4141616.41 160.95658 (10012218)
578445.01 4141616.41 164.45137 (10012218) 578465.01 4141616.41 177.74168 (15102718)
578485.01 4141616.41 199.20478 (15102718) 578505.01 4141616.41 222.03148 (15102718)
578525.01 4141616.41 246.02090 (15102718) 578545.01 4141616.41 268.80048 (15102718)
578565.01 4141616.41 309.05525 (16120718) 578585.01 4141616.41 352.78363 (16120718)
578605.01 4141616.41 392.95627 (16120718) 578625.01 4141616.41 426.91000 (16120718)
578645.01 4141616.41 454.00572 (16120718) 578665.01 4141616.41 477.43278 (16120718)
578685.01 4141616.41 510.39900 (12010318) 578705.01 4141616.41 571.63054 (12010318)
578725.01 4141616.41 638.91111 (12010318) 578745.01 4141616.41 723.40814 (12010318)
579065.01 4141616.41 249.69012 (09012218) 579085.01 4141616.41 240.10376 (09012218)
579105.01 4141616.41 228.38248 (09012218) 579125.01 4141616.41 213.61240 (09012218)
579165.01 4141616.41 197.51894 (17010418) 579185.01 4141616.41 188.32546 (17010418)
579205.01 4141616.41 178.41663 (17010418) 579225.01 4141616.41 169.45431 (16011318)
579245.01 4141616.41 163.49339 (16011318) 579265.01 4141616.41 157.36757 (16011318)
579285.01 4141616.41 151.09861 (16011318) 579305.01 4141616.41 144.97080 (16011318)
579325.01 4141616.41 138.93218 (16011318) 579345.01 4141616.41 132.99521 (16011318)
578385.01 4141636.41 138.24586 (15102718) 578405.01 4141636.41 153.14201 (15102718)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578425.01	4141636.41	168.79472	(15102718)	578445.01	4141636.41	184.97570	(15102718)
578465.01	4141636.41	201.26922	(15102718)	578485.01	4141636.41	217.09804	(15102718)
578505.01	4141636.41	237.91573	(16120718)	578525.01	4141636.41	270.38319	(16120718)
578545.01	4141636.41	301.33923	(16120718)	578565.01	4141636.41	329.28344	(16120718)
578585.01	4141636.41	352.39953	(16120718)	578605.01	4141636.41	369.44792	(16120718)
578625.01	4141636.41	380.70370	(16120718)	578645.01	4141636.41	399.68986	(12111618)
578665.01	4141636.41	437.75207	(12010318)	578685.01	4141636.41	481.61127	(12010318)
578705.01	4141636.41	525.02368	(12010318)	578725.01	4141636.41	568.71567	(12010318)
579045.01	4141636.41	243.62175	(09012218)	579065.01	4141636.41	233.81998	(09012218)
579085.01	4141636.41	225.34123	(09012218)	579105.01	4141636.41	217.36210	(09012218)
579125.01	4141636.41	208.65611	(09012218)	579165.01	4141636.41	186.31842	(09012218)
579185.01	4141636.41	177.12690	(17010418)	579205.01	4141636.41	171.54894	(17010418)
579225.01	4141636.41	165.30697	(17010418)	579245.01	4141636.41	158.48616	(17010418)
579265.01	4141636.41	151.24645	(17010418)	579285.01	4141636.41	143.67894	(17010418)

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        579305.01   4141636.41      136.72465  (16011318)               579325.01
4141636.41      132.72786  (16011318)
        579345.01   4141636.41      128.63207  (16011318)               578385.01
4141656.41      157.90493  (15102718)
        578405.01   4141656.41      169.81000  (15102718)               578425.01
4141656.41      181.19509  (15102718)
        578445.01   4141656.41      191.85896  (15102718)               578465.01
4141656.41      215.70784  (16120718)
        578485.01   4141656.41      240.07854  (16120718)               578505.01
4141656.41      263.11737  (16120718)
        578525.01   4141656.41      282.86809  (16120718)               578545.01
4141656.41      298.51179  (16120718)
        578565.01   4141656.41      309.27841  (16120718)               578585.01
4141656.41      314.87769  (16120718)
        578605.01   4141656.41      328.41925  (12111618)               578625.01
4141656.41      359.87205  (12111618)
        578645.01   4141656.41      388.34108  (09121117)               578665.01
4141656.41      421.28833  (12010318)
        578685.01   4141656.41      450.89534  (12010318)               578705.01
4141656.41      474.77474  (12010318)
        578725.01   4141656.41      489.67856  (09010809)               579005.01
4141656.41      257.14329  (17112518)
        579025.01   4141656.41      242.12280  (17112518)               579045.01
4141656.41      226.65850  (17112518)
        579065.01   4141656.41      216.97302  (09012218)               579085.01
4141656.41      210.50772  (09012218)
        579105.01   4141656.41      204.30893  (09012218)               579125.01
4141656.41      198.24649  (09012218)
        579145.01   4141656.41      191.74949  (09012218)               579185.01
4141656.41      175.70175  (09012218)
        579205.01   4141656.41      165.85238  (09012218)               579225.01
4141656.41      155.95101  (16112518)
        579245.01   4141656.41      150.51627  (17010418)               579265.01
4141656.41      146.23874  (17010418)
        579285.01   4141656.41      141.50189  (17010418)               579305.01
4141656.41      136.40160  (17010418)
        579325.01   4141656.41      130.94432  (17010418)               579345.01
4141656.41      125.29960  (17010418)
        578385.01   4141676.41      162.75246  (15102718)               578405.01
4141676.41      177.10567  (16120718)
        578425.01   4141676.41      196.51393  (16120718)               578445.01
4141676.41      215.25847  (16120718)
        578465.01   4141676.41      232.45244  (16120718)               578485.01
4141676.41      246.87058  (16120718)
        578505.01   4141676.41      257.99304  (16120718)               578525.01
4141676.41      264.59345  (16120718)
        578545.01   4141676.41      266.76548  (16120718)               578565.01
4141676.41      276.34863  (10122417)
        578585.01   4141676.41      303.76344  (12111618)               578605.01
4141676.41      326.44578  (12111618)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578625.01	4141676.41	350.45091	(09121117)	578645.01	4141676.41	376.26509	(12010318)
578665.01	4141676.41	395.80565	(12010318)	578685.01	4141676.41	407.15396	(12010318)
578705.01	4141676.41	422.10640	(09010809)	578985.01	4141676.41	254.55907	(17112518)
579005.01	4141676.41	243.51404	(17112518)	579025.01	4141676.41	232.94498	(17112518)
579045.01	4141676.41	221.73049	(17112518)	579065.01	4141676.41	210.03985	(17112518)
579085.01	4141676.41	198.65775	(17112518)	579105.01	4141676.41	189.21039	(09012218)
579125.01	4141676.41	185.13813	(09012218)	579145.01	4141676.41	180.90406	(09012218)
579165.01	4141676.41	176.30388	(09012218)	579185.01	4141676.41	171.03005	(09012218)
579205.01	4141676.41	164.86141	(09012218)	579225.01	4141676.41	157.72549	(09012218)
579245.01	4141676.41	149.67208	(09012218)	579265.01	4141676.41	140.86094	(09012218)
579285.01	4141676.41	134.89968	(16112518)	579305.01	4141676.41	129.91815	(17010418)
579325.01	4141676.41	126.71780	(17010418)	579345.01	4141676.41	123.14770	(17010418)
578385.01	4141696.41	180.08729	(16120718)	578405.01	4141696.41	194.55936	(16120718)
578425.01	4141696.41	207.45828	(16120718)	578445.01	4141696.41	218.09446	(16120718)

578465.01 4141696.41 225.59783 (16120718) 578485.01
4141696.41 229.53137 (16120718)
578505.01 4141696.41 232.41421 (09122918) 578525.01
4141696.41 242.20646 (10122417)
578565.01 4141696.41 282.03079 (12111618) 578585.01
4141696.41 297.95745 (12111618)
578605.01 4141696.41 319.68432 (09121117) 578625.01
4141696.41 339.42853 (12010318)
578645.01 4141696.41 351.83324 (12010318) 578665.01
4141696.41 354.89669 (12010318)
578685.01 4141696.41 373.37812 (09010809) 578945.01
4141696.41 299.70394 (11121618)
578965.01 4141696.41 266.10571 (11121618) 578985.01
4141696.41 245.43627 (11121618)
579005.01 4141696.41 231.04295 (11121618) 579025.01
4141696.41 221.67540 (17112518)
579045.01 4141696.41 213.17943 (17112518) 579065.01
4141696.41 204.48945 (17112518)
579085.01 4141696.41 195.43520 (17112518) 579105.01
4141696.41 186.26068 (17112518)
579125.01 4141696.41 177.04862 (17112518) 579145.01
4141696.41 169.09031 (15110918)
579165.01 4141696.41 164.66131 (09012218) 579185.01
4141696.41 161.67280 (09012218)
579205.01 4141696.41 158.12807 (09012218) 579225.01
4141696.41 153.87706 (09012218)
579245.01 4141696.41 148.81357 (09012218) 579265.01
4141696.41 142.95606 (09012218)
579285.01 4141696.41 136.34669 (09012218) 579305.01
4141696.41 129.08751 (09012218)
579325.01 4141696.41 122.31101 (16112518) 579345.01
4141696.41 118.32274 (16112518)
578385.01 4141716.41 186.68435 (16120718) 578405.01
4141716.41 194.35251 (16120718)
578425.01 4141716.41 199.53135 (16120718) 578445.01
4141716.41 201.74738 (16120718)
578465.01 4141716.41 206.31775 (09122918) 578485.01
4141716.41 213.91889 (10122417)
578505.01 4141716.41 222.87911 (10122417) 578525.01
4141716.41 244.85889 (12111618)
578605.01 4141716.41 308.76164 (12010318) 578625.01
4141716.41 315.48786 (12010318)
578645.01 4141716.41 317.65799 (11112818) 578665.01
4141716.41 335.88301 (09010809)
578685.01 4141716.41 352.50372 (09010809) 578905.01
4141716.41 411.63515 (13012318)
578925.01 4141716.41 347.39299 (13012318) 578945.01
4141716.41 278.91567 (13012318)
578965.01 4141716.41 257.19319 (11121618) 578985.01
4141716.41 239.39544 (11121618)

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP20 ***
                                    INCLUDING SOURCE(S):   GRADINGD   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579325.01   4141716.41   125.02230 (09012218)   579345.01
4141716.41   119.08042 (09012218)
        578385.01   4141736.41   177.95426 (16120718)   578405.01
4141736.41   178.93726 (16120718)
        578425.01   4141736.41   185.28030 (09122918)   578445.01
4141736.41   191.21134 (10122417)
        578465.01   4141736.41   199.13599 (10122417)   578485.01
4141736.41   212.34603 (12111618)
        578505.01   4141736.41   231.14268 (12111618)   578625.01
4141736.41   290.19897 (11112818)
        578645.01   4141736.41   305.61339 (09010809)   578665.01
4141736.41   318.77575 (09010809)

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        578865.01   4141736.41      426.09585  (14121218)              578885.01
4141736.41      443.79758  (14121218)
        578905.01   4141736.41      368.07306  (14020618)              578925.01
4141736.41      319.37900  (13012318)
        578945.01   4141736.41      287.55132  (13012318)              578965.01
4141736.41      246.94357  (13012318)
        578985.01   4141736.41      216.09952  (11121618)              579005.01
4141736.41      211.36573  (11121618)
        579025.01   4141736.41      203.92804  (11121618)              579045.01
4141736.41      196.05906  (11121618)
        579065.01   4141736.41      188.12985  (11121618)              579085.01
4141736.41      179.92519  (11121618)
        579105.01   4141736.41      175.20601  (17112518)              579125.01
4141736.41      170.10133  (17112518)
        579145.01   4141736.41      164.43879  (17112518)              579165.01
4141736.41      158.25739  (17112518)
        579185.01   4141736.41      151.45844  (17112518)              579205.01
4141736.41      144.28175  (15110918)
        579225.01   4141736.41      139.05210  (15110918)              579245.01
4141736.41      132.96056  (15110918)
        579265.01   4141736.41      131.44572  (09012218)              579285.01
4141736.41      129.48141  (09012218)
        579305.01   4141736.41      126.88138  (09012218)              579325.01
4141736.41      123.61218  (09012218)
        579345.01   4141736.41      119.71888  (09012218)              578385.01
4141756.41      167.56056  (09122918)
        578405.01   4141756.41      172.23407  (10122417)              578425.01
4141756.41      179.84493  (10122417)
        578445.01   4141756.41      185.18534  (12111618)              578465.01
4141756.41      203.50885  (12111618)
        578485.01   4141756.41      217.14517  (12111618)              578845.01
4141756.41      319.69623  (12121918)
        578865.01   4141756.41      354.94859  (12121918)              578885.01
4141756.41      385.03450  (14121218)
        578905.01   4141756.41      335.80166  (14121218)              578925.01
4141756.41      293.86538  (14020618)
        578945.01   4141756.41      265.55168  (13012318)              578965.01
4141756.41      247.62425  (13012318)
        578985.01   4141756.41      220.93452  (13012318)              579005.01
4141756.41      195.82866  (13012318)
        579025.01   4141756.41      184.58962  (11121618)              579045.01
4141756.41      183.32665  (11121618)
        579065.01   4141756.41      179.54139  (11121618)              579085.01
4141756.41      174.37201  (11121618)
        579105.01   4141756.41      168.26279  (11121618)              579125.01
4141756.41      161.58726  (17112518)
        579145.01   4141756.41      158.34310  (17112518)              579165.01
4141756.41      154.29171  (17112518)
        579185.01   4141756.41      149.52197  (17112518)              579205.01
4141756.41      144.03205  (17112518)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141756.41	137.73662	(17112518)	579245.01	4141756.41	131.84885	(15110918)
579265.01	4141756.41	127.10616	(15110918)	579285.01	4141756.41	121.54153	(15110918)
579305.01	4141756.41	119.31497	(09012218)	579325.01	4141756.41	117.96242	(09012218)
579345.01	4141756.41	115.98624	(09012218)	578385.01	4141776.41	163.23392	(10122417)
578405.01	4141776.41	167.20389	(10122417)	578425.01	4141776.41	179.83317	(12111618)
578445.01	4141776.41	193.92547	(12111618)	578465.01	4141776.41	203.28115	(12111618)
578485.01	4141776.41	209.91962	(09121117)	578825.01	4141776.41	288.40210	(14103118)
578845.01	4141776.41	281.18006	(12121918)	578865.01	4141776.41	313.05017	(12121918)
578885.01	4141776.41	336.34022	(14121218)	578905.01	4141776.41	317.74857	(14121218)
578925.01	4141776.41	273.63979	(14020618)	578945.01	4141776.41	244.12990	(14020618)
578965.01	4141776.41	229.45619	(13012318)	578985.01	4141776.41	218.42446	(13012318)
579005.01	4141776.41	199.52964	(13012318)	579025.01	4141776.41	179.49225	(13012318)
579045.01	4141776.41	160.57896	(13012318)	579065.01	4141776.41	163.76201	(11121618)
579085.01	4141776.41	163.53865	(11121618)	579105.01	4141776.41	161.06612	(11121618)

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        579125.01   4141776.41      157.09049  (11121618)               579145.01
4141776.41      152.00271  (11121618)
        579165.01   4141776.41      146.79403  (17112518)               579185.01
4141776.41      144.31454  (17112518)
        579205.01   4141776.41      140.94523  (17112518)               579225.01
4141776.41      136.72457  (17112518)
        579245.01   4141776.41      131.65573  (17112518)               579265.01
4141776.41      125.74319  (17112518)
        579285.01   4141776.41      121.01792  (15110918)               579305.01
4141776.41      116.68158  (15110918)
        579325.01   4141776.41      111.65022  (15110918)               579345.01
4141776.41      108.68793  (09012218)
        578405.01   4141796.41      173.58074  (12111618)               578425.01
4141796.41      183.97954  (12111618)
        578445.01   4141796.41      189.78467  (12111618)               578465.01
4141796.41      199.03458  (09121117)
        578805.01   4141796.41      260.31655  (14103118)               578825.01
4141796.41      262.43613  (14103118)
        578845.01   4141796.41      249.47709  (12121918)               578865.01
4141796.41      279.68177  (12121918)
        578885.01   4141796.41      295.26079  (14121218)               578905.01
4141796.41      295.08692  (14121218)
        578925.01   4141796.41      255.71442  (14121218)               578945.01
4141796.41      235.89981  (14020618)
        578965.01   4141796.41      208.22715  (14020618)               578985.01
4141796.41      203.18715  (13012318)
        579005.01   4141796.41      195.87892  (13012318)               579025.01
4141796.41      181.68917  (13012318)
        579045.01   4141796.41      165.30631  (13012318)               579065.01
4141796.41      148.93925  (13012318)
        579085.01   4141796.41      145.73670  (11121618)               579105.01
4141796.41      148.31661  (11121618)
        579125.01   4141796.41      148.24530  (11121618)               579145.01
4141796.41      146.26055  (11121618)
        579165.01   4141796.41      142.84776  (11121618)               579185.01
4141796.41      138.34971  (11121618)
        579205.01   4141796.41      134.43922  (17112518)               579225.01
4141796.41      132.41032  (17112518)
        579245.01   4141796.41      129.42626  (17112518)               579265.01
4141796.41      125.53191  (17112518)
        579285.01   4141796.41      120.77052  (17112518)               579305.01
4141796.41      115.16037  (17112518)
        579325.01   4141796.41      111.49300  (15110918)               579345.01
4141796.41      107.59681  (15110918)
        578445.01   4141816.41      188.63629  (09121117)               578585.01
4141816.41      232.81311  (09010809)
        578605.01   4141816.41      232.85781  (09010809)               578665.01
4141816.41      247.84819  (12112718)
        578685.01   4141816.41      249.90839  (09112618)               578785.01
4141816.41      224.50744  (14103118)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP20 ***
INCLUDING SOURCE(S): GRADINGD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578805.01	4141816.41	241.12787	(14103118)	578825.01	4141816.41	240.24090	(14103118)
578845.01	4141816.41	223.04051	(12121918)	578865.01	4141816.41	252.01001	(12121918)
578885.01	4141816.41	259.99716	(14121218)	578905.01	4141816.41	271.13656	(14121218)
578925.01	4141816.41	248.79995	(14121218)	578945.01	4141816.41	219.33551	(14020618)
578965.01	4141816.41	205.63886	(14020618)	578985.01	4141816.41	180.78764	(14020618)
579005.01	4141816.41	182.89430	(13012318)	579025.01	4141816.41	177.74810	(13012318)
579045.01	4141816.41	166.61119	(13012318)	579065.01	4141816.41	152.95248	(13012318)
579085.01	4141816.41	138.69871	(13012318)	579105.01	4141816.41	131.55962	(16112618)
579125.01	4141816.41	134.13121	(11121618)	579145.01	4141816.41	136.02760	(11121618)
579165.01	4141816.41	135.80255	(11121618)	579185.01	4141816.41	133.93717	(11121618)
579205.01	4141816.41	130.78853	(11121618)	579225.01	4141816.41	126.55509	(11121618)
579245.01	4141816.41	123.89601	(17112518)	579265.01	4141816.41	122.07454	(17112518)
579285.01	4141816.41	119.31260	(17112518)	579305.01	4141816.41	115.65409	(17112518)
579325.01	4141816.41	111.13353	(17112518)	579345.01	4141816.41	105.99629	(15110918)

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        578565.01   4141836.41      218.03679  (09010809)              578585.01
4141836.41      218.48462  (09010809)
        578605.01   4141836.41      211.93607  (16121017)              578625.01
4141836.41      214.31074  (12112718)
        578645.01   4141836.41      229.49997  (12112718)              578665.01
4141836.41      233.92991  (12112718)
        578685.01   4141836.41      237.81894  (09112618)              578705.01
4141836.41      233.08828  (09112618)
        578725.01   4141836.41      214.24361  (09112618)              578765.01
4141836.41      196.48989  (11112817)
        578785.01   4141836.41      210.82783  (14103118)              578805.01
4141836.41      224.19552  (14103118)
        578825.01   4141836.41      221.12168  (14103118)              578845.01
4141836.41      200.51306  (12121918)
        578865.01   4141836.41      228.51463  (12121918)              578885.01
4141836.41      234.34057  (12121918)
        578905.01   4141836.41      247.46410  (14121218)              578925.01
4141836.41      237.99102  (14121218)
        578945.01   4141836.41      207.16480  (14121218)              578965.01
4141836.41      196.64086  (14020618)
        578985.01   4141836.41      181.06074  (14020618)              579005.01
4141836.41      162.15692  (13012318)
        579025.01   4141836.41      166.62317  (13012318)              579045.01
4141836.41      162.75013  (13012318)
        579065.01   4141836.41      153.72644  (13012318)              579085.01
4141836.41      142.12670  (13012318)
        579105.01   4141836.41      129.58893  (13012318)              579125.01
4141836.41      120.94577  (16112618)
        579145.01   4141836.41      121.10719  (11121618)              579165.01
4141836.41      124.51576  (11121618)
        579185.01   4141836.41      125.77350  (11121618)              579205.01
4141836.41      125.28584  (11121618)
        579225.01   4141836.41      123.38028  (11121618)              579245.01
4141836.41      120.27118  (11121618)
        579265.01   4141836.41      116.11122  (11121618)              579285.01
4141836.41      114.72471  (17112518)
        579305.01   4141836.41      113.01643  (17112518)              579325.01
4141836.41      110.36483  (17112518)
        579345.01   4141836.41      106.86576  (17112518)              578565.01
4141856.41      205.90585  (09010809)
        578585.01   4141856.41      198.88653  (16121017)              578605.01
4141856.41      198.54772  (16121017)
        578625.01   4141856.41      211.97994  (12112718)              578645.01
4141856.41      219.96133  (12112718)
        578665.01   4141856.41      221.66803  (09112618)              578685.01
4141856.41      223.20480  (09112618)
        578705.01   4141856.41      211.82911  (09112618)              578725.01
4141856.41      192.67607  (14120418)
        578745.01   4141856.41      189.97416  (11112817)              578765.01
4141856.41      180.56704  (14010809)
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        578785.01   4141856.41      198.53704  (14103118)               578805.01
4141856.41      209.16471  (14103118)
        578825.01   4141856.41      204.51631  (14103118)               578845.01
4141856.41      184.23562  (14123117)
        578865.01   4141856.41      208.11353  (12121918)               578885.01
4141856.41      217.12175  (12121918)
        578905.01   4141856.41      224.86844  (14121218)               578925.01
4141856.41      224.83527  (14121218)
        578945.01   4141856.41      204.23494  (14121218)               578965.01
4141856.41      182.91898  (14020618)
        578985.01   4141856.41      176.57437  (14020618)               579005.01
4141856.41      160.74637  (14020618)
        579025.01   4141856.41      149.47501  (13012318)               579045.01
4141856.41      153.18161  (13012318)
        579065.01   4141856.41      150.10876  (13012318)               579085.01
4141856.41      142.57955  (13012318)
        579105.01   4141856.41      132.57149  (13012318)               579125.01
4141856.41      121.41543  (13012318)
        579145.01   4141856.41      111.35350  (16112618)               579165.01
4141856.41      112.05279  (16112618)
        579185.01   4141856.41      113.79424  (11121618)               579205.01
4141856.41      116.25603  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4141856.41      116.15721  (11121618)
        579265.01   4141856.41      114.07668  (11121618)               579285.01
4141856.41      110.90851  (11121618)
        579305.01   4141856.41      107.40661  (17112518)               579325.01
4141856.41      106.64347  (17112518)
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        579345.01   4141856.41      104.95242  (17112518)              578545.01
4141876.41      194.53159  (09010809)
        578565.01   4141876.41      188.33503  (09010809)              578585.01
4141876.41      188.21837  (16121017)
        578605.01   4141876.41      194.99457  (12112718)              578625.01
4141876.41      206.08803  (12112718)
        578645.01   4141876.41      207.20280  (12112718)              578665.01
4141876.41      211.71195  (09112618)
        578685.01   4141876.41      206.83460  (09112618)              578705.01
4141876.41      191.28834  (16120918)
        578725.01   4141876.41      179.55775  (11112817)              578745.01
4141876.41      176.06235  (11112817)
        578765.01   4141876.41      167.89068  (14010809)              578785.01
4141876.41      187.37870  (14103118)
        578805.01   4141876.41      195.71184  (14103118)              578825.01
4141876.41      190.00094  (14103118)
        578845.01   4141876.41      171.73848  (14123117)              578865.01
4141876.41      190.15371  (12121918)
        578885.01   4141876.41      201.46656  (12121918)              578905.01
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        578925.01   4141876.41      210.46225  (14121218)              578945.01
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        578965.01   4141876.41      173.79670  (14121218)              578985.01
4141876.41      168.02270  (14020618)
        579005.01   4141876.41      159.03330  (14020618)              579025.01
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        579045.01   4141876.41      138.75130  (13012318)              579065.01
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        579085.01   4141876.41      139.27594  (13012318)              579105.01
4141876.41      132.84146  (13012318)
        579125.01   4141876.41      124.06378  (13012318)              579145.01
4141876.41      114.03777  (13012318)
        579165.01   4141876.41      103.47182  (13012318)              579185.01
4141876.41      104.28476  (16112618)
        579205.01   4141876.41      104.00693  (16112618)              579225.01
4141876.41      107.28076  (11121618)
        579245.01   4141876.41      108.94964  (11121618)              579265.01
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        579285.01   4141876.41      108.00453  (11121618)              579305.01
4141876.41      105.73750  (11121618)
        579325.01   4141876.41      102.43322  (11121618)              579345.01
4141876.41      100.27419  (17112518)
        578545.01   4141896.41      179.15034  (09010809)              578565.01
4141896.41      178.60033  (16121017)
        578585.01   4141896.41      178.52511  (12112718)              578605.01
4141896.41      192.29617  (12112718)
        578625.01   4141896.41      197.02048  (12112718)              578645.01
4141896.41      198.97200  (09112618)
        578665.01   4141896.41      199.64108  (09112618)              578685.01
4141896.41      189.39146  (09112618)
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        578745.01   4141896.41      162.70764  (11112817)                578765.01
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        578785.01   4141896.41      177.22739  (14103118)                578805.01
4141896.41      183.60857  (14103118)
        578825.01   4141896.41      177.20015  (14103118)                578845.01
4141896.41      160.81132  (14123117)
        578865.01   4141896.41      174.23828  (12121918)                578885.01
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        578905.01   4141896.41      184.06305  (14121218)                578925.01
4141896.41      195.62588  (14121218)
        578945.01   4141896.41      190.80823  (14121218)                578965.01
4141896.41      172.68098  (14121218)
        578985.01   4141896.41      156.51589  (14020618)                579005.01
4141896.41      154.00038  (14020618)
        579025.01   4141896.41      143.72506  (14020618)                579045.01
4141896.41      129.14611  (14020618)
        579065.01   4141896.41      129.52605  (13012318)                579085.01
4141896.41      132.08033  (13012318)
        579105.01   4141896.41      129.89082  (13012318)                579125.01
4141896.41      124.26179  (13012318)
        579145.01   4141896.41      116.45563  (13012318)                579165.01
4141896.41      107.34165  (13012318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 922
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        579225.01   4141896.41       97.61048  (16112618)                579245.01
4141896.41       98.88724  (11121618)
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579305.01 4141896.41 102.06923 (11121618) 579325.01
4141896.41 100.62501 (11121618)
579345.01 4141896.41 98.12931 (11121618) 578565.01
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578585.01 4141916.41 178.51087 (12112718) 578605.01
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578985.01 4141916.41 149.15710 (14121218) 579005.01
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4141916.41 109.58180 (13012318)
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578406.27 4141125.26 99.12922 (16020318) 578426.27
4141125.26 109.19528 (16020318)
578446.27 4141125.26 115.54348 (16020318) 578466.27
4141125.26 117.15656 (16020318)
578486.27 4141125.26 115.21374 (16020318) 578506.27
4141125.26 120.38949 (14112017)
578526.27 4141125.26 136.60844 (14112017) 578546.27
4141125.26 147.19840 (14112017)
578566.27 4141125.26 153.90434 (13111917) 578586.27
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4141125.26 163.96726 (17122818)

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        578646.27   4141125.26      166.81375  (14121217)               578666.27
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4141125.26      174.23006  (11010818)
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        579126.27   4141125.26      157.99566  (10120217)               579146.27
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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578783.62 4141929.59 161.52304 (14103118) 578803.62 4141929.59 166.14129 (14103118)
578823.62 4141929.59 159.88258 (14103118) 578843.62 4141929.59 146.13457 (14123117)

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        578983.62   4141929.59      150.61459  (14121218)               579003.62
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4141929.59      130.61664  (14020618)
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4141929.59      112.60488  (13012318)
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        578745.67   4141942.60      139.36776  (14010809)               578765.67
4141942.60      145.06264  (14103118)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP20  ***
                                      INCLUDING SOURCE(S):     GRADINGD    ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        579025.67   4141942.60      133.95475  (14020618)               579045.67
4141942.60      128.32237  (14020618)
        579065.67   4141942.60      118.34156  (14020618)               579085.67
4141942.60      106.03781  (14020618)
        579105.67   4141942.60      111.24036  (13012318)               579125.67
4141942.60      113.91231  (13012318)
        579145.67   4141942.60      112.98768  (13012318)               579165.67
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        579185.67   4141942.60      103.45311  (13012318)               578745.52
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4141955.60      151.94047  (14103118)
        578805.52   4141955.60      154.11202  (14103118)               578825.52
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        578885.52   4141955.60      151.69666  (12121918)               578905.52
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        579005.52   4141955.60      129.56542  (14121218)               579025.52
4141955.60      129.31576  (14020618)
        579045.52   4141955.60      126.29049  (14020618)               579065.52
4141955.60      118.42074  (14020618)
        579085.52   4141955.60      107.59809  (14020618)               579105.52
4141955.60      103.71953  (13012318)
        579125.52   4141955.60      108.53759  (13012318)               579145.52
4141955.60      109.70944  (13012318)
        579165.52   4141955.60      107.81663  (13012318)               579185.52
4141955.60      103.52664  (13012318)
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4141971.34      129.60667  (14123117)
        578865.22   4141971.34      128.08176  (12121918)               578885.22
4141971.34      143.41322  (12121918)
        578905.22   4141971.34      149.42395  (12121918)               578925.22
4141971.34      145.00926  (12121918)
        578945.22   4141971.34      153.41990  (14121218)               578965.22
4141971.34      153.78967  (14121218)
        578985.22   4141971.34      145.16850  (14121218)               579005.22
4141971.34      130.29219  (14121218)
        579025.22   4141971.34      122.81192  (14020618)               579045.22
4141971.34      122.76512  (14020618)
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4141971.34      108.72823  (14020618)
        579105.22   4141971.34       97.83705  (14020618)                579125.22
4141971.34      100.85668  (13012318)
        579145.22   4141971.34      104.42092  (13012318)                579165.22
4141971.34      104.79469  (13012318)
        579185.22   4141971.34      102.46479  (13012318)                578790.01
4141986.40      141.77656  (14103118)
        578810.01   4141986.40      140.77562  (14103118)                578830.01
4141986.40      131.59674  (14103118)
        578850.01   4141986.40      122.52365  (14123117)                578870.01
4141986.40      125.01684  (12121918)
        578890.01   4141986.40      138.63680  (12121918)                578910.01
4141986.40      143.44060  (12121918)
        578930.01   4141986.40      138.68628  (12121918)                578950.01
4141986.40      147.02200  (14121218)
        578970.01   4141986.40      147.66585  (14121218)                578990.01
4141986.40      140.01195  (14121218)
        579010.01   4141986.40      126.42654  (14121218)                579030.01
4141986.40      117.08388  (14020618)
        579050.01   4141986.40      118.16938  (14020618)                579070.01
4141986.40      114.29177  (14020618)
        579090.01   4141986.40      106.72125  (14020618)                579110.01
4141986.40       96.86754  (14020618)
        579130.01   4141986.40       94.35164  (13012318)                579150.01
4141986.40       99.11641  (13012318)
        579170.01   4141986.40      100.82460  (13012318)                579190.01
4141986.40       99.76650  (13012318)
        578810.54   4142001.46      135.13304  (14103118)                578830.54
4142001.46      125.97160  (14103118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 925
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP20  ***
                                    INCLUDING SOURCE(S):     GRADINGD    ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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578850.54 4142001.46 117.82673 (14123117) 578870.54 4142001.46 118.51599 (12121918)
578890.54 4142001.46 132.13421 (12121918) 578910.54 4142001.46 137.78651 (12121918)
578930.54 4142001.46 134.58212 (12121918) 578950.54 4142001.46 139.83249 (14121218)
578970.54 4142001.46 142.47714 (14121218) 578990.54 4142001.46 137.17140 (14121218)
579010.54 4142001.46 125.72372 (14121218) 579030.54 4142001.46 110.68349 (14121218)
579050.54 4142001.46 113.65830 (14020618) 579070.54 4142001.46 111.91456 (14020618)
579090.54 4142001.46 106.20318 (14020618) 579110.54 4142001.46 97.77205 (14020618)
579130.54 4142001.46 87.78615 (14020618) 579150.54 4142001.46 92.69652 (13012318)
579170.54 4142001.46 96.15616 (13012318) 579190.54 4142001.46 96.87082 (13012318)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

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

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578385.01 4141176.41 23.15352 (09110418) 578405.01

4141176.41 23.08691 (09110418)
578425.01 4141176.41 22.91645 (09110418) 578445.01
4141176.41 22.77253 (09110418)
578465.01 4141176.41 22.70146 (09110418) 578485.01
4141176.41 22.76562 (09110418)
578505.01 4141176.41 22.44189 (09110418) 578525.01
4141176.41 22.30863 (09110418)
578545.01 4141176.41 21.08885 (09110418) 578565.01
4141176.41 21.96506 (09110418)
578585.01 4141176.41 20.89905 (11122717) 578605.01
4141176.41 19.90830 (09110417)
578625.01 4141176.41 23.63013 (11122717) 578645.01
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578665.01 4141176.41 24.84771 (11122717) 578685.01
4141176.41 21.32194 (14122618)
578705.01 4141176.41 21.93433 (14122618) 578725.01
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4141176.41 26.92034 (14122618)
578865.01 4141176.41 27.92561 (14122618) 578885.01
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578905.01 4141176.41 28.58824 (14122618) 578925.01
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4141176.41 27.97420 (10021118)
578985.01 4141176.41 29.04312 (14111117) 579005.01
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579025.01 4141176.41 33.42014 (16010118) 579045.01
4141176.41 34.29671 (16010118)
579065.01 4141176.41 34.53222 (16010118) 579085.01
4141176.41 34.90208 (16010118)
579105.01 4141176.41 35.13844 (16010118) 579125.01
4141176.41 35.02380 (16010118)
579145.01 4141176.41 36.37429 (09120917) 579165.01
4141176.41 38.27123 (09120917)
579185.01 4141176.41 39.15207 (09120917) 579205.01
4141176.41 40.61184 (17122518)
579225.01 4141176.41 41.40105 (17121417) 578385.01
4141196.41 24.00396 (09110418)
578405.01 4141196.41 23.98007 (09110418) 578425.01
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578445.01 4141196.41 23.74152 (09110418) 578465.01
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578485.01 4141196.41 23.72104 (09110418) 578505.01
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578525.01 4141196.41 23.38109 (09110418) 578545.01

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        578685.01   4141196.41       21.32202  (14122618)                578705.01
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4141196.41       23.27289  (14122618)
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4141196.41       28.95429  (14122618)
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4141196.41       30.14294  (10021118)
        579005.01   4141196.41       31.24716  (10021118)                579025.01
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        579045.01   4141196.41       33.46639  (16010118)                579065.01
4141196.41       34.34073  (16010118)
        579085.01   4141196.41       35.86184  (16010118)                579105.01
4141196.41       36.91000  (16010118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                   HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                   HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                   HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	37.42241	(16010118)	579145.01	4141196.41	37.19201	(16010118)
579165.01	4141196.41	39.56159	(09120917)	579185.01	4141196.41	41.22946	(09120917)
579205.01	4141196.41	42.52522	(17122518)	579225.01	4141196.41	44.09956	(17122518)
579245.01	4141196.41	44.93002	(17121417)	578385.01	4141216.41	24.82920	(09110418)
578405.01	4141216.41	24.83270	(09110418)	578425.01	4141216.41	24.78564	(09110418)
578445.01	4141216.41	24.72535	(09110418)	578465.01	4141216.41	24.73641	(09110418)
578485.01	4141216.41	24.69739	(09110418)	578505.01	4141216.41	24.70143	(09110418)
578525.01	4141216.41	24.39119	(09110418)	578545.01	4141216.41	22.11400	(09110418)
578565.01	4141216.41	21.32668	(09110418)	578585.01	4141216.41	20.89137	(09110418)
578605.01	4141216.41	21.42695	(09110418)	578625.01	4141216.41	21.45068	(09110418)
578645.01	4141216.41	20.82534	(14122618)	578665.01	4141216.41	21.08416	(14122618)
578685.01	4141216.41	21.40879	(14122618)	578705.01	4141216.41	21.85901	(14122618)
578725.01	4141216.41	22.45515	(14122618)	578745.01	4141216.41	23.18629	(14122618)
578765.01	4141216.41	23.90316	(14122618)	578785.01	4141216.41	24.76513	(14122618)
578805.01	4141216.41	25.88235	(14122618)	578825.01	4141216.41	26.94011	(14122618)
578845.01	4141216.41	27.90959	(14122618)	578925.01	4141216.41	30.07304	(14122618)
578945.01	4141216.41	30.41732	(14122618)	578965.01	4141216.41	30.38155	(14122618)
578985.01	4141216.41	30.82928	(14122618)	579005.01	4141216.41	31.04803	(14122618)
579025.01	4141216.41	31.68908	(16010118)	579045.01	4141216.41	33.23823	(16010118)
579065.01	4141216.41	34.81456	(16010118)	579085.01	4141216.41	36.67181	(16010118)
579105.01	4141216.41	38.33085	(16010118)	579125.01	4141216.41	39.47955	(16010118)

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        579225.01   4141216.41       46.56229  (17122518)                579245.01
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        578385.01   4141236.41       25.87512  (09110418)                578405.01
4141236.41       25.40924  (09110418)
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4141236.41       25.64785  (09110418)
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4141236.41       22.41638  (09110418)
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4141236.41       33.18440  (14122618)
        579045.01   4141236.41       33.35249  (14111117)                579065.01
4141236.41       35.38380  (16010118)
        579085.01   4141236.41       37.36403  (16010118)                579105.01
4141236.41       39.45340  (16010118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 928
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
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                HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579125.01   4141236.41       41.24855  (16010118)               579145.01
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        579165.01   4141236.41       42.92895  (16010118)               579185.01
4141236.41       44.69048  (09120917)
        579205.01   4141236.41       47.16805  (09120917)               579225.01
4141236.41       49.16366  (17122518)
        579245.01   4141236.41       50.87635  (17122518)               578385.01
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        578405.01   4141256.41       26.20753  (09110418)               578425.01
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        578445.01   4141256.41       26.41297  (09110418)               578465.01
4141256.41       26.57921  (09110418)
        578485.01   4141256.41       26.58893  (09110418)               578505.01
4141256.41       26.30154  (09110418)
        578525.01   4141256.41       24.08616  (09110418)               578545.01
4141256.41       25.94397  (09110418)
        578565.01   4141256.41       23.39843  (09110418)               578585.01
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        578605.01   4141256.41       22.12360  (09110418)               578625.01
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        578645.01   4141256.41       23.39780  (09110418)               578665.01
4141256.41       22.62374  (09110418)
        578685.01   4141256.41       22.45693  (09110418)               578705.01
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        578725.01   4141256.41       22.51412  (14122618)               578745.01
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        578765.01   4141256.41       23.80721  (11122717)               578785.01
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        578805.01   4141256.41       25.29971  (14122618)               578965.01
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        578985.01   4141256.41       33.29263  (14122618)               579005.01
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        579025.01   4141256.41       35.01984  (14122618)               579045.01
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        579145.01   4141256.41       44.59975  (16010118)                579165.01
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        579185.01   4141256.41       46.39302  (16010118)                579205.01
4141256.41       49.50719  (09120917)
        579225.01   4141256.41       51.89644  (09120917)                579245.01
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4141276.41       24.45029  (14122618)
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4141276.41       35.37796  (14122618)
        579025.01   4141276.41       36.55135  (14122618)                579045.01
4141276.41       37.55458  (14122618)
        579065.01   4141276.41       38.40332  (14122618)                579085.01
4141276.41       38.87958  (14122618)
        579105.01   4141276.41       40.77437  (16010118)                579125.01
4141276.41       43.58438  (16010118)
        579145.01   4141276.41       46.32490  (16010118)                579165.01
4141276.41       48.66616  (16010118)
        579185.01   4141276.41       50.22286  (16010118)                579205.01
4141276.41       51.39605  (09120917)
        579225.01   4141276.41       55.14390  (09120917)                579245.01
4141276.41       58.08944  (17122518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141276.41	60.49047	(17122518)	578385.01	4141296.41	27.10991	(09110418)
578405.01	4141296.41	23.84807	(09110418)	578425.01	4141296.41	27.68391	(09110418)
578445.01	4141296.41	27.97417	(09110418)	578465.01	4141296.41	28.02303	(09110418)
578485.01	4141296.41	28.15048	(09110418)	578505.01	4141296.41	28.33681	(09110418)
578525.01	4141296.41	28.39196	(09110418)	578545.01	4141296.41	28.46750	(09110418)
578565.01	4141296.41	27.40100	(09110418)	578585.01	4141296.41	25.54596	(09110418)
578605.01	4141296.41	25.33723	(09110418)	578625.01	4141296.41	24.47562	(09110418)
578645.01	4141296.41	24.27897	(09110418)	578665.01	4141296.41	25.01164	(09110418)
578685.01	4141296.41	25.20811	(09110418)	578705.01	4141296.41	24.87004	(09110418)
578725.01	4141296.41	24.70250	(09110418)	578745.01	4141296.41	24.87814	(09110418)
579005.01	4141296.41	36.21489	(14122618)	579025.01	4141296.41	37.69826	(14122618)
579045.01	4141296.41	39.09796	(14122618)	579065.01	4141296.41	40.33885	(14122618)

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        579085.01   4141296.41       41.43822  (14122618)                579105.01
4141296.41       42.29694  (14122618)
        579125.01   4141296.41       44.30339  (16010118)                579145.01
4141296.41       47.53538  (16010118)
        579165.01   4141296.41       50.76940  (16010118)                579185.01
4141296.41       53.49308  (16010118)
        579205.01   4141296.41       55.25272  (16010118)                579225.01
4141296.41       57.89424  (09120917)
        579245.01   4141296.41       61.71587  (09120917)                579265.01
4141296.41       65.73619  (17122518)
        579285.01   4141296.41       68.04437  (17121417)                578385.01
4141316.41       27.11103  (09110418)
        578405.01   4141316.41       27.75241  (09110418)                578425.01
4141316.41       24.63000  (09110418)
        578445.01   4141316.41       28.31997  (09110418)                578465.01
4141316.41       29.05071  (09110418)
        578485.01   4141316.41       29.18407  (09110418)                578505.01
4141316.41       28.13555  (09110418)
        578525.01   4141316.41       26.47842  (09110418)                578545.01
4141316.41       27.23063  (09110418)
        578565.01   4141316.41       26.66259  (09110418)                578585.01
4141316.41       26.68092  (09110418)
        578605.01   4141316.41       26.50843  (09110418)                578625.01
4141316.41       25.97010  (09110418)
        578645.01   4141316.41       24.95221  (09110418)                578665.01
4141316.41       25.30758  (09110418)
        578685.01   4141316.41       25.77849  (09110418)                578705.01
4141316.41       26.03842  (09110418)
        578725.01   4141316.41       25.85617  (09110418)                579025.01
4141316.41       38.55072  (14122618)
        579045.01   4141316.41       40.23931  (14122618)                579065.01
4141316.41       41.90872  (14122618)
        579085.01   4141316.41       43.56341  (14122618)                579105.01
4141316.41       45.10096  (14122618)
        579125.01   4141316.41       46.32795  (14122618)                579145.01
4141316.41       48.41569  (16010118)
        579165.01   4141316.41       52.29775  (16010118)                579185.01
4141316.41       56.11068  (16010118)
        579205.01   4141316.41       59.36555  (16010118)                579225.01
4141316.41       61.40005  (16010118)
        579245.01   4141316.41       65.96803  (09120917)                579265.01
4141316.41       71.06494  (17122518)
        579285.01   4141316.41       74.67261  (17122518)                578385.01
4141336.41       26.97871  (09110418)
        578405.01   4141336.41       27.88460  (09110418)                578425.01
4141336.41       28.63451  (09110418)
        578445.01   4141336.41       27.30556  (09110418)                578465.01
4141336.41       25.72516  (09110418)
        578485.01   4141336.41       30.00910  (09110418)                578505.01
4141336.41       30.44613  (09110418)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578525.01	4141336.41	27.61775	(09110418)	578545.01	4141336.41	27.75715	(09110418)
578565.01	4141336.41	27.91764	(09110418)	578585.01	4141336.41	27.96888	(09110418)
578605.01	4141336.41	27.85219	(09110418)	578625.01	4141336.41	27.12899	(09110418)
578645.01	4141336.41	27.09068	(09110418)	578665.01	4141336.41	26.29946	(14122618)
578685.01	4141336.41	26.40479	(09110418)	578705.01	4141336.41	26.62986	(09110418)
579025.01	4141336.41	39.26481	(14122618)	579045.01	4141336.41	41.17809	(14122618)
579065.01	4141336.41	43.18651	(14122618)	579085.01	4141336.41	45.26022	(14122618)
579105.01	4141336.41	47.32665	(14122618)	579125.01	4141336.41	49.31571	(14122618)
579145.01	4141336.41	51.13349	(14122618)	579165.01	4141336.41	53.43003	(16010118)
579185.01	4141336.41	58.05644	(16010118)	579205.01	4141336.41	62.60570	(16010118)
579225.01	4141336.41	66.93784	(16010118)	579245.01			

4141336.41 69.53173 (16010118)
579265.01 4141336.41 76.44527 (09120917) 579285.01
4141336.41 83.17328 (17122518)
578385.01 4141356.41 26.73590 (09122618) 578405.01
4141356.41 27.08835 (09110418)
578425.01 4141356.41 28.00225 (09110418) 578445.01
4141356.41 29.02563 (09110418)
578465.01 4141356.41 29.85474 (09110418) 578485.01
4141356.41 27.02068 (09110418)
578505.01 4141356.41 27.87969 (09110418) 578525.01
4141356.41 28.73315 (09110418)
578545.01 4141356.41 29.06641 (09110418) 578565.01
4141356.41 29.18661 (09110418)
578585.01 4141356.41 29.38933 (09110418) 578605.01
4141356.41 29.22429 (09110418)
578625.01 4141356.41 28.98526 (09110418) 578645.01
4141356.41 28.66992 (09110418)
578665.01 4141356.41 27.76331 (09110418) 578685.01
4141356.41 28.12761 (14122618)
579025.01 4141356.41 39.96137 (14122618) 579045.01
4141356.41 42.04300 (14122618)
579065.01 4141356.41 44.25807 (14122618) 579085.01
4141356.41 46.61557 (14122618)
579105.01 4141356.41 49.09149 (14122618) 579125.01
4141356.41 51.68146 (14122618)
579145.01 4141356.41 54.30966 (14122618) 579165.01
4141356.41 56.81564 (14122618)
579185.01 4141356.41 59.48857 (16010118) 579205.01
4141356.41 65.19453 (16010118)
579225.01 4141356.41 71.23449 (16010118) 579245.01
4141356.41 76.77752 (16010118)
579265.01 4141356.41 81.97629 (09120917) 579285.01
4141356.41 91.61512 (17122518)
579305.01 4141356.41 98.03564 (17122518) 578385.01
4141376.41 27.34982 (09122618)
578405.01 4141376.41 25.57248 (09122618) 578425.01
4141376.41 26.00210 (09122618)
578445.01 4141376.41 26.28783 (09122618) 578465.01
4141376.41 27.15015 (09110418)
578485.01 4141376.41 28.74553 (09110418) 578505.01
4141376.41 28.93437 (09110418)
578525.01 4141376.41 28.75413 (09110418) 578545.01
4141376.41 30.32627 (09110418)
578565.01 4141376.41 30.64924 (09110418) 578585.01
4141376.41 30.68781 (09110418)
578605.01 4141376.41 30.60611 (09110418) 578625.01
4141376.41 30.54311 (09110418)
578645.01 4141376.41 30.14267 (09110418) 578665.01
4141376.41 29.61493 (09110418)
578685.01 4141376.41 30.07370 (14122618) 579005.01

4141376.41 40.79759 (09110418)
  579025.01 4141376.41 41.98290 (09110418) 579045.01
4141376.41 43.20749 (09110418)
  579065.01 4141376.41 45.23827 (14122618) 579085.01
4141376.41 47.82385 (14122618)
  579105.01 4141376.41 50.56096 (14122618) 579125.01
4141376.41 53.53437 (14122618)
  579145.01 4141376.41 56.76942 (14122618) 579165.01
4141376.41 60.26000 (14122618)
  579185.01 4141376.41 63.90257 (14122618) 579205.01
4141376.41 67.50458 (14122618)
  579225.01 4141376.41 74.46523 (16010118) 579245.01
4141376.41 82.46302 (16010118)
  579265.01 4141376.41 90.05141 (16010118) 579285.01
4141376.41 99.45486 (17122518)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579305.01	4141376.41	113.32344	(17122518)	578385.01	4141396.41	25.57777	(09122618)
578405.01	4141396.41	26.24355	(09122618)	578425.01	4141396.41	28.12026	(09122618)
578445.01	4141396.41	27.46066	(09122618)	578465.01	4141396.41	27.79496	(09122618)

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        578485.01   4141396.41       28.14810  (09122618)                578505.01
4141396.41       29.33938  (09110418)
        578525.01   4141396.41       29.84937  (09110418)                578545.01
4141396.41       31.33260  (09110418)
        578565.01   4141396.41       32.12662  (09110418)                578585.01
4141396.41       32.68033  (09110418)
        578605.01   4141396.41       32.86473  (09110418)                578625.01
4141396.41       32.42490  (09110418)
        578645.01   4141396.41       32.04635  (09110418)                578665.01
4141396.41       31.49398  (09110418)
        579005.01   4141396.41       43.48914  (09110418)                579025.01
4141396.41       45.01296  (09110418)
        579045.01   4141396.41       46.64833  (09110418)                579065.01
4141396.41       48.41249  (09110418)
        579085.01   4141396.41       50.30309  (09110418)                579105.01
4141396.41       52.29582  (09110418)
        579125.01   4141396.41       55.33641  (14122618)                579145.01
4141396.41       60.10572  (14122016)
        579165.01   4141396.41       65.68517  (14122016)                579185.01
4141396.41       71.94824  (14122016)
        579205.01   4141396.41       78.86559  (14122016)                579225.01
4141396.41       85.82563  (14122016)
        579245.01   4141396.41       91.52923  (14122016)                579265.01
4141396.41       97.57385  (16010118)
        579285.01   4141396.41      109.07204  (16010118)                579305.01
4141396.41      128.62909  (17122518)
        578385.01   4141416.41       25.76217  (09122618)                578405.01
4141416.41       26.77716  (09122618)
        578425.01   4141416.41       27.41007  (09122618)                578445.01
4141416.41       28.16952  (09122618)
        578465.01   4141416.41       28.87482  (09122618)                578485.01
4141416.41       29.31681  (09122618)
        578505.01   4141416.41       30.15050  (09122618)                578525.01
4141416.41       30.63126  (09110418)
        578545.01   4141416.41       31.93397  (09110418)                578565.01
4141416.41       33.21168  (09110418)
        578585.01   4141416.41       34.25619  (09110418)                578605.01
4141416.41       35.01992  (09110418)
        578625.01   4141416.41       35.33332  (09110418)                578645.01
4141416.41       35.16577  (09110418)
        578665.01   4141416.41       33.84727  (09110418)                579025.01
4141416.41       47.78811  (09110418)
        579045.01   4141416.41       49.77187  (09110418)                579065.01
4141416.41       51.95770  (09110418)
        579085.01   4141416.41       54.44113  (09110418)                579105.01
4141416.41       57.15871  (09110418)
        579125.01   4141416.41       60.22768  (09110418)                579145.01
4141416.41       64.85927  (14122016)
        579165.01   4141416.41       71.64385  (14122016)                579185.01
4141416.41       79.57852  (14122016)
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        579205.01   4141416.41       88.85762  (14122016)                579225.01
4141416.41      100.02905  (14122016)
        579245.01   4141416.41      112.75395  (14122016)                579265.01
4141416.41      126.88515  (14122016)
        579285.01   4141416.41      138.34028  (14122016)                579305.01
4141416.41      143.02673  (17122518)
        578385.01   4141436.41       25.53076  (09122618)                578405.01
4141436.41       26.52009  (09122618)
        578425.01   4141436.41       27.51835  (09122618)                578445.01
4141436.41       28.39797  (09122618)
        578465.01   4141436.41       29.18531  (09122618)                578485.01
4141436.41       29.83767  (09122618)
        578505.01   4141436.41       31.24511  (09122618)                578525.01
4141436.41       31.72184  (09122618)
        578545.01   4141436.41       32.65202  (09122618)                578565.01
4141436.41       33.70176  (09110418)
        578585.01   4141436.41       35.25298  (09110418)                578605.01
4141436.41       36.61610  (09110418)
        578625.01   4141436.41       37.55587  (09110418)                578645.01
4141436.41       38.16473  (09110418)
        579025.01   4141436.41       50.50306  (09110418)                579045.01
4141436.41       52.83259  (09110418)
        579065.01   4141436.41       55.43555  (09110418)                579085.01
4141436.41       58.42030  (09110418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 932
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                   HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                   HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                   HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)   CONC   (YYMMDDHH)
- -
579105.01   4141436.41   61.75339 (09110418)   579125.01
4141436.41   65.59559 (09110418)
579145.01   4141436.41   70.43209 (14122016)   579165.01
4141436.41   78.23969 (14122016)
579185.01   4141436.41   87.50980 (14122016)   579205.01
4141436.41   98.60351 (14122016)
579225.01   4141436.41   111.79843 (14122016)   579245.01
4141436.41   128.05082 (14122016)
579265.01   4141436.41   146.91734 (14122016)   579285.01
4141436.41   125.37697 (15010618)
579305.01   4141436.41   115.02740 (15010618)   579325.01
4141436.41   125.83924 (15122816)
578385.01   4141456.41   24.84682 (09122618)   578405.01
4141456.41   25.98288 (09122618)
578425.01   4141456.41   27.14300 (09122618)   578445.01
4141456.41   28.26951 (09122618)
578465.01   4141456.41   29.33110 (09122618)   578485.01
4141456.41   30.12310 (09122618)
578505.01   4141456.41   31.84818 (09122618)   578525.01
4141456.41   32.12722 (09122618)
578545.01   4141456.41   34.09176 (09122618)   578565.01
4141456.41   34.86823 (09122618)
578585.01   4141456.41   35.47459 (09122618)   578605.01
4141456.41   37.26036 (09110418)
578625.01   4141456.41   39.14849 (09110418)   578645.01
4141456.41   40.40648 (09110418)
579045.01   4141456.41   56.10217 (09110418)   579065.01
4141456.41   59.15872 (09110418)
579085.01   4141456.41   62.57318 (09110418)   579105.01
4141456.41   66.51637 (09110418)
579125.01   4141456.41   71.16744 (09110418)   579145.01
4141456.41   77.72279 (14122016)
579165.01   4141456.41   86.66264 (14122016)   579185.01
4141456.41   97.37066 (14122016)
579205.01   4141456.41   109.95253 (14122016)   579225.01
4141456.41   125.86563 (14122016)
579245.01   4141456.41   115.11112 (12041018)   579265.01
4141456.41   138.90078 (15010618)
578385.01   4141476.41   23.67436 (09122618)   578405.01
4141476.41   24.88480 (09122618)
578425.01   4141476.41   26.19006 (09122618)   578445.01
4141476.41   27.56174 (09122618)
578465.01   4141476.41   28.89523 (09122618)   578485.01
4141476.41   29.75919 (09122618)
578505.01   4141476.41   31.51894 (09122618)   578525.01
4141476.41   31.76031 (09122618)
578545.01   4141476.41   34.69961 (09122618)   578565.01

4141476.41   36.08759 (09122618)
        578585.01   4141476.41   37.42056 (09122618)   578605.01
4141476.41   38.49758 (09122618)
        578625.01   4141476.41   39.52313 (09122618)   578645.01
4141476.41   40.73192 (09110418)
        579065.01   4141476.41   63.43155 (09110418)   579085.01
4141476.41   67.51226 (09110418)
        579105.01   4141476.41   72.17835 (09110418)   579125.01
4141476.41   77.91911 (14122016)
        579145.01   4141476.41   87.13095 (14122016)   579165.01
4141476.41   98.16291 (14122016)
        579185.01   4141476.41   108.97846 (14122016)   579205.01
4141476.41   124.54502 (14122016)
        579225.01   4141476.41   150.87408 (16112616)   578385.01
4141496.41   22.57897 (16010517)
        578405.01   4141496.41   23.46192 (16010517)   578425.01
4141496.41   24.58161 (16010517)
        578445.01   4141496.41   26.13321 (09122618)   578465.01
4141496.41   27.53638 (09122618)
        578485.01   4141496.41   28.68176 (09122618)   578505.01
4141496.41   30.63617 (09122618)
        578525.01   4141496.41   31.15601 (09122618)   578545.01
4141496.41   34.23280 (09122618)
        578565.01   4141496.41   36.32300 (09122618)   578585.01
4141496.41   38.18171 (09122618)
        578605.01   4141496.41   40.24289 (09122618)   578625.01
4141496.41   42.14993 (09122618)
        578645.01   4141496.41   43.34824 (09122618)   579085.01
4141496.41   73.84789 (09110418)
        579105.01   4141496.41   80.78038 (12010417)   579125.01
4141496.41   89.31881 (12010417)
        579145.01   4141496.41   100.45709 (12010417)   579165.01
4141496.41   115.57793 (16112616)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21 ***
                                   INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                  HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                  HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                  HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026

, HAUL0027   , HAUL0028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141496.41	130.10260	(16112616)	579205.01	4141496.41	120.39186	(15010618)
578385.01	4141516.41	22.81632	(12010417)	578405.01	4141516.41	23.01727	(12010417)
578425.01	4141516.41	23.55358	(12010417)	578445.01	4141516.41	24.78373	(16010517)
578465.01	4141516.41	26.02132	(16010517)	578485.01	4141516.41	26.92935	(16010517)
578505.01	4141516.41	28.82759	(09122618)	578525.01	4141516.41	29.87195	(16010517)
578545.01	4141516.41	32.74092	(09122618)	578565.01	4141516.41	34.58890	(09122618)
578585.01	4141516.41	37.30062	(09122618)	578605.01	4141516.41	40.02074	(09122618)
578625.01	4141516.41	42.18484	(09122618)	578645.01	4141516.41	44.62158	(09122618)
579085.01	4141516.41	85.72731	(12010417)	579105.01	4141516.41	95.49863	(12010417)
579125.01	4141516.41	107.83700	(12010417)	579145.01	4141516.41	139.71383	(16112616)
579165.01	4141516.41	133.94839	(16112616)	578385.01	4141536.41	23.36065	(12010417)
578405.01	4141536.41	23.94489	(12010417)	578425.01	4141536.41	24.61095	(12010417)
578445.01	4141536.41	25.21527	(12010417)	578465.01	4141536.41	26.15855	(12010417)
578485.01	4141536.41	27.19208	(12010417)	578505.01	4141536.41	28.25717	(12010417)
578525.01	4141536.41	29.52886	(12010417)	578545.01	4141536.41	30.65106	(12010417)
578565.01	4141536.41	32.39000	(16010517)	578585.01	4141536.41	34.50570	(09122618)
578605.01	4141536.41	37.53539	(09122618)	578625.01	4141536.41	40.40343	(09122618)
578645.01	4141536.41	43.79986	(09122618)	578665.01	4141536.41	47.63708	(09122618)
579105.01	4141536.41	127.54432	(16112616)	579125.01	4141536.41	144.92902	(16112616)

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        579185.01   4141536.41      126.96889  (10122516)                578385.01
4141556.41       23.45778  (12010417)
        578405.01   4141556.41       24.29415  (12010417)                578425.01
4141556.41       25.18687  (12010417)
        578445.01   4141556.41       25.82128  (12010417)                578465.01
4141556.41       26.62997  (12010417)
        578485.01   4141556.41       27.75486  (12010417)                578505.01
4141556.41       28.96634  (12010417)
        578525.01   4141556.41       30.39301  (12010417)                578545.01
4141556.41       31.74226  (12010417)
        578565.01   4141556.41       33.28917  (12010417)                578585.01
4141556.41       35.04420  (12010417)
        578605.01   4141556.41       36.98523  (12010417)                578625.01
4141556.41       39.11751  (12010417)
        578645.01   4141556.41       41.51411  (12010417)                578665.01
4141556.41       44.91918  (09122618)
        578685.01   4141556.41       49.63309  (09122618)                579165.01
4141556.41      127.31616  (14121716)
        579185.01   4141556.41      139.84235  (14121716)                579205.01
4141556.41      109.47770  (14121716)
        578385.01   4141576.41       23.61503  (14120117)                578405.01
4141576.41       24.41958  (14120117)
        578425.01   4141576.41       25.34129  (14120117)                578445.01
4141576.41       26.37548  (14120117)
        578465.01   4141576.41       27.43880  (14120117)                578485.01
4141576.41       28.63720  (14120117)
        578505.01   4141576.41       30.00162  (14120117)                578525.01
4141576.41       31.48225  (14120117)
        578545.01   4141576.41       32.94252  (14120117)                578565.01
4141576.41       34.60985  (14120117)
        578585.01   4141576.41       36.45215  (14120117)                578605.01
4141576.41       38.50862  (14120117)
        578625.01   4141576.41       40.83293  (14120117)                578645.01
4141576.41       43.49332  (14120117)
        578665.01   4141576.41       46.48996  (14120117)                578685.01
4141576.41       49.95357  (14120117)
        578705.01   4141576.41       54.05251  (14120117)                579145.01
4141576.41      132.88121  (14121716)
        579165.01   4141576.41      127.31928  (14121716)                579185.01
4141576.41       96.91367  (16121017)
        579205.01   4141576.41       82.96441  (09112618)                579225.01
4141576.41       73.79418  (09112618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                  PAGE 934
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***

INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579245.01	4141576.41	67.31698	(09112618)	579265.01	4141576.41	63.71110	(09112618)
578385.01	4141596.41	25.26589	(14120117)	578405.01	4141596.41	26.23875	(14120117)
578425.01	4141596.41	27.24469	(14120117)	578445.01	4141596.41	28.36534	(14120117)
578465.01	4141596.41	29.54761	(14120117)	578485.01	4141596.41	30.83455	(14120117)
578505.01	4141596.41	32.34740	(14120117)	578525.01	4141596.41	33.94520	(14120117)
578545.01	4141596.41	35.60013	(14120117)	578565.01	4141596.41	37.48977	(14120117)
578585.01	4141596.41	39.54471	(14120117)	578605.01	4141596.41	41.80823	(14120117)
578625.01	4141596.41	44.36317	(14120117)	578645.01	4141596.41	47.26389	(14120117)
578665.01	4141596.41	50.56511	(14120117)	578685.01	4141596.41	54.31055	(14120117)
578705.01	4141596.41	58.52829	(14120117)	578725.01	4141596.41	63.48810	(14120117)
578745.01	4141596.41	69.30519	(14120117)	579105.01	4141596.41	144.58821	(14121716)
579145.01	4141596.41	110.76542	(14121716)	579165.01	4141596.41	89.07201	(16121017)
579185.01	4141596.41	77.44190	(16120918)	579205.01	4141596.41	69.36066	(16120918)
579225.01	4141596.41	63.21691	(09112618)	579245.01	4141596.41	59.23901	(09112618)
579265.01	4141596.41	57.51782	(09112618)	579285.01			

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4141596.41       58.16340  (09112618)
        579305.01   4141596.41       62.17968  (09112618)                579325.01
4141596.41       69.79424  (09112618)
        579345.01   4141596.41       83.49740  (14122016)                578385.01
4141616.41       26.36928  (14120117)
        578405.01   4141616.41       27.41670  (14120117)                578425.01
4141616.41       28.51017  (14120117)
        578445.01   4141616.41       29.67780  (14120117)                578465.01
4141616.41       30.92524  (14120117)
        578485.01   4141616.41       32.28619  (14120117)                578505.01
4141616.41       33.78968  (14120117)
        578525.01   4141616.41       35.46703  (14120117)                578545.01
4141616.41       37.18016  (14120117)
        578565.01   4141616.41       39.12902  (14120117)                578585.01
4141616.41       41.24574  (14120117)
        578605.01   4141616.41       43.58399  (14120117)                578625.01
4141616.41       46.18016  (14120117)
        578645.01   4141616.41       49.04392  (14120117)                578665.01
4141616.41       52.28198  (14120117)
        578685.01   4141616.41       55.95041  (14120117)                578705.01
4141616.41       60.06935  (14120117)
        578725.01   4141616.41       64.65406  (14120117)                578745.01
4141616.41       69.88697  (14120117)
        579065.01   4141616.41      118.52031  (17111017)                579085.01
4141616.41      137.78120  (14121716)
        579105.01   4141616.41      120.14055  (14121716)                579125.01
4141616.41       96.91363  (14121716)
        579165.01   4141616.41       73.10915  (16120918)                579185.01
4141616.41       66.07907  (16120918)
        579205.01   4141616.41       60.18447  (16120918)                579225.01
4141616.41       55.71264  (09112618)
        579245.01   4141616.41       53.35085  (09112618)                579265.01
4141616.41       52.85985  (09112618)
        579285.01   4141616.41       54.23444  (09112618)                579305.01
4141616.41       58.38477  (09112618)
        579325.01   4141616.41       65.52620  (09112618)                579345.01
4141616.41       77.05969  (09112618)
        578385.01   4141636.41       26.89588  (14120117)                578405.01
4141636.41       27.93788  (14120117)
        578425.01   4141636.41       29.02088  (14120117)                578445.01
4141636.41       30.19286  (14120117)
        578465.01   4141636.41       31.44674  (14120117)                578485.01
4141636.41       32.75861  (14120117)
        578505.01   4141636.41       34.21874  (14120117)                578525.01
4141636.41       35.80968  (14120117)
        578545.01   4141636.41       37.49437  (14120117)                578565.01
4141636.41       39.35478  (14120117)
        578585.01   4141636.41       41.40352  (14120117)                578605.01
4141636.41       43.62618  (14120117)
        578625.01   4141636.41       46.05102  (14120117)                578645.01
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21 ***
                                    INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                   HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                   HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                   HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        578665.01   4141636.41   51.71695 (14120117)   578685.01
4141636.41   55.09051 (14120117)
        578705.01   4141636.41   58.88553 (14120117)   578725.01
4141636.41   63.08828 (14120117)
        579045.01   4141636.41   149.71639 (14121716)   579065.01
4141636.41   129.58903 (14121716)
        579085.01   4141636.41   104.39291 (14121716)   579105.01
4141636.41   87.86941 (16121017)
        579125.01   4141636.41   76.53849 (16121017)   579165.01
4141636.41   63.00530 (16120918)
        579185.01   4141636.41   57.67699 (16120918)   579205.01
4141636.41   53.31043 (16120918)
        579225.01   4141636.41   50.12099 (09112618)   579245.01
4141636.41   48.88776 (09112618)
        579265.01   4141636.41   49.19837 (09112618)   579285.01
4141636.41   51.20953 (09112618)
        579305.01   4141636.41   55.32586 (09112618)   579325.01
4141636.41   61.79745 (09112618)
        579345.01   4141636.41   71.65120 (09112618)   578385.01
4141656.41   26.82973 (14120117)

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        578405.01   4141656.41       27.78361  (14120117)               578425.01
4141656.41       28.77148  (14120117)
        578445.01   4141656.41       29.86442  (14120117)               578465.01
4141656.41       31.05523  (14120117)
        578485.01   4141656.41       32.28303  (14120117)               578505.01
4141656.41       33.63175  (14120117)
        578525.01   4141656.41       35.03372  (14120117)               578545.01
4141656.41       36.55526  (14120117)
        578565.01   4141656.41       38.21300  (14120117)               578585.01
4141656.41       40.01350  (14120117)
        578605.01   4141656.41       41.97412  (14120117)               578625.01
4141656.41       44.13393  (14120117)
        578645.01   4141656.41       46.46708  (14120117)               578665.01
4141656.41       49.09573  (10012218)
        578685.01   4141656.41       52.18155  (10012218)               578705.01
4141656.41       55.57980  (10012218)
        578725.01   4141656.41       59.50626  (10012218)               579005.01
4141656.41      126.26138  (17111017)
        579025.01   4141656.41      139.77929  (14121716)               579045.01
4141656.41      112.23843  (14121716)
        579065.01   4141656.41       92.75695  (16121017)               579085.01
4141656.41       80.98827  (16121017)
        579105.01   4141656.41       71.42515  (16121017)               579125.01
4141656.41       65.23037  (16120918)
        579145.01   4141656.41       60.04592  (16120918)               579185.01
4141656.41       51.30818  (16120918)
        579205.01   4141656.41       48.07975  (16120918)               579225.01
4141656.41       45.91211  (16120918)
        579245.01   4141656.41       45.41240  (09112618)               579265.01
4141656.41       46.23525  (09112618)
        579285.01   4141656.41       48.57010  (09112618)               579305.01
4141656.41       52.64077  (09112618)
        579325.01   4141656.41       58.48472  (16120918)               579345.01
4141656.41       67.02079  (09112618)
        578385.01   4141676.41       26.12451  (14120117)               578405.01
4141676.41       26.96111  (14120117)
        578425.01   4141676.41       27.78669  (14120117)               578445.01
4141676.41       28.77071  (14120117)
        578465.01   4141676.41       29.83284  (14120117)               578485.01
4141676.41       30.89116  (14120117)
        578505.01   4141676.41       32.04770  (14120117)               578525.01
4141676.41       33.23676  (10012218)
        578545.01   4141676.41       34.58388  (10012218)               578565.01
4141676.41       36.03154  (10012218)
        578585.01   4141676.41       37.59299  (10012218)               578605.01
4141676.41       39.27309  (10012218)
        578625.01   4141676.41       41.11262  (10012218)               578645.01
4141676.41       43.13614  (10012218)
        578665.01   4141676.41       46.24245  (16112616)               578685.01
4141676.41       50.29601  (16112616)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578705.01	4141676.41	54.91080	(16112616)	578985.01	4141676.41	127.41388	(14121716)
579005.01	4141676.41	120.66328	(14121716)	579025.01	4141676.41	98.12257	(14121716)
579045.01	4141676.41	85.02024	(16121017)	579065.01	4141676.41	75.06241	(16121017)
579085.01	4141676.41	66.86358	(16121017)	579105.01	4141676.41	61.67812	(16120918)
579125.01	4141676.41	57.19459	(16120918)	579145.01	4141676.41	53.12018	(16120918)
579165.01	4141676.41	49.47474	(16120918)	579185.01	4141676.41	46.36507	(16120918)
579205.01	4141676.41	44.00715	(16120918)	579225.01	4141676.41	42.64785	(16120918)
579245.01	4141676.41	42.59273	(09112618)	579265.01	4141676.41	43.86519	(09112618)
579285.01	4141676.41	46.37192	(16120918)	579305.01	4141676.41	50.31683	(16120918)
579325.01	4141676.41	56.10401	(16120918)	579345.01	4141676.41	64.07657	(16120918)
578385.01	4141696.41	24.87765	(10012218)	578405.01			

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        578505.01   4141696.41       30.05871  (10012218)                578525.01
4141696.41       31.08201  (10012218)
        578565.01   4141696.41       33.28141  (10012218)                578585.01
4141696.41       34.53511  (16112616)
        578605.01   4141696.41       36.92685  (16112616)                578625.01
4141696.41       39.52822  (16112616)
        578645.01   4141696.41       42.30693  (16112616)                578665.01
4141696.41       45.41659  (16112616)
        578685.01   4141696.41       48.94107  (16112616)                578945.01
4141696.41      139.68502  (14121716)
        578965.01   4141696.41      130.66693  (16032118)                578985.01
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        579005.01   4141696.41       88.45744  (16121017)                579025.01
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        579165.01   4141696.41       44.77773  (16120918)                579185.01
4141696.41       42.41880  (16120918)
        579205.01   4141696.41       40.76637  (16120918)                579225.01
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        579245.01   4141696.41       40.38378  (16120918)                579265.01
4141696.41       41.95531  (16120918)
        579285.01   4141696.41       44.71174  (16120918)                579305.01
4141696.41       48.52415  (16120918)
        579325.01   4141696.41       53.94481  (16120918)                579345.01
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        578385.01   4141716.41       23.49584  (10012218)                578405.01
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        578645.01   4141716.41       41.62320  (14120318)                578665.01
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4141716.41       39.22803  (16120918)
        579205.01   4141716.41       38.14739  (16120918)                579225.01
4141716.41       37.91528  (16120918)
        579245.01   4141716.41       38.57178  (16120918)                579265.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 937
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                   HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                   HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                   HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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4141716.41       58.24120  (16120918)
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        578465.01   4141736.41       25.82239  (10122809)               578485.01
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        578645.01   4141736.41       44.48621  (09122918)               578665.01
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        578865.01   4141736.41       96.74353  (15122118)               578885.01
4141736.41       98.48578  (12111617)
        578905.01   4141736.41      105.00046  (14121716)               578925.01
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        578945.01   4141736.41       81.32021  (14121716)               578965.01
4141736.41       71.92913  (16121017)
        578985.01   4141736.41       65.76778  (16121017)               579005.01
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        579025.01   4141736.41       55.78561  (16120918)               579045.01
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        579265.01   4141736.41       38.93121  (16120918)               579285.01
4141736.41       41.63773  (16120918)
        579305.01   4141736.41       45.28602  (16120918)               579325.01
4141736.41       49.89159  (16120918)
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4141756.41       40.33909  (16120918)
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        578885.01   4141776.41       69.84602  (14121716)                578905.01
4141776.41       64.84933  (14121716)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 938
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                   HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                   HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                   HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579045.01	4141776.41	42.77952	(16120918)	579065.01	4141776.41	40.81184	(16120918)
579085.01	4141776.41	38.92709	(16120918)	579105.01	4141776.41	37.14747	(16120918)
579125.01	4141776.41	35.52703	(16120918)	579145.01	4141776.41	34.16171	(16120918)
579165.01	4141776.41	33.16439	(16120918)	579185.01	4141776.41	32.63889	(16120918)
579205.01	4141776.41	32.68663	(16120918)	579225.01	4141776.41	33.35024	(16120918)
579245.01	4141776.41	34.66114	(16120918)	579265.01	4141776.41	36.59614	(16120918)
579285.01	4141776.41	39.15877	(16120918)	579305.01	4141776.41	42.25740	(16120918)
579325.01	4141776.41	46.44567	(16120918)	579345.01	4141776.41	51.54198	(16120918)
578405.01	4141796.41	23.51644	(14120318)	578425.01	4141796.41	24.35595	(14120318)
578445.01	4141796.41	25.18830	(14120318)	578465.01	4141796.41	26.67803	(09122918)
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578885.01	4141796.41	58.22546	(14121918)	578905.01	4141796.41	55.10849	(14120417)
578925.01	4141796.41	52.28153	(14120417)	578945.01	4141796.41	49.10431	(14120417)
578965.01	4141796.41	46.47194	(16120918)	578985.01	4141796.41	44.49885	(16120918)
579005.01	4141796.41	42.65047	(16120918)	579025.01	4141796.41	40.88122	(16120918)
579045.01	4141796.41	39.16326	(16120918)	579065.01	4141796.41	37.50142	(16120918)
579085.01	4141796.41	35.90713	(16120918)	579105.01	4141796.41	34.41667	(16120918)
579125.01	4141796.41	33.09825	(16120918)	579145.01			

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4141796.41       49.32520  (16120918)
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        579125.01   4141816.41       31.03059  (16120918)                579145.01
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        579165.01   4141816.41       29.80575  (16120918)                579185.01
4141816.41       29.78432  (16120918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 939
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
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, HAUL0011    , HAUL0012    , HAUL0013    ,
                HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        579245.01   4141816.41       32.59226  (16120918)               579265.01
4141816.41       34.43446  (16120918)
        579285.01   4141816.41       36.82619  (16120918)               579305.01
4141816.41       39.78930  (16120918)
        579325.01   4141816.41       43.25224  (16120918)               579345.01
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        578605.01   4141836.41       38.82570  (09122918)               578625.01
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        578645.01   4141836.41       40.70008  (10122417)               578665.01
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        578785.01   4141836.41       49.68554  (12111617)               578805.01
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        578825.01   4141836.41       48.37983  (12122818)               578845.01
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4141836.41       45.93748  (14120417)
        578905.01   4141836.41       44.18249  (14120417)               578925.01
4141836.41       42.02669  (14120418)
        578945.01   4141836.41       40.41791  (14120418)               578965.01
4141836.41       38.87950  (14120418)
        578985.01   4141836.41       37.48022  (14120418)               579005.01
4141836.41       36.15419  (14120418)
        579025.01   4141836.41       34.86451  (14120418)               579045.01
4141836.41       33.59890  (14120418)
        579065.01   4141836.41       32.36768  (14120418)               579085.01
4141836.41       31.19617  (14120418)
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        579105.01   4141836.41       30.14130  (14120418)                579125.01
4141836.41       29.26321  (14120418)
        579145.01   4141836.41       28.70008  (16120918)                579165.01
4141836.41       28.47395  (16120918)
        579185.01   4141836.41       28.64330  (16120918)                579205.01
4141836.41       29.24331  (16120918)
        579225.01   4141836.41       30.26818  (16120918)                579245.01
4141836.41       31.70721  (16120918)
        579265.01   4141836.41       33.51350  (16120918)                579285.01
4141836.41       35.78849  (16120918)
        579305.01   4141836.41       38.56353  (16120918)                579325.01
4141836.41       41.83643  (16120918)
        579345.01   4141836.41       46.16293  (16120918)                578565.01
4141856.41       35.20034  (09122918)
        578585.01   4141856.41       36.03660  (10122417)                578605.01
4141856.41       36.79067  (10122417)
        578625.01   4141856.41       37.24850  (10122417)                578645.01
4141856.41       38.18301  (15122118)
        578665.01   4141856.41       40.31907  (15122118)                578685.01
4141856.41       42.07683  (15122118)
        578705.01   4141856.41       43.31360  (15122118)                578725.01
4141856.41       43.92849  (14121717)
        578745.01   4141856.41       44.81713  (10122418)                578765.01
4141856.41       45.33487  (12111617)
        578785.01   4141856.41       45.32289  (12122818)                578805.01
4141856.41       44.40865  (12122818)
        578825.01   4141856.41       44.67703  (14121918)                578845.01
4141856.41       44.03394  (14121918)
        578865.01   4141856.41       42.86079  (14120417)                578885.01
4141856.41       41.83598  (14120417)
        578905.01   4141856.41       40.11050  (14120417)                578925.01
4141856.41       38.69794  (14120418)
        578945.01   4141856.41       37.33610  (14120418)                578965.01
4141856.41       36.02452  (14120418)
        578985.01   4141856.41       34.81393  (14120418)                579005.01
4141856.41       33.65303  (14120418)
        579025.01   4141856.41       32.51557  (14120418)                579045.01
4141856.41       31.40078  (14120418)
        579065.01   4141856.41       30.32505  (14120418)                579085.01
4141856.41       29.31135  (14120418)
        579105.01   4141856.41       28.44634  (14120418)                579125.01
4141856.41       27.76438  (14120418)
        579145.01   4141856.41       27.36566  (16120918)                579165.01
4141856.41       27.31418  (16120918)
        579185.01   4141856.41       27.64387  (16120918)                579205.01
4141856.41       28.34311  (16120918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	29.41853	(16120918)	579245.01	4141856.41	30.86071	(16120918)
579265.01	4141856.41	32.64243	(16120918)	579285.01	4141856.41	34.88144	(16120918)
579305.01	4141856.41	37.51597	(16120918)	579325.01	4141856.41	40.51782	(16120918)
579345.01	4141856.41	44.55820	(16120918)	578545.01	4141876.41	32.84823	(10122417)
578565.01	4141876.41	33.53781	(10122417)	578585.01	4141876.41	33.98461	(10122417)
578605.01	4141876.41	34.16075	(10122417)	578625.01	4141876.41	36.00236	(15122118)
578645.01	4141876.41	37.72612	(15122118)	578665.01	4141876.41	39.08393	(15122118)
578685.01	4141876.41	39.96253	(15122118)	578705.01	4141876.41	40.52578	(10122418)
578725.01	4141876.41	41.22980	(10122418)	578745.01	4141876.41	41.68687	(12111617)
578765.01	4141876.41	41.72022	(12122818)	578785.01	4141876.41	41.01419	(12122818)
578805.01	4141876.41	41.32581	(14121918)	578825.01	4141876.41	41.05620	(14121918)
578845.01	4141876.41	39.92076	(12111518)	578865.01	4141876.41	39.50817	(14120417)
578885.01	4141876.41	38.30747	(14120417)	578905.01			

4141876.41 36.93842 (14120418)
578925.01 4141876.41 35.90437 (14120418) 578945.01
4141876.41 34.72898 (14120418)
578965.01 4141876.41 33.59156 (14120418) 578985.01
4141876.41 32.50407 (14120418)
579005.01 4141876.41 31.46104 (14120418) 579025.01
4141876.41 30.46097 (14120418)
579045.01 4141876.41 29.47977 (14120418) 579065.01
4141876.41 28.53701 (14120418)
579085.01 4141876.41 27.67096 (14120418) 579105.01
4141876.41 26.97971 (14120418)
579125.01 4141876.41 26.46585 (14120418) 579145.01
4141876.41 26.21398 (16120918)
579165.01 4141876.41 26.30394 (16120918) 579185.01
4141876.41 26.75286 (16120918)
579205.01 4141876.41 27.52704 (16120918) 579225.01
4141876.41 28.63316 (16120918)
579245.01 4141876.41 30.06197 (16120918) 579265.01
4141876.41 31.79369 (16120918)
579285.01 4141876.41 33.93140 (16120918) 579305.01
4141876.41 36.43882 (16120918)
579325.01 4141876.41 39.32018 (16120918) 579345.01
4141876.41 43.18834 (16120918)
578545.01 4141896.41 31.21818 (10122417) 578565.01
4141896.41 31.43819 (10122417)
578585.01 4141896.41 32.33839 (15122118) 578605.01
4141896.41 34.00026 (15122118)
578625.01 4141896.41 35.39135 (15122118) 578645.01
4141896.41 36.43500 (15122118)
578665.01 4141896.41 37.05369 (15122118) 578685.01
4141896.41 37.65729 (10122418)
578705.01 4141896.41 38.16767 (10122418) 578725.01
4141896.41 38.59348 (12111617)
578745.01 4141896.41 38.66317 (12122818) 578765.01
4141896.41 38.09567 (12122818)
578785.01 4141896.41 38.38113 (14121918) 578805.01
4141896.41 38.39078 (14121918)
578825.01 4141896.41 37.57752 (14121918) 578845.01
4141896.41 37.23505 (14120417)
578865.01 4141896.41 36.51707 (14120417) 578885.01
4141896.41 35.24642 (14120417)
578905.01 4141896.41 34.46086 (14120418) 578925.01
4141896.41 33.51851 (14120418)
578945.01 4141896.41 32.48414 (14120418) 578965.01
4141896.41 31.47883 (14120418)
578985.01 4141896.41 30.51669 (14120418) 579005.01
4141896.41 29.58369 (14120418)
579025.01 4141896.41 28.64897 (14120418) 579045.01
4141896.41 27.77062 (14120418)
579065.01 4141896.41 26.96602 (14120418) 579085.01

4141896.41   26.24340 (14120418)
        579105.01   4141896.41   25.70061 (14120418)   579125.01
4141896.41   25.33241 (14120418)
        579145.01   4141896.41   25.20950 (14120418)   579165.01
4141896.41   25.41501 (16120918)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21 ***
                                   INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579185.01   4141896.41   25.95109 (16120918)   579205.01
4141896.41   26.77900 (16120918)
        579225.01   4141896.41   27.89837 (16120918)   579245.01
4141896.41   29.30594 (16120918)
        579265.01   4141896.41   30.99734 (16120918)   579285.01
4141896.41   33.02566 (16120918)
        579305.01   4141896.41   35.40821 (16120918)   579325.01
4141896.41   38.30671 (16120918)
        579345.01   4141896.41   41.97663 (16120918)   578565.01
4141916.41   30.77269 (15122118)
        578585.01   4141916.41   32.14644 (15122118)   578605.01
4141916.41   33.27940 (15122118)
        578625.01   4141916.41   34.08033 (15122118)   578645.01
4141916.41   34.49753 (15122118)
        578665.01   4141916.41   35.15274 (10122418)   578685.01
4141916.41   35.52609 (10122418)

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        578705.01   4141916.41       35.92892  (12111617)               578725.01
4141916.41       36.02289  (12122818)
        578745.01   4141916.41       35.55435  (12122818)               578765.01
4141916.41       35.79026  (14121918)
        578785.01   4141916.41       35.99325  (14121918)               578805.01
4141916.41       35.48856  (14121918)
        578825.01   4141916.41       35.05163  (14120417)               578845.01
4141916.41       34.74170  (14120417)
        578865.01   4141916.41       33.84262  (14120417)               578885.01
4141916.41       32.92625  (14120418)
        578905.01   4141916.41       32.31774  (14120418)               578925.01
4141916.41       31.45769  (14120418)
        578945.01   4141916.41       30.52807  (14120418)               578965.01
4141916.41       29.62269  (14120418)
        578985.01   4141916.41       28.75131  (14120418)               579005.01
4141916.41       27.90656  (14120418)
        579025.01   4141916.41       27.08780  (14120418)               579045.01
4141916.41       26.30232  (14120418)
        579065.01   4141916.41       25.58072  (14120418)               579085.01
4141916.41       24.98715  (14120418)
        579105.01   4141916.41       24.57618  (14120418)               579125.01
4141916.41       24.34115  (14120418)
        579145.01   4141916.41       24.34033  (14120418)               579165.01
4141916.41       24.62221  (16120918)
        579185.01   4141916.41       25.22553  (16120918)               578386.27
4141125.26       20.76792  (09110418)
        578406.27   4141125.26       20.47881  (09110418)               578426.27
4141125.26       21.00345  (11122717)
        578446.27   4141125.26       21.43413  (11122717)               578466.27
4141125.26       21.30133  (11122717)
        578486.27   4141125.26       20.44804  (11122717)               578506.27
4141125.26       20.52761  (11122717)
        578526.27   4141125.26       21.23624  (11122717)               578546.27
4141125.26       21.80507  (11122717)
        578566.27   4141125.26       22.41081  (11122717)               578586.27
4141125.26       22.79647  (11122717)
        578606.27   4141125.26       22.88652  (11122717)               578626.27
4141125.26       23.74016  (11122717)
        578646.27   4141125.26       24.26340  (11122717)               578666.27
4141125.26       24.41981  (11122717)
        578686.27   4141125.26       25.30680  (11122717)               578706.27
4141125.26       26.12360  (11122717)
        578726.27   4141125.26       26.69638  (11122717)               578746.27
4141125.26       26.45008  (11122717)
        578766.27   4141125.26       24.28946  (14122618)               578786.27
4141125.26       24.90443  (14122618)
        578806.27   4141125.26       25.07889  (14122618)               578826.27
4141125.26       25.67439  (14122618)
        578846.27   4141125.26       26.33116  (14122618)               578866.27
4141125.26       26.55674  (14122618)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP21 ***
INCLUDING SOURCE(S): HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 ,
HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 ,
HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 ,
HAUL0022 , HAUL0023 , HAUL0024 , HAUL0025 , HAUL0026 , HAUL0027 , HAUL0028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579166.27	4141125.26	37.27483	(17122518)	579186.27	4141125.26	38.47112	(17122518)
579206.27	4141125.26	36.40692	(17121417)	578386.27	4141145.26	21.77480	(09110418)
578406.27	4141145.26	21.56078	(09110418)	578426.27	4141145.26	21.26823	(09110418)
578446.27	4141145.26	21.43284	(11122717)	578466.27	4141145.26	21.71344	(10021118)
578886.27	4141125.26	26.09395	(14122618)	578906.27	4141125.26	25.71344	(10021118)
578926.27	4141125.26	26.63825	(10021118)	578946.27	4141125.26	27.42645	(16020318)
578966.27	4141125.26	28.45398	(16010118)	578986.27	4141125.26	29.77607	(16010118)
579006.27	4141125.26	30.80417	(16010118)	579026.27	4141125.26	30.80575	(16010118)
579046.27	4141125.26	31.37732	(16010118)	579066.27	4141125.26	32.55471	(16010118)
579086.27	4141125.26	32.46157	(16010118)	579106.27	4141125.26	33.24542	(09120917)
579126.27	4141125.26	33.78937	(09120917)	579146.27	4141125.26	34.19906	(09120917)

4141145.26 21.79510 (11122717)
578486.27 4141145.26 20.84220 (09110418) 578506.27
4141145.26 20.75804 (11122717)
578526.27 4141145.26 20.92710 (11122717) 578546.27
4141145.26 21.62935 (11122717)
578566.27 4141145.26 22.12382 (11122717) 578586.27
4141145.26 22.83289 (11122717)
578606.27 4141145.26 23.16949 (11122717) 578626.27
4141145.26 23.14134 (11122717)
578646.27 4141145.26 22.75956 (11122717) 578666.27
4141145.26 24.93041 (11122717)
578686.27 4141145.26 25.62080 (11122717) 578706.27
4141145.26 26.23530 (11122717)
578726.27 4141145.26 22.87056 (14122618) 578746.27
4141145.26 23.60292 (14122618)
578766.27 4141145.26 24.35696 (14122618) 578786.27
4141145.26 25.07825 (14122618)
578806.27 4141145.26 25.54766 (14122618) 578826.27
4141145.26 25.93928 (14122618)
578846.27 4141145.26 26.94682 (14122618) 578866.27
4141145.26 27.15971 (14122618)
578886.27 4141145.26 27.12414 (14122618) 578906.27
4141145.26 26.61912 (14122618)
578926.27 4141145.26 26.42340 (10021118) 578946.27
4141145.26 27.34095 (10021118)
578966.27 4141145.26 28.05073 (16010118) 578986.27
4141145.26 29.41316 (16010118)
579006.27 4141145.26 30.59851 (16010118) 579026.27
4141145.26 31.83097 (16010118)
579046.27 4141145.26 33.57796 (16010118) 579066.27
4141145.26 34.16852 (16010118)
579086.27 4141145.26 33.18336 (16010118) 579106.27
4141145.26 32.92060 (09120917)
579126.27 4141145.26 33.57818 (09120917) 579146.27
4141145.26 35.20914 (09120917)
579166.27 4141145.26 36.51087 (17122518) 579186.27
4141145.26 39.03103 (17122518)
579206.27 4141145.26 38.18077 (17122518) 578723.62
4141929.59 34.29880 (12122818)
578743.62 4141929.59 33.94821 (14121918) 578763.62
4141929.59 34.50352 (14121918)
578783.62 4141929.59 34.41740 (14121918) 578803.62
4141929.59 33.73938 (12111518)
578823.62 4141929.59 33.70093 (14120417) 578843.62
4141929.59 33.25620 (14120417)
578863.62 4141929.59 32.31633 (14120417) 578883.62
4141929.59 31.69365 (14120418)
578903.62 4141929.59 31.10427 (14120418) 578923.62
4141929.59 30.29878 (14120418)
578943.62 4141929.59 29.43151 (14120418) 578963.62

4141929.59   28.57755 (14120418)
        578983.62   4141929.59   27.75379 (14120418)   579003.62
4141929.59   26.95893 (14120418)
        579023.62   4141929.59   26.19340 (14120418)   579043.62
4141929.59   25.47415 (14120418)
        579063.62   4141929.59   24.82109 (14120418)   579083.62
4141929.59   24.28014 (14120418)
        579103.62   4141929.59   23.91068 (14120418)   579123.62
4141929.59   23.74939 (14120418)
        579143.62   4141929.59   23.80704 (14120418)   579163.62
4141929.59   24.11070 (14120418)
        579183.62   4141929.59   24.72864 (16120918)   578725.67
4141942.60   32.45700 (12122818)
        578745.67   4141942.60   33.03871 (14121918)   578765.67
4141942.60   33.20423 (14121918)
        578785.67   4141942.60   32.79176 (14121918)   578805.67
4141942.60   32.47275 (12111518)
        578825.67   4141942.60   32.36969 (14120417)   578845.67
4141942.60   31.74143 (14120417)
        578865.67   4141942.60   30.77238 (14120418)   578885.67
4141942.60   30.48979 (14120418)
        578905.67   4141942.60   29.87835 (14120418)   578925.67
4141942.60   29.10202 (14120418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP21 ***
                                    INCLUDING SOURCE(S):   HAUL0001   , HAUL0002
, HAUL0003   , HAUL0004   , HAUL0005   ,
                   HAUL0006   , HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010
, HAUL0011   , HAUL0012   , HAUL0013   ,
                   HAUL0014   , HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018
, HAUL0019   , HAUL0020   , HAUL0021   ,
                   HAUL0022   , HAUL0023   , HAUL0024   , HAUL0025   , HAUL0026
, HAUL0027   , HAUL0028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

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

- -
- -
578945.67 4141942.60 28.28527 (14120418) 578965.67
4141942.60 27.48344 (14120418)
578985.67 4141942.60 26.70873 (14120418) 579005.67
4141942.60 25.96254 (14120418)
579025.67 4141942.60 25.25334 (14120418) 579045.67
4141942.60 24.59979 (14120418)
579065.67 4141942.60 24.02552 (14120418) 579085.67
4141942.60 23.57624 (14120418)
579105.67 4141942.60 23.28710 (14120418) 579125.67
4141942.60 23.20078 (14120418)
579145.67 4141942.60 23.35030 (14120418) 579165.67
4141942.60 23.73874 (14120418)
579185.67 4141942.60 24.39254 (16120918) 578745.52
4141955.60 31.96431 (14121918)
578765.52 4141955.60 31.86379 (14121918) 578785.52
4141955.60 31.35536 (12111518)
578805.52 4141955.60 31.37413 (14120417) 578825.52
4141955.60 31.10716 (14120417)
578845.52 4141955.60 30.39027 (14120417) 578865.52
4141955.60 29.73716 (14120418)
578885.52 4141955.60 29.41887 (14120418) 578905.52
4141955.60 28.81834 (14120418)
578925.52 4141955.60 28.08049 (14120418) 578945.52
4141955.60 27.30870 (14120418)
578965.52 4141955.60 26.55062 (14120418) 578985.52
4141955.60 25.81873 (14120418)
579005.52 4141955.60 25.11716 (14120418) 579025.52
4141955.60 24.45671 (14120418)
579045.52 4141955.60 23.85919 (14120418) 579065.52
4141955.60 23.35335 (14120418)
579085.52 4141955.60 22.96632 (14120418) 579105.52
4141955.60 22.74570 (14120418)
579125.52 4141955.60 22.71622 (14120418) 579145.52
4141955.60 22.90962 (14120418)
579165.52 4141955.60 23.34273 (14120418) 579185.52
4141955.60 24.01155 (14120418)
578785.22 4141971.34 30.09285 (12111518) 578805.22
4141971.34 30.07489 (14120417)
578825.22 4141971.34 29.65290 (14120417) 578845.22
4141971.34 28.86402 (14120417)
578865.22 4141971.34 28.54258 (14120418) 578885.22
4141971.34 28.22439 (14120418)
578905.22 4141971.34 27.63814 (14120418) 578925.22
4141971.34 26.94172 (14120418)
578945.22 4141971.34 26.21841 (14120418) 578965.22
4141971.34 25.50786 (14120418)
578985.22 4141971.34 24.82398 (14120418) 579005.22
4141971.34 24.17323 (14120418)

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        579025.22   4141971.34       23.56976  (14120418)                579045.22
4141971.34       23.03567  (14120418)
        579065.22   4141971.34       22.59942  (14120418)                579085.22
4141971.34       22.29060  (14120418)
        579105.22   4141971.34       22.13654  (14120418)                579125.22
4141971.34       22.17739  (14120418)
        579145.22   4141971.34       22.41763  (14120418)                579165.22
4141971.34       22.89474  (14120418)
        579185.22   4141971.34       23.57411  (14120418)                578790.01
4141986.40       29.00675  (14120417)
        578810.01   4141986.40       28.76503  (14120417)                578830.01
4141986.40       28.14712  (14120417)
        578850.01   4141986.40       27.60854  (14120418)                578870.01
4141986.40       27.45367  (14120418)
        578890.01   4141986.40       27.03719  (14120418)                578910.01
4141986.40       26.43504  (14120418)
        578930.01   4141986.40       25.76386  (14120418)                578950.01
4141986.40       25.08275  (14120418)
        578970.01   4141986.40       24.41867  (14120418)                578990.01
4141986.40       23.78756  (14120418)
        579010.01   4141986.40       23.19503  (14120418)                579030.01
4141986.40       22.65849  (14120418)
        579050.01   4141986.40       22.20291  (14120418)                579070.01
4141986.40       21.86288  (14120418)
        579090.01   4141986.40       21.65765  (14120418)                579110.01
4141986.40       21.61201  (14120418)
        579130.01   4141986.40       21.74779  (14120418)                579150.01
4141986.40       22.09185  (14120418)
        579170.01   4141986.40       22.64468  (14120418)                579190.01
4141986.40       23.38314  (14120418)
        578810.54   4142001.46       27.54879  (14120417)                578830.54
4142001.46       26.85666  (14120417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 944
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP21  ***
                                    INCLUDING SOURCE(S):     HAUL0001    , HAUL0002
, HAUL0003    , HAUL0004    , HAUL0005    ,
                  HAUL0006    , HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010
, HAUL0011    , HAUL0012    , HAUL0013    ,
                  HAUL0014    , HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018
, HAUL0019    , HAUL0020    , HAUL0021    ,
                  HAUL0022    , HAUL0023    , HAUL0024    , HAUL0025    , HAUL0026
, HAUL0027    , HAUL0028    ,  . . .      ,
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578850.54	4142001.46	26.65321	(14120418)	578870.54	4142001.46	26.45921	(14120418)
578890.54	4142001.46	26.03472	(14120418)	578910.54	4142001.46	25.45268	(14120418)
578930.54	4142001.46	24.81518	(14120418)	578950.54	4142001.46	24.17282	(14120418)
578970.54	4142001.46	23.54945	(14120418)	578990.54	4142001.46	22.95970	(14120418)
579010.54	4142001.46	22.41637	(14120418)	579030.54	4142001.46	21.93547	(14120418)
579050.54	4142001.46	21.53811	(14120418)	579070.54	4142001.46	21.25506	(14120418)
579090.54	4142001.46	21.11772	(14120418)	579110.54	4142001.46	21.13555	(14120418)
579130.54	4142001.46	21.32356	(14120418)	579150.54	4142001.46	21.71677	(14120418)
579170.54	4142001.46	22.28947	(14120418)	579190.54	4142001.46	23.04249	(14120418)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	21.10551	(09110418)	578405.01	4141176.41	21.27428	(09110418)
578425.01	4141176.41	21.24738	(09110418)	578445.01	4141176.41	20.90323	(09110418)
578465.01	4141176.41	21.29660	(09110418)	578485.01	4141176.41	21.38358	(09110418)
578505.01	4141176.41	20.88753	(09110418)	578525.01	4141176.41	20.83625	(09110418)
578545.01	4141176.41	20.22848	(09110418)	578565.01	4141176.41	20.45732	(09110418)
578585.01	4141176.41	20.28194	(09110418)	578605.01	4141176.41	20.50014	(16010118)
578625.01	4141176.41	20.52636	(09110418)	578645.01	4141176.41	20.92290	(09110417)
578665.01	4141176.41	21.28471	(09110417)	578685.01	4141176.41	21.48465	(09110417)
578705.01	4141176.41	21.89340	(09110417)	578725.01	4141176.41	22.46228	(14122618)
578745.01	4141176.41	23.32971	(14122618)	578765.01	4141176.41	24.43139	(14122618)
578785.01	4141176.41	25.46733	(14122618)	578805.01	4141176.41	26.52652	(14122618)
578825.01	4141176.41	27.44776	(14122618)	578845.01	4141176.41	28.22244	(14122618)
578865.01	4141176.41	29.34460	(14122618)	578885.01	4141176.41	30.30900	(14122618)
578905.01	4141176.41	31.23683	(14122618)	578925.01	4141176.41	32.04301	(14122618)
578945.01	4141176.41	32.77376	(14122618)	578965.01	4141176.41	33.24381	(14122618)
578985.01	4141176.41	33.25517	(14122618)	579005.01	4141176.41	34.21263	(14111117)
579025.01	4141176.41	35.97219	(14111117)	579045.01	4141176.41	38.04569	(16010118)
579065.01	4141176.41	40.87612	(16010118)	579085.01	4141176.41	43.74481	(16010118)
579105.01	4141176.41	45.93627	(16010118)	579125.01	4141176.41	46.63831	(16010118)
579145.01	4141176.41	45.57868	(11010318)	579165.01	4141176.41	50.58897	(09120917)
579185.01	4141176.41	55.73330	(09120917)	579205.01	4141176.41	57.20999	(09120917)

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        579225.01   4141176.41       60.60982  (17122518)                578385.01
4141196.41       21.25939  (09110418)
        578405.01   4141196.41       21.45918  (09110418)                578425.01
4141196.41       21.44098  (09110418)
        578445.01   4141196.41       21.57868  (09110418)                578465.01
4141196.41       21.64721  (09110418)
        578485.01   4141196.41       21.60365  (09110418)                578505.01
4141196.41       21.56294  (09110418)
        578525.01   4141196.41       21.27179  (09110418)                578545.01
4141196.41       21.03245  (09110418)
        578565.01   4141196.41       20.97943  (09110418)                578585.01
4141196.41       21.09605  (09110418)
        578605.01   4141196.41       21.43259  (09110418)                578625.01
4141196.41       21.94073  (09110418)
        578645.01   4141196.41       21.50756  (09110418)                578665.01
4141196.41       21.13538  (09110418)
        578685.01   4141196.41       21.47648  (09110417)                578705.01
4141196.41       22.37977  (09120917)
        578725.01   4141196.41       22.55764  (17122518)                578745.01
4141196.41       23.10685  (14122618)
        578765.01   4141196.41       24.04976  (14122618)                578785.01
4141196.41       25.18990  (14122618)
        578805.01   4141196.41       26.24776  (14122618)                578825.01
4141196.41       27.33164  (14122618)
        578845.01   4141196.41       28.27242  (14122618)                578865.01
4141196.41       29.17321  (14122618)
        578885.01   4141196.41       30.33925  (14122618)                578905.01
4141196.41       31.39677  (14122618)
        578925.01   4141196.41       32.39453  (14122618)                578945.01
4141196.41       33.43654  (14122618)
        578965.01   4141196.41       34.36927  (14122618)                578985.01
4141196.41       34.94892  (14122618)
        579005.01   4141196.41       35.12920  (14122618)                579025.01
4141196.41       35.81860  (14111117)
        579045.01   4141196.41       37.76097  (14111117)                579065.01
4141196.41       40.32800  (16010118)
        579085.01   4141196.41       43.68707  (16010118)                579105.01
4141196.41       46.76109  (16010118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 946
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
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HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057
, HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065
, HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073
, HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	48.94016	(16010118)	579145.01	4141196.41	49.27853	(16010118)
579165.01	4141196.41	49.75648	(09120917)	579185.01	4141196.41	56.44282	(09120917)
579205.01	4141196.41	60.61399	(09120917)	579225.01	4141196.41	62.67281	(17122518)
579245.01	4141196.41	65.16971	(17122518)	578385.01	4141216.41	21.46071	(09110418)
578405.01	4141216.41	21.59960	(09110418)	578425.01	4141216.41	21.72993	(09110418)
578445.01	4141216.41	21.88524	(09110418)	578465.01	4141216.41	21.90486	(09110418)
578485.01	4141216.41	21.94131	(09110418)	578505.01	4141216.41	22.15580	(09110418)
578525.01	4141216.41	21.64341	(09110418)	578545.01	4141216.41	21.44383	(09110418)
578565.01	4141216.41	21.51661	(09110418)	578585.01	4141216.41	21.67454	(09110418)
578605.01	4141216.41	22.09668	(09110418)	578625.01	4141216.41	22.65199	(16010118)
578645.01	4141216.41	22.84935	(16010118)	578665.01	4141216.41	22.36385	(09110418)
578685.01	4141216.41	22.48527	(09110418)	578705.01	4141216.41	23.50271	(09120917)
578725.01	4141216.41	23.19197	(17122518)	578745.01	4141216.41	24.16466	(17122518)
578765.01	4141216.41	24.28027	(17121417)	578785.01	4141216.41	24.81151	(14122618)
578805.01	4141216.41	25.98770	(14122618)	578825.01	4141216.41	27.11868	(14122618)
578845.01	4141216.41	28.18309	(14122618)	578925.01	4141216.41	32.55814	(14122618)
578945.01	4141216.41	33.75887	(14122618)	578965.01			

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4141216.41       35.00998  (14122618)
        578985.01   4141216.41       36.08845  (14122618)                579005.01
4141216.41       36.92151  (14122618)
        579025.01   4141216.41       37.33361  (14122618)                579045.01
4141216.41       37.83999  (14111117)
        579065.01   4141216.41       40.05602  (14111117)                579085.01
4141216.41       43.20760  (16010118)
        579105.01   4141216.41       46.85096  (16010118)                579125.01
4141216.41       50.19429  (16010118)
        579145.01   4141216.41       52.36480  (16010118)                579165.01
4141216.41       52.04301  (16010118)
        579185.01   4141216.41       56.07900  (09120917)                579205.01
4141216.41       62.73332  (09120917)
        579225.01   4141216.41       65.13600  (09120917)                579245.01
4141216.41       69.65575  (17122518)
        578385.01   4141236.41       22.22862  (09110418)                578405.01
4141236.41       21.84433  (09110418)
        578425.01   4141236.41       22.00993  (09110418)                578445.01
4141236.41       22.11215  (09110418)
        578465.01   4141236.41       22.21309  (09110418)                578485.01
4141236.41       22.31989  (09110418)
        578505.01   4141236.41       22.38084  (14122618)                578525.01
4141236.41       22.68540  (14122618)
        578545.01   4141236.41       22.24410  (14122618)                578565.01
4141236.41       22.02772  (09110418)
        578585.01   4141236.41       22.09918  (09110418)                578605.01
4141236.41       22.53799  (09110418)
        578625.01   4141236.41       22.90418  (09110418)                578645.01
4141236.41       24.36122  (16010118)
        578665.01   4141236.41       23.76708  (16010118)                578685.01
4141236.41       23.56415  (09110418)
        578705.01   4141236.41       24.27777  (09120917)                578725.01
4141236.41       25.00062  (09120917)
        578745.01   4141236.41       25.53468  (17122518)                578765.01
4141236.41       25.58389  (17121417)
        578785.01   4141236.41       25.41554  (17111618)                578805.01
4141236.41       25.69091  (14122618)
        578825.01   4141236.41       26.83266  (14122618)                578945.01
4141236.41       33.90530  (14122618)
        578965.01   4141236.41       35.28994  (14122618)                578985.01
4141236.41       36.71351  (14122618)
        579005.01   4141236.41       37.97013  (14122618)                579025.01
4141236.41       39.03159  (14122618)
        579045.01   4141236.41       39.72095  (14122618)                579065.01
4141236.41       40.13413  (14111117)
        579085.01   4141236.41       42.59144  (14111117)                579105.01
4141236.41       46.48495  (16010118)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 , HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 , HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 , HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	50.50088	(16010118)	579145.01	4141236.41	54.02582	(16010118)
579165.01	4141236.41	56.05160	(16010118)	579185.01	4141236.41	54.95822	(16010118)
579205.01	4141236.41	63.44194	(09120917)	579225.01	4141236.41	69.43459	(09120917)
579245.01	4141236.41	72.94294	(17122518)	578385.01	4141256.41	23.15518	(09110418)
578405.01	4141256.41	22.67874	(09110418)	578425.01	4141256.41	22.27420	(09110418)
578445.01	4141256.41	22.41631	(09110417)	578465.01	4141256.41	22.55202	(09110418)
578485.01	4141256.41	22.56823	(09110418)	578505.01	4141256.41	22.22950	(14122618)
578525.01	4141256.41	23.57099	(14122618)	578545.01	4141256.41	23.95589	(14122618)
578565.01	4141256.41	23.39169	(14122618)	578585.01	4141256.41	22.48311	(09110418)
578605.01	4141256.41	23.12997	(14111117)	578625.01	4141256.41	23.37084	(14111117)
578645.01	4141256.41	25.16215	(16010118)	578665.01	4141256.41	25.93994	(16010118)
578685.01	4141256.41	24.40774	(16010118)	578705.01	4141256.41	24.75305	(09110418)

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        578725.01   4141256.41       26.63770  (09120917)               578745.01
4141256.41       26.73290  (17122518)
        578765.01   4141256.41       26.86762  (17122518)               578785.01
4141256.41       26.86112  (17121417)
        578805.01   4141256.41       26.59772  (17111618)               578965.01
4141256.41       35.45023  (14122618)
        578985.01   4141256.41       36.98934  (14122618)               579005.01
4141256.41       38.57331  (14122618)
        579025.01   4141256.41       40.02554  (14122618)               579045.01
4141256.41       41.36960  (14122618)
        579065.01   4141256.41       42.38690  (14122618)               579085.01
4141256.41       42.80149  (14122618)
        579105.01   4141256.41       45.80805  (16010118)               579125.01
4141256.41       50.14595  (16010118)
        579145.01   4141256.41       54.57742  (16010118)               579165.01
4141256.41       58.44837  (16010118)
        579185.01   4141256.41       60.36241  (16010118)               579205.01
4141256.41       62.92551  (09120917)
        579225.01   4141256.41       71.90321  (09120917)               579245.01
4141256.41       75.69456  (09120917)
        579265.01   4141256.41       81.53523  (17122518)               578385.01
4141276.41       22.96095  (09110418)
        578405.01   4141276.41       23.87445  (09110418)               578425.01
4141276.41       23.43307  (09110418)
        578445.01   4141276.41       22.86238  (09110417)               578465.01
4141276.41       23.44101  (09110417)
        578485.01   4141276.41       23.44993  (09110417)               578505.01
4141276.41       23.01436  (09110417)
        578525.01   4141276.41       23.49096  (14122618)               578545.01
4141276.41       25.03182  (14122618)
        578565.01   4141276.41       25.40408  (14122618)               578585.01
4141276.41       24.69398  (14122618)
        578605.01   4141276.41       23.22555  (09110418)               578625.01
4141276.41       24.97631  (14111117)
        578645.01   4141276.41       24.96435  (16010118)               578665.01
4141276.41       27.51694  (16010118)
        578685.01   4141276.41       27.30169  (16010118)               578705.01
4141276.41       25.42177  (09110418)
        578725.01   4141276.41       27.88368  (09120917)               578745.01
4141276.41       28.15965  (09120917)
        578765.01   4141276.41       28.98977  (17122518)               578785.01
4141276.41       28.93947  (17121417)
        578985.01   4141276.41       37.16546  (14122618)               579005.01
4141276.41       38.87141  (14122618)
        579025.01   4141276.41       40.63786  (14122618)               579045.01
4141276.41       42.36152  (14122618)
        579065.01   4141276.41       44.04666  (14122618)               579085.01
4141276.41       45.36615  (14122618)
        579105.01   4141276.41       46.12747  (14122618)               579125.01
4141276.41       49.55811  (16010118)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141276.41	86.84738	(17122518)	578385.01	4141296.41	25.89432	(09110418)
578405.01	4141296.41	23.94619	(09110418)	578425.01	4141296.41	24.80026	(09110418)
578445.01	4141296.41	24.30721	(09110418)	578465.01	4141296.41	23.82409	(09110417)
578485.01	4141296.41	24.50291	(09110417)	578505.01	4141296.41	24.65292	(09110417)
578525.01	4141296.41	24.21877	(09110417)	578545.01	4141296.41	24.93064	(14122618)
578565.01	4141296.41	26.68424	(14122618)	578585.01	4141296.41	27.08606	(14122618)
578605.01	4141296.41	26.13495	(14122618)	578625.01	4141296.41	25.39053	(14111117)
578645.01	4141296.41	26.98315	(14111117)	578665.01			

4141296.41 28.03025 (16010118)
578685.01 4141296.41 29.82209 (16010118) 578705.01
4141296.41 28.34028 (16010118)
578725.01 4141296.41 28.41456 (09120917) 578745.01
4141296.41 30.57404 (09120917)
579005.01 4141296.41 39.09996 (14122618) 579025.01
4141296.41 41.00971 (14122618)
579045.01 4141296.41 42.97463 (14122618) 579065.01
4141296.41 44.93012 (14122618)
579085.01 4141296.41 46.90655 (14122618) 579105.01
4141296.41 48.75266 (14122618)
579125.01 4141296.41 50.05788 (14122618) 579145.01
4141296.41 53.97359 (16010118)
579165.01 4141296.41 59.57944 (16010118) 579185.01
4141296.41 65.28285 (16010118)
579205.01 4141296.41 69.99084 (16010118) 579225.01
4141296.41 71.50683 (09120917)
579245.01 4141296.41 83.74130 (09120917) 579265.01
4141296.41 90.22287 (09120917)
579285.01 4141296.41 97.94990 (17122518) 578385.01
4141316.41 27.58753 (09110418)
578405.01 4141316.41 27.29949 (09110418) 578425.01
4141316.41 25.30521 (09110418)
578445.01 4141316.41 25.59091 (09110418) 578465.01
4141316.41 25.53892 (09110418)
578485.01 4141316.41 24.89961 (09110417) 578505.01
4141316.41 25.80832 (09110417)
578525.01 4141316.41 26.11118 (09110417) 578545.01
4141316.41 25.74569 (09110417)
578565.01 4141316.41 26.59245 (14122618) 578585.01
4141316.41 28.63166 (14122618)
578605.01 4141316.41 29.05089 (14122618) 578625.01
4141316.41 27.80858 (14122618)
578645.01 4141316.41 28.00280 (14111117) 578665.01
4141316.41 29.13590 (14111117)
578685.01 4141316.41 31.35279 (16010118) 578705.01
4141316.41 31.95114 (16010118)
578725.01 4141316.41 29.31346 (11010318) 579025.01
4141316.41 41.30430 (14122618)
579045.01 4141316.41 43.38229 (14122618) 579065.01
4141316.41 45.57305 (14122618)
579085.01 4141316.41 47.92573 (14122618) 579105.01
4141316.41 50.36870 (14122618)
579125.01 4141316.41 52.68533 (14122618) 579145.01
4141316.41 54.59003 (14122618)
579165.01 4141316.41 59.27223 (16010118) 579185.01
4141316.41 65.68452 (16010118)
579205.01 4141316.41 72.29736 (16010118) 579225.01
4141316.41 77.56687 (16010118)
579245.01 4141316.41 84.24227 (09120917) 579265.01

4141316.41 97.39398 (09120917)
  579285.01 4141316.41 107.01795 (17122518) 578385.01
4141336.41 28.93103 (09110418)
  578405.01 4141336.41 29.14554 (09110418) 578425.01
4141336.41 28.94408 (09110418)
  578445.01 4141336.41 27.55152 (09110418) 578465.01
4141336.41 26.38756 (09110418)
  578485.01 4141336.41 26.76657 (09110418) 578505.01
4141336.41 26.15383 (09110418)
  578525.01 4141336.41 27.32088 (09110417) 578545.01
4141336.41 27.86642 (09110417)
  578565.01 4141336.41 27.58184 (09110417) 578585.01
4141336.41 28.50099 (14122618)
  578605.01 4141336.41 30.90538 (14122618) 578625.01
4141336.41 31.33689 (14122618)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141336.41	29.70875	(14122618)	578665.01	4141336.41	30.97636	(14111117)
578685.01	4141336.41	31.41233	(14111117)	578705.01	4141336.41	34.82513	(16010118)
579025.01	4141336.41	41.68461	(14122618)	579045.01	4141336.41	43.85337	(14122618)

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        579065.01   4141336.41       46.20916  (14122618)                579085.01
4141336.41       48.75859  (14122618)
        579105.01   4141336.41       51.47611  (14122618)                579125.01
4141336.41       54.34972  (14122618)
        579145.01   4141336.41       57.33203  (14122618)                579165.01
4141336.41       60.08331  (14122618)
        579185.01   4141336.41       65.67773  (16010118)                579205.01
4141336.41       73.08944  (16010118)
        579225.01   4141336.41       81.33261  (16010118)                579245.01
4141336.41       87.55051  (16010118)
        579265.01   4141336.41      100.89619  (09120917)                579285.01
4141336.41      113.16507  (17122518)
        578385.01   4141356.41       29.21093  (09110418)                578405.01
4141356.41       29.77328  (09110418)
        578425.01   4141356.41       29.91136  (09110418)                578445.01
4141356.41       30.12551  (09110418)
        578465.01   4141356.41       29.79756  (09110418)                578485.01
4141356.41       28.51400  (09110418)
        578505.01   4141356.41       28.00432  (09110418)                578525.01
4141356.41       27.71469  (09110418)
        578545.01   4141356.41       28.97529  (09110417)                578565.01
4141356.41       29.88239  (09110417)
        578585.01   4141356.41       29.75758  (09110417)                578605.01
4141356.41       30.73694  (14122618)
        578625.01   4141356.41       33.57449  (14122618)                578645.01
4141356.41       33.99088  (14122618)
        578665.01   4141356.41       31.93826  (14122618)                578685.01
4141356.41       34.36837  (14111117)
        579025.01   4141356.41       43.24905  (09110418)                579045.01
4141356.41       44.48434  (14122618)
        579065.01   4141356.41       46.93116  (14122618)                579085.01
4141356.41       49.59911  (14122618)
        579105.01   4141356.41       52.49815  (14122618)                579125.01
4141356.41       55.67961  (14122618)
        579145.01   4141356.41       59.14312  (14122618)                579165.01
4141356.41       62.81874  (14122618)
        579185.01   4141356.41       66.68734  (14122618)                579205.01
4141356.41       73.67129  (16010118)
        579225.01   4141356.41       82.98692  (16010118)                579245.01
4141356.41       93.11126  (16010118)
        579265.01   4141356.41      101.31936  (09120917)                579285.01
4141356.41      122.34393  (09120917)
        579305.01   4141356.41      139.55610  (17122518)                578385.01
4141376.41       28.43330  (09110418)
        578405.01   4141376.41       29.55220  (09110418)                578425.01
4141376.41       30.61848  (09110418)
        578445.01   4141376.41       31.31439  (09110418)                578465.01
4141376.41       31.79701  (09110418)
        578485.01   4141376.41       31.99236  (09110418)                578505.01
4141376.41       31.46850  (09110418)
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        578525.01   4141376.41       30.27862  (09110418)                578545.01
4141376.41       30.01814  (09110418)
        578565.01   4141376.41       30.76395  (09110417)                578585.01
4141376.41       32.18782  (09110417)
        578605.01   4141376.41       32.33968  (09110417)                578625.01
4141376.41       33.31819  (14122618)
        578645.01   4141376.41       36.74254  (14122618)                578665.01
4141376.41       37.22938  (14122618)
        578685.01   4141376.41       34.78279  (14111117)                579005.01
4141376.41       43.99785  (09110418)
        579025.01   4141376.41       45.64553  (09110418)                579045.01
4141376.41       47.39690  (09110418)
        579065.01   4141376.41       49.24843  (09110418)                579085.01
4141376.41       51.13545  (09110418)
        579105.01   4141376.41       53.62860  (14122618)                579125.01
4141376.41       56.99092  (14122618)
        579145.01   4141376.41       60.76684  (14122618)                579165.01
4141376.41       65.03585  (14122618)
        579185.01   4141376.41       69.83762  (14122618)                579205.01
4141376.41       75.16841  (14122618)
        579225.01   4141376.41       84.26419  (16010118)                579245.01
4141376.41       96.08963  (16010118)
        579265.01   4141376.41      109.21628  (16010118)                579285.01
4141376.41      126.84389  (09120917)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 950
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                   HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                   HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                   HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)   CONC   (YYMMDDHH)
 -
        579305.01   4141376.41   152.76093 (17122518)   579385.01
4141396.41   29.34891 (09122618)
        578405.01   4141396.41   29.44230 (09122618)   578425.01
4141396.41   30.29740 (09110418)
        578445.01   4141396.41   31.83316 (09110418)   578465.01
4141396.41   32.87892 (09110418)
        578485.01   4141396.41   33.74445 (09110418)   578505.01
4141396.41   34.38860 (09110418)
        578525.01   4141396.41   33.90710 (09110418)   578545.01
4141396.41   33.80720 (09110418)
        578565.01   4141396.41   32.92749 (09110418)   578585.01
4141396.41   32.65129 (09110417)
        578605.01   4141396.41   34.80841 (09110417)   578625.01
4141396.41   35.44798 (09110417)
        578645.01   4141396.41   36.33449 (14122618)   578665.01
4141396.41   40.59070 (14122618)
        579005.01   4141396.41   45.73584 (09110418)   579025.01
4141396.41   47.59680 (09110418)
        579045.01   4141396.41   49.64339 (09110418)   579065.01
4141396.41   51.90650 (09110418)
        579085.01   4141396.41   54.39495 (09110418)   579105.01
4141396.41   57.08821 (09110418)
        579125.01   4141396.41   60.05838 (09110418)   579145.01
4141396.41   63.20736 (09110418)
        579165.01   4141396.41   69.06149 (14122016)   579185.01
4141396.41   76.69690 (14122016)
        579205.01   4141396.41   85.17551 (14122016)   579225.01
4141396.41   93.29287 (14122016)
        579245.01   4141396.41   100.95910 (14122016)   579265.01
4141396.41   114.48609 (16010118)
        579285.01   4141396.41   133.28855 (16010118)   579305.01
4141396.41   165.81005 (09120917)
        578385.01   4141416.41   30.93392 (09122618)   578405.01
4141416.41   31.47809 (09122618)
        578425.01   4141416.41   31.80609 (09122618)   578445.01
4141416.41   31.92140 (09122618)
        578465.01   4141416.41   32.45528 (09110418)   578485.01
4141416.41   34.18973 (09110418)
        578505.01   4141416.41   35.81851 (09110418)   578525.01
4141416.41   36.84514 (09110418)
        578545.01   4141416.41   37.31267 (09110418)   578565.01
4141416.41   37.39224 (09110418)
        578585.01   4141416.41   36.65126 (09110418)   578605.01
4141416.41   35.57669 (14122016)
        578625.01   4141416.41   37.73618 (09110417)   578645.01
4141416.41   39.16825 (09110417)
        578665.01   4141416.41   39.86234 (14122618)   579025.01

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4141416.41       49.61649  (09110418)
        579045.01   4141416.41       51.86502  (09110418)                579065.01
4141416.41       54.38524  (09110418)
        579085.01   4141416.41       57.29899  (09110418)                579105.01
4141416.41       60.55967  (09110418)
        579125.01   4141416.41       64.32017  (09110418)                579145.01
4141416.41       68.55114  (09110418)
        579165.01   4141416.41       74.82477  (14122016)                579185.01
4141416.41       83.44257  (14122016)
        579205.01   4141416.41       94.42604  (14122016)                579225.01
4141416.41      108.41559  (14122016)
        579245.01   4141416.41      124.99091  (14122016)                579265.01
4141416.41      144.29556  (14122016)
        579285.01   4141416.41      161.95462  (14122016)                579305.01
4141416.41      176.33381  (09120917)
        578385.01   4141436.41       31.38527  (09122618)                578405.01
4141436.41       32.42292  (09122618)
        578425.01   4141436.41       33.30356  (09122618)                578445.01
4141436.41       33.91821  (09122618)
        578465.01   4141436.41       34.40448  (09122618)                578485.01
4141436.41       34.69290  (09122618)
        578505.01   4141436.41       35.17410  (09110418)                578525.01
4141436.41       37.29685  (09110418)
        578545.01   4141436.41       39.24715  (09110418)                578565.01
4141436.41       40.68826  (09110418)
        578585.01   4141436.41       41.20613  (09110418)                578605.01
4141436.41       40.99723  (09110418)
        578625.01   4141436.41       41.05347  (14122016)                578645.01
4141436.41       41.46029  (14122016)
        579025.01   4141436.41       51.99578  (09110418)                579045.01
4141436.41       54.50506  (09110418)
        579065.01   4141436.41       57.34049  (09110418)                579085.01
4141436.41       60.62960  (09110418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 951
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                   HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                   HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                   HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
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, HAUL0074   , HAUL0075   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579105.01	4141436.41	64.35647	(09110418)	579125.01	4141436.41	68.73109	(09110418)
579145.01	4141436.41	73.87331	(09110418)	579165.01	4141436.41	82.12273	(14122016)
579185.01	4141436.41	93.65120	(14122016)	579205.01	4141436.41	107.38217	(14122016)
579225.01	4141436.41	124.46551	(14122016)	579245.01	4141436.41	146.92822	(14122016)
579265.01	4141436.41	174.56778	(14122016)	579285.01	4141436.41	161.93239	(15010618)
579305.01	4141436.41	148.79165	(15010618)	579325.01	4141436.41	163.09705	(17122518)
578385.01	4141456.41	30.30579	(09122618)	578405.01	4141456.41	31.86742	(09122618)
578425.01	4141456.41	33.34326	(09122618)	578445.01	4141456.41	34.64361	(09122618)
578465.01	4141456.41	35.83674	(09122618)	578485.01	4141456.41	36.81261	(09122618)
578505.01	4141456.41	37.87201	(09122618)	578525.01	4141456.41	38.31523	(09122618)
578545.01	4141456.41	38.86011	(09122618)	578565.01	4141456.41	41.19963	(09110418)
578585.01	4141456.41	43.40612	(09110418)	578605.01	4141456.41	45.13288	(09110418)
578625.01	4141456.41	45.92848	(09110418)	578645.01	4141456.41	46.68498	(14122016)
579045.01	4141456.41	57.78904	(09110418)	579065.01	4141456.41	61.07670	(09110418)
579085.01	4141456.41	64.79120	(09110418)	579105.01	4141456.41	69.13088	(09110418)
579125.01	4141456.41	74.32881	(09110418)	579145.01	4141456.41	82.66073	(14122016)
579165.01	4141456.41	93.70922	(14122016)	579185.01	4141456.41	107.70301	(14122016)
579205.01	4141456.41	125.42613	(14122016)	579225.01	4141456.41	149.35187	(14122016)
579245.01	4141456.41	144.48558	(13112018)	579265.01	4141456.41	182.42839	(15010618)

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        578385.01   4141476.41       29.05487  (16010517)                578405.01
4141476.41       30.05176  (16010517)
        578425.01   4141476.41       31.58995  (09122618)                578445.01
4141476.41       33.53897  (09122618)
        578465.01   4141476.41       35.36014  (09122618)                578485.01
4141476.41       37.01231  (09122618)
        578505.01   4141476.41       38.81134  (09122618)                578525.01
4141476.41       40.33030  (09122618)
        578545.01   4141476.41       41.83356  (09122618)                578565.01
4141476.41       42.93000  (09122618)
        578585.01   4141476.41       43.71872  (09122618)                578605.01
4141476.41       45.85537  (09110418)
        578625.01   4141476.41       48.90114  (09110418)                578645.01
4141476.41       51.19691  (09110418)
        579065.01   4141476.41       65.78810  (09110418)                579085.01
4141476.41       70.29956  (09110418)
        579105.01   4141476.41       75.91395  (12010417)                579125.01
4141476.41       84.17930  (14122016)
        579145.01   4141476.41       95.86507  (14122016)                579165.01
4141476.41      110.95315  (14122016)
        579185.01   4141476.41      128.41140  (14122016)                579205.01
4141476.41      151.85113  (14122016)
        579225.01   4141476.41      182.09071  (16112616)                578385.01
4141496.41       27.97144  (16010517)
        578405.01   4141496.41       29.30587  (16010517)                578425.01
4141496.41       30.66494  (16010517)
        578445.01   4141496.41       32.02102  (16010517)                578465.01
4141496.41       33.33057  (16010517)
        578485.01   4141496.41       34.96853  (09122618)                578505.01
4141496.41       37.41509  (09122618)
        578525.01   4141496.41       39.77773  (09122618)                578545.01
4141496.41       42.13512  (09122618)
        578565.01   4141496.41       44.43852  (09122618)                578585.01
4141496.41       46.53099  (09122618)
        578605.01   4141496.41       48.41668  (09122618)                578625.01
4141496.41       50.01969  (09122618)
        578645.01   4141496.41       51.91936  (09110418)                579085.01
4141496.41       80.11296  (10012218)
        579105.01   4141496.41       89.10039  (10012218)                579125.01
4141496.41      100.24470  (10012218)
        579145.01   4141496.41      115.50412  (14122016)                579165.01
4141496.41      136.33521  (10012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                  PAGE 952
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***

INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 , HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 , HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 , HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141496.41	155.15608	(13112018)	579205.01	4141496.41	157.98759	(15010618)
578385.01	4141516.41	26.91970	(12010417)	578405.01	4141516.41	27.50164	(12010417)
578425.01	4141516.41	28.69217	(16010517)	578445.01	4141516.41	30.36038	(16010517)
578465.01	4141516.41	32.06745	(16010517)	578485.01	4141516.41	33.81772	(16010517)
578505.01	4141516.41	35.59147	(16010517)	578525.01	4141516.41	37.48328	(16010517)
578545.01	4141516.41	39.54080	(09122618)	578565.01	4141516.41	42.59485	(09122618)
578585.01	4141516.41	45.74436	(09122618)	578605.01	4141516.41	48.90531	(09122618)
578625.01	4141516.41	52.01645	(09122618)	578645.01	4141516.41	55.16169	(09122618)
579085.01	4141516.41	96.08354	(10012218)	579105.01	4141516.41	108.71158	(10012218)
579125.01	4141516.41	125.56408	(10012218)	579145.01	4141516.41	162.48832	(16112616)
579165.01	4141516.41	155.05089	(16112616)	578385.01	4141536.41	28.44642	(12010417)
578405.01	4141536.41	29.21747	(12010417)	578425.01	4141536.41	30.02797	(12010417)
578445.01	4141536.41	30.88617	(12010417)	578465.01	4141536.41	31.76912	(12010417)
578485.01	4141536.41	32.70419	(12010417)	578505.01	4141536.41	33.67147	(12010417)
578525.01	4141536.41	35.43151	(16010517)	578545.01			

4141536.41 37.62219 (16010517)
578565.01 4141536.41 40.04616 (16010517) 578585.01
4141536.41 42.52836 (16010517)
578605.01 4141536.41 45.50577 (09122618) 578625.01
4141536.41 49.62418 (09122618)
578645.01 4141536.41 53.94670 (09122618) 578665.01
4141536.41 58.48734 (09122618)
579105.01 4141536.41 145.86822 (16112616) 579125.01
4141536.41 167.02148 (16112616)
579185.01 4141536.41 169.27016 (15122118) 578385.01
4141556.41 28.93205 (12010417)
578405.01 4141556.41 29.87104 (12010417) 578425.01
4141556.41 30.85558 (12010417)
578445.01 4141556.41 31.89435 (12010417) 578465.01
4141556.41 33.00572 (12010417)
578485.01 4141556.41 34.16886 (12010417) 578505.01
4141556.41 35.39829 (12010417)
578525.01 4141556.41 36.77031 (12010417) 578545.01
4141556.41 38.11972 (12010417)
578565.01 4141556.41 39.66210 (12010417) 578585.01
4141556.41 41.33248 (12010417)
578605.01 4141556.41 43.18164 (12010417) 578625.01
4141556.41 45.62950 (16010517)
578645.01 4141556.41 49.11997 (16010517) 578665.01
4141556.41 53.80357 (09122618)
578685.01 4141556.41 59.55455 (09122618) 579165.01
4141556.41 162.27607 (17111017)
579185.01 4141556.41 167.55505 (14121716) 579205.01
4141556.41 125.67225 (16121017)
578385.01 4141576.41 29.05806 (14120117) 578405.01
4141576.41 30.07536 (14120117)
578425.01 4141576.41 31.16604 (14120117) 578445.01
4141576.41 32.33872 (14120117)
578465.01 4141576.41 33.58592 (14120117) 578485.01
4141576.41 34.93666 (14120117)
578505.01 4141576.41 36.41042 (14120117) 578525.01
4141576.41 38.05689 (14120117)
578545.01 4141576.41 39.73523 (14120117) 578565.01
4141576.41 41.62728 (14120117)
578585.01 4141576.41 43.71463 (14120117) 578605.01
4141576.41 46.04181 (14120117)
578625.01 4141576.41 48.66105 (14120117) 578645.01
4141576.41 51.65059 (14120117)
578665.01 4141576.41 55.01737 (14120117) 578685.01
4141576.41 58.88553 (14120117)
578705.01 4141576.41 63.42638 (14120117) 579145.01
4141576.41 156.20718 (12111617)
579165.01 4141576.41 148.48386 (14121716) 579185.01
4141576.41 112.52478 (16121017)
579205.01 4141576.41 91.90585 (16120918) 579225.01

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22 ***
                                    INCLUDING SOURCE(S):   HAUL0048   , HAUL0049
, HAUL0050   , HAUL0051   , HAUL0052   ,
                   HAUL0053   , HAUL0054   , HAUL0055   , HAUL0056   , HAUL0057
, HAUL0058   , HAUL0059   , HAUL0060   ,
                   HAUL0061   , HAUL0062   , HAUL0063   , HAUL0064   , HAUL0065
, HAUL0066   , HAUL0067   , HAUL0068   ,
                   HAUL0069   , HAUL0070   , HAUL0071   , HAUL0072   , HAUL0073
, HAUL0074   , HAUL0075   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579245.01   4141576.41   72.20135 (16120918)   579265.01
4141576.41   66.43480 (09112618)
        578385.01   4141596.41   32.66032 (14120117)   578405.01
4141596.41   33.80965 (14120117)
        578425.01   4141596.41   35.01525 (14120117)   578445.01
4141596.41   36.31480 (14120117)
        578465.01   4141596.41   37.69391 (14120117)   578485.01
4141596.41   39.17491 (14120117)
        578505.01   4141596.41   40.79959 (14120117)   578525.01
4141596.41   42.56453 (14120117)
        578545.01   4141596.41   44.38625 (14120117)   578565.01
4141596.41   46.41550 (14120117)
        578585.01   4141596.41   48.59868 (14120117)   578605.01
4141596.41   50.97368 (14120117)
        578625.01   4141596.41   53.59303 (14120117)   578645.01
4141596.41   56.49882 (14120117)
        578665.01   4141596.41   59.75863 (14120117)   578685.01
4141596.41   63.38066 (14120117)
        578705.01   4141596.41   67.37663 (14120117)   578725.01
4141596.41   72.07338 (14120117)

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        578745.01   4141596.41       77.68148  (14120117)               579105.01
4141596.41      182.77242  (17111017)
        579145.01   4141596.41      125.20451  (14121716)               579165.01
4141596.41      102.03482  (16121017)
        579185.01   4141596.41       85.59758  (16120918)               579205.01
4141596.41       75.97951  (16120918)
        579225.01   4141596.41       68.38443  (16120918)               579245.01
4141596.41       62.49203  (16120918)
        579265.01   4141596.41       59.19927  (09112618)               579285.01
4141596.41       59.87674  (09112618)
        579305.01   4141596.41       64.77104  (09112618)               579325.01
4141596.41       73.86324  (16120918)
        579345.01   4141596.41       91.69418  (14122016)               578385.01
4141616.41       35.18946  (14120117)
        578405.01   4141616.41       36.38425  (14120117)               578425.01
4141616.41       37.64225  (14120117)
        578445.01   4141616.41       38.96459  (14120117)               578465.01
4141616.41       40.36634  (14120117)
        578485.01   4141616.41       41.85795  (14120117)               578505.01
4141616.41       43.46926  (14120117)
        578525.01   4141616.41       45.23823  (14120117)               578545.01
4141616.41       47.00033  (14120117)
        578565.01   4141616.41       48.98047  (14120117)               578585.01
4141616.41       51.07736  (14120117)
        578605.01   4141616.41       53.34333  (14120117)               578625.01
4141616.41       55.80788  (14120117)
        578645.01   4141616.41       58.46938  (14120117)               578665.01
4141616.41       61.44910  (14120117)
        578685.01   4141616.41       64.81522  (14120117)               578705.01
4141616.41       68.61270  (14120117)
        578725.01   4141616.41       72.91112  (14120117)               578745.01
4141616.41       78.00638  (14120117)
        579065.01   4141616.41      168.57073  (15122118)               579085.01
4141616.41      160.37538  (14121716)
        579105.01   4141616.41      136.44226  (14121716)               579125.01
4141616.41      111.31555  (16121017)
        579165.01   4141616.41       80.08564  (16120918)               579185.01
4141616.41       71.93686  (16120918)
        579205.01   4141616.41       65.11966  (16120918)               579225.01
4141616.41       59.55652  (16120918)
        579245.01   4141616.41       55.42592  (16120918)               579265.01
4141616.41       54.02170  (09112618)
        579285.01   4141616.41       55.75621  (09112618)               579305.01
4141616.41       60.82115  (16120918)
        579325.01   4141616.41       69.39947  (16120918)               579345.01
4141616.41       82.90607  (16120918)
        578385.01   4141636.41       36.31223  (14120117)               578405.01
4141636.41       37.45742  (14120117)
        578425.01   4141636.41       38.66102  (14120117)               578445.01
4141636.41       39.93308  (14120117)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141636.41	61.37549	(14120117)	578685.01	4141636.41	64.69688	(14120117)
578705.01	4141636.41	68.49154	(14120117)	578725.01	4141636.41	72.75171	(14120117)
579045.01	4141636.41	182.52284	(12111617)	579065.01	4141636.41	150.19793	(13111918)
579085.01	4141636.41	118.63509	(13111918)	579105.01	4141636.41	100.56983	(16121017)
579125.01	4141636.41	86.43577	(16121017)	579165.01	4141636.41	68.24138	(16120918)
579185.01	4141636.41	62.19017	(16120918)	579205.01			

4141636.41 57.05442 (16120918)
579225.01 4141636.41 52.88916 (16120918) 579245.01
4141636.41 50.24363 (16120918)
579265.01 4141636.41 50.13396 (09112618) 579285.01
4141636.41 52.71682 (16120918)
579305.01 4141636.41 57.99266 (16120918) 579325.01
4141636.41 65.53222 (16120918)
579345.01 4141636.41 76.70371 (16120918) 578385.01
4141656.41 35.84706 (14120117)
578405.01 4141656.41 36.86693 (14120117) 578425.01
4141656.41 37.92227 (14120117)
578445.01 4141656.41 39.04771 (14120117) 578465.01
4141656.41 40.26131 (14120117)
578485.01 4141656.41 41.51586 (14120117) 578505.01
4141656.41 42.89362 (14120117)
578525.01 4141656.41 44.30319 (14120117) 578545.01
4141656.41 45.83223 (14120117)
578565.01 4141656.41 47.50278 (14120117) 578585.01
4141656.41 49.32484 (14120117)
578605.01 4141656.41 51.32391 (14120117) 578625.01
4141656.41 53.55462 (14120117)
578645.01 4141656.41 55.98877 (14120117) 578665.01
4141656.41 58.77341 (10012218)
578685.01 4141656.41 62.04446 (10012218) 578705.01
4141656.41 65.68652 (10012218)
578725.01 4141656.41 69.95781 (10012218) 579005.01
4141656.41 176.80533 (14121717)
579025.01 4141656.41 163.07834 (14121716) 579045.01
4141656.41 129.25102 (13111918)
579065.01 4141656.41 105.42042 (16121017) 579085.01
4141656.41 91.81723 (16121017)
579105.01 4141656.41 80.32783 (16121017) 579125.01
4141656.41 70.39203 (16120918)
579145.01 4141656.41 64.75687 (16120918) 579185.01
4141656.41 54.86705 (16120918)
579205.01 4141656.41 50.86607 (16120918) 579225.01
4141656.41 47.82536 (16120918)
579245.01 4141656.41 46.44939 (16120918) 579265.01
4141656.41 47.27282 (16120918)
579285.01 4141656.41 50.41319 (16120918) 579305.01
4141656.41 55.48644 (16120918)
579325.01 4141656.41 62.09944 (16120918) 579345.01
4141656.41 71.55871 (16120918)
578385.01 4141676.41 34.00888 (10012218) 578405.01
4141676.41 34.88416 (10012218)
578425.01 4141676.41 35.79549 (10012218) 578445.01
4141676.41 36.76699 (10012218)
578465.01 4141676.41 37.81029 (10012218) 578485.01
4141676.41 38.88533 (10012218)
578505.01 4141676.41 40.06030 (10012218) 578525.01

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4141676.41       41.26592  (10012218)
        578545.01   4141676.41       42.56588  (10012218)                578565.01
4141676.41       43.97203  (10012218)
        578585.01   4141676.41       45.50358  (10012218)                578605.01
4141676.41       47.16915  (10012218)
        578625.01   4141676.41       49.02281  (10012218)                578645.01
4141676.41       51.09652  (10012218)
        578665.01   4141676.41       53.62951  (10122809)                578685.01
4141676.41       57.46066  (10122809)
        578705.01   4141676.41       61.72761  (10122809)                578985.01
4141676.41      161.97184  (12111617)
        579005.01   4141676.41      140.00082  (13111918)                579025.01
4141676.41      113.66083  (13111918)
        579045.01   4141676.41       95.59687  (16121017)                579065.01
4141676.41       84.46425  (16121017)
        579085.01   4141676.41       74.92845  (16121017)                579105.01
4141676.41       66.03731  (16121017)
        579125.01   4141676.41       61.40202  (16120918)                579145.01
4141676.41       57.00372  (16120918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 955
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                   HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                   HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                   HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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4141676.41       49.13927  (16120918)
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        579245.01   4141676.41       43.58771  (16120918)               579265.01
4141676.41       45.21797  (16120918)
        579285.01   4141676.41       48.48670  (16120918)               579305.01
4141676.41       52.95181  (16120918)
        579325.01   4141676.41       59.26614  (16120918)               579345.01
4141676.41       68.29993  (16120918)
        578385.01   4141696.41       31.34451  (10012218)               578405.01
4141696.41       31.97245  (10012218)
        578425.01   4141696.41       32.64046  (10012218)               578445.01
4141696.41       33.34759  (10012218)
        578465.01   4141696.41       34.06316  (10012218)               578485.01
4141696.41       34.79971  (10012218)
        578505.01   4141696.41       35.60604  (10012218)               578525.01
4141696.41       37.27693  (10122809)
        578565.01   4141696.41       41.94680  (10122809)               578585.01
4141696.41       44.44189  (10122809)
        578605.01   4141696.41       47.06871  (10122809)               578625.01
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        578645.01   4141696.41       52.84534  (10122809)               578665.01
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        578685.01   4141696.41       60.66441  (14120318)               578945.01
4141696.41      178.22232  (14121717)
        578965.01   4141696.41      150.20686  (12111617)               578985.01
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        579005.01   4141696.41      101.08702  (13111918)               579025.01
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        579045.01   4141696.41       78.07284  (16121017)               579065.01
4141696.41       70.06177  (16121017)
        579085.01   4141696.41       62.46537  (16121017)               579105.01
4141696.41       58.20385  (16120918)
        579125.01   4141696.41       54.53391  (16120918)               579145.01
4141696.41       50.94177  (16120918)
        579165.01   4141696.41       47.53654  (16120918)               579185.01
4141696.41       44.50897  (16120918)
        579205.01   4141696.41       42.13957  (16120918)               579225.01
4141696.41       40.94588  (16120918)
        579245.01   4141696.41       41.33311  (16120918)               579265.01
4141696.41       43.38833  (16120918)
        579285.01   4141696.41       46.68979  (16120918)               579305.01
4141696.41       50.88336  (16120918)
        579325.01   4141696.41       56.73184  (16120918)               579345.01
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        578385.01   4141716.41       27.53447  (10012218)               578405.01
4141716.41       28.75348  (10122809)
        578425.01   4141716.41       30.49484  (10122809)               578445.01
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4141716.41       35.95275  (10122809)
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4141716.41       52.37363  (14120318)
        578645.01   4141716.41       55.92630  (14120318)                578665.01
4141716.41       59.57929  (14120318)
        578685.01   4141716.41       63.37693  (14120318)                578905.01
4141716.41      174.28018  (15122118)
        578925.01   4141716.41      153.74893  (12111617)                578945.01
4141716.41      125.20969  (12111617)
        578965.01   4141716.41      107.09422  (16032118)                578985.01
4141716.41       90.03999  (13111918)
        579005.01   4141716.41       79.70854  (16121017)                579025.01
4141716.41       72.26876  (16121017)
        579045.01   4141716.41       65.55316  (16121017)                579065.01
4141716.41       59.06493  (16121017)
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        579125.01   4141716.41       49.05069  (16120918)                579145.01
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4141716.41       40.73355  (16120918)
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        579245.01   4141716.41       39.49323  (16120918)                579265.01
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4141716.41       48.83040  (16120918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 956
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                   HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                   HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                   HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578385.01	4141736.41	29.82350	(10122809)	578405.01	4141736.41	31.33811	(10122809)
578425.01	4141736.41	32.86097	(10122809)	578445.01	4141736.41	34.37930	(10122809)
578465.01	4141736.41	35.89655	(10122809)	578485.01	4141736.41	37.42144	(10122809)
578505.01	4141736.41	38.98461	(10122809)	578625.01	4141736.41	53.73954	(14120318)
578645.01	4141736.41	56.16046	(14120318)	578665.01	4141736.41	58.37290	(14120318)
578865.01	4141736.41	140.04196	(15122118)	578885.01	4141736.41	136.79135	(14121717)
578905.01	4141736.41	124.75328	(12111617)	578925.01	4141736.41	106.21506	(12122818)
578945.01	4141736.41	90.28452	(13111918)	578965.01	4141736.41	80.78598	(14121918)
578985.01	4141736.41	74.21431	(16032118)	579005.01	4141736.41	66.80848	(16121017)
579025.01	4141736.41	61.27488	(16121017)	579045.01	4141736.41	55.78707	(16121017)
579065.01	4141736.41	52.14433	(16120918)	579085.01	4141736.41	49.63967	(16120918)
579105.01	4141736.41	47.13708	(16120918)	579125.01	4141736.41	44.51663	(16120918)
579145.01	4141736.41	41.91406	(16120918)	579165.01	4141736.41	39.53433	(16120918)
579185.01	4141736.41	37.65210	(16120918)	579205.01	4141736.41	36.61877	(16120918)
579225.01	4141736.41	36.74189	(16120918)	579245.01	4141736.41	38.05076	(16120918)
579265.01	4141736.41	40.29185	(16120918)	579285.01	4141736.41	43.31637	(16120918)
579305.01	4141736.41	47.18109	(16120918)	579325.01	4141736.41	52.07570	(16120918)
579345.01	4141736.41	58.75202	(16120918)	578385.01	4141756.41	31.34169	(10122809)
578405.01	4141756.41	32.54036	(10122809)	578425.01	4141756.41	33.70164	(10122809)
578445.01	4141756.41	34.81754	(10122809)	578465.01	4141756.41	36.73492	(14120318)
578485.01	4141756.41	38.81488	(14120318)	578845.01			

4141756.41   117.02351 (15122118)
        578865.01   4141756.41   113.44837 (10122418)   578885.01
4141756.41   105.52808 (12111617)
        578905.01   4141756.41   92.82707 (12122818)   578925.01
4141756.41   81.48611 (14121918)
        578945.01   4141756.41   73.93253 (14121918)   578965.01
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        578985.01   4141756.41   61.63818 (16121017)   579005.01
4141756.41   57.17185 (16121017)
        579025.01   4141756.41   52.94260 (14120417)   579045.01
4141756.41   49.37085 (16120918)
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4141756.41   45.16354 (16120918)
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4141756.41   36.50339 (16120918)
        579185.01   4141756.41   35.13756 (16120918)   579205.01
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        579225.01   4141756.41   35.22707 (16120918)   579245.01
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4141756.41   41.87785 (16120918)
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4141756.41   50.08940 (16120918)
        579345.01   4141756.41   56.13956 (16120918)   578385.01
4141776.41   31.61377 (14120318)
        578405.01   4141776.41   33.31129 (14120318)   578425.01
4141776.41   34.95617 (14120318)
        578445.01   4141776.41   36.56572 (14120318)   578465.01
4141776.41   38.13972 (14120318)
        578485.01   4141776.41   39.65076 (14120318)   578825.01
4141776.41   99.42539 (15122118)
        578845.01   4141776.41   97.34269 (10122418)   578865.01
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        578885.01   4141776.41   82.55216 (12122818)   578905.01
4141776.41   74.39455 (14121918)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22 ***
                                   INCLUDING SOURCE(S):   HAUL0048   , HAUL0049
, HAUL0050   , HAUL0051   , HAUL0052   ,
                HAUL0053   , HAUL0054   , HAUL0055   , HAUL0056   , HAUL0057

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, HAUL0058    , HAUL0059    , HAUL0060    ,
                HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578925.01   4141776.41       68.25261  (14121918)               578945.01
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4141776.41       47.14749  (14120417)
        579045.01   4141776.41       44.91308  (16120918)               579065.01
4141776.41       43.19027  (16120918)
        579085.01   4141776.41       41.38818  (16120918)               579105.01
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4141776.41       35.53721  (14120418)
        579165.01   4141776.41       33.97566  (16120918)               579185.01
4141776.41       33.08535  (16120918)
        579205.01   4141776.41       33.06051  (16120918)               579225.01
4141776.41       33.95073  (16120918)
        579245.01   4141776.41       35.61322  (16120918)               579265.01
4141776.41       37.83715  (16120918)
        579285.01   4141776.41       40.56915  (16120918)               579305.01
4141776.41       43.78549  (16120918)
        579325.01   4141776.41       48.20997  (16120918)               579345.01
4141776.41       53.76819  (16120918)
        578405.01   4141796.41       34.32980  (14120318)               578425.01
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4141796.41       39.76313  (16120918)
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4141796.41       36.43499  (14120418)
        579125.01   4141796.41       34.69306  (14120418)                579145.01
4141796.41       33.08829  (14120418)
        579165.01   4141796.41       31.87330  (16120918)                579185.01
4141796.41       31.40473  (16120918)
        579205.01   4141796.41       31.73933  (16120918)                579225.01
4141796.41       32.84086  (16120918)
        579245.01   4141796.41       34.51902  (16120918)                579265.01
4141796.41       36.70444  (16120918)
        579285.01   4141796.41       39.23107  (16120918)                579305.01
4141796.41       42.33003  (16120918)
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4141816.41       65.81270  (10122417)
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4141816.41       55.07383  (14121918)
        578925.01   4141816.41       50.72357  (14121918)                578945.01
4141816.41       47.83210  (14120417)
        578965.01   4141816.41       45.53399  (14120417)                578985.01
4141816.41       43.19155  (14120417)
        579005.01   4141816.41       40.65111  (14120417)                579025.01
4141816.41       39.37903  (16120918)
        579045.01   4141816.41       38.14516  (16120918)                579065.01
4141816.41       36.81852  (14120418)
        579085.01   4141816.41       35.39816  (14120418)                579105.01
4141816.41       33.85654  (14120418)
        579125.01   4141816.41       32.32300  (14120418)                579145.01
4141816.41       31.00052  (14120418)
        579165.01   4141816.41       30.12571  (14120418)                579185.01
4141816.41       30.01689  (16120918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22 ***
                                   INCLUDING SOURCE(S):   HAUL0048   , HAUL0049
, HAUL0050   , HAUL0051   , HAUL0052   ,
                  HAUL0053   , HAUL0054   , HAUL0055   , HAUL0056   , HAUL0057
, HAUL0058   , HAUL0059   , HAUL0060   ,
                  HAUL0061   , HAUL0062   , HAUL0063   , HAUL0064   , HAUL0065
, HAUL0066   , HAUL0067   , HAUL0068   ,
                  HAUL0069   , HAUL0070   , HAUL0071   , HAUL0072   , HAUL0073
, HAUL0074   , HAUL0075   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579205.01   4141816.41   30.62277 (16120918)   579225.01
4141816.41   31.85079 (16120918)
        579245.01   4141816.41   33.51538 (16120918)   579265.01
4141816.41   35.52169 (16120918)
        579285.01   4141816.41   38.00156 (16120918)   579305.01
4141816.41   41.05751 (16120918)
        579325.01   4141816.41   44.68702 (16120918)   579345.01
4141816.41   49.34653 (16120918)
        578565.01   4141836.41   54.45835 (09122918)   578585.01
4141836.41   55.88984 (09122918)
        578605.01   4141836.41   57.28063 (10122417)   578625.01
4141836.41   58.91456 (10122417)
        578645.01   4141836.41   58.90831 (10122417)   578665.01
4141836.41   57.82100 (12120418)
        578685.01   4141836.41   60.16921 (12120418)   578705.01
4141836.41   64.00974 (15122118)
        578725.01   4141836.41   68.75529 (15122118)   578765.01
4141836.41   69.44012 (10122418)
        578785.01   4141836.41   68.06187 (12111617)   578805.01
4141836.41   66.31941 (12122818)
        578825.01   4141836.41   61.86372 (12122818)   578845.01
4141836.41   58.36469 (14121918)
        578865.01   4141836.41   55.87610 (14121918)   578885.01
4141836.41   52.12269 (14121918)
        578905.01   4141836.41   48.17731 (14121918)   578925.01

4141836.41 45.55116 (14120417)
578945.01 4141836.41 43.49661 (14120417) 578965.01
4141836.41 41.42520 (14120417)
578985.01 4141836.41 39.19496 (14120417) 579005.01
4141836.41 37.63194 (14120418)
579025.01 4141836.41 36.57088 (14120418) 579045.01
4141836.41 35.50202 (14120418)
579065.01 4141836.41 34.32288 (14120418) 579085.01
4141836.41 32.99843 (14120418)
579105.01 4141836.41 31.59637 (14120418) 579125.01
4141836.41 30.26972 (14120418)
579145.01 4141836.41 29.22609 (14120418) 579165.01
4141836.41 28.67369 (14120418)
579185.01 4141836.41 28.85520 (16120918) 579205.01
4141836.41 29.65264 (16120918)
579225.01 4141836.41 30.94638 (16120918) 579245.01
4141836.41 32.60053 (16120918)
579265.01 4141836.41 34.52641 (16120918) 579285.01
4141836.41 36.86525 (16120918)
579305.01 4141836.41 39.71671 (16120918) 579325.01
4141836.41 43.13239 (16120918)
579345.01 4141836.41 47.75071 (16120918) 578565.01
4141856.41 51.83881 (10122417)
578585.01 4141856.41 53.28125 (10122417) 578605.01
4141856.41 53.45709 (10122417)
578625.01 4141856.41 52.13651 (10122417) 578645.01
4141856.41 53.96498 (12120418)
578665.01 4141856.41 54.97256 (15122118) 578685.01
4141856.41 60.25096 (15122118)
578705.01 4141856.41 63.21772 (15122118) 578725.01
4141856.41 63.00116 (15122118)
578745.01 4141856.41 63.41608 (10122418) 578765.01
4141856.41 62.25532 (12111617)
578785.01 4141856.41 60.83601 (12122818) 578805.01
4141856.41 57.08313 (12122818)
578825.01 4141856.41 54.15444 (14121918) 578845.01
4141856.41 52.59212 (14121918)
578865.01 4141856.41 49.51827 (14121918) 578885.01
4141856.41 45.94669 (14121918)
578905.01 4141856.41 43.52303 (14120417) 578925.01
4141856.41 41.66366 (14120417)
578945.01 4141856.41 39.80731 (14120417) 578965.01
4141856.41 37.82562 (14120417)
578985.01 4141856.41 36.09767 (14120418) 579005.01
4141856.41 35.14035 (14120418)
579025.01 4141856.41 34.21712 (14120418) 579045.01
4141856.41 33.23021 (14120418)
579065.01 4141856.41 32.11242 (14120418) 579085.01
4141856.41 30.87271 (14120418)
579105.01 4141856.41 29.61292 (14120418) 579125.01

4141856.41 28.49755 (14120418)
  579145.01 4141856.41 27.72277 (14120418) 579165.01
4141856.41 27.45835 (14120418)
  579185.01 4141856.41 27.86536 (16120918) 579205.01
4141856.41 28.78817 (16120918)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP22 ***
INCLUDING SOURCE(S): HAUL0048 , HAUL0049 , HAUL0050 , HAUL0051 , HAUL0052 ,
HAUL0053 , HAUL0054 , HAUL0055 , HAUL0056 , HAUL0057 , HAUL0058 , HAUL0059 , HAUL0060 ,
HAUL0061 , HAUL0062 , HAUL0063 , HAUL0064 , HAUL0065 , HAUL0066 , HAUL0067 , HAUL0068 ,
HAUL0069 , HAUL0070 , HAUL0071 , HAUL0072 , HAUL0073 , HAUL0074 , HAUL0075 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	30.10838	(16120918)	579245.01	4141856.41	31.71581	(16120918)
579265.01	4141856.41	33.58345	(16120918)	579285.01	4141856.41	35.87406	(16120918)
579305.01	4141856.41	38.57150	(16120918)	579325.01	4141856.41	41.67900	(16120918)
579345.01	4141856.41	45.94686	(16120918)	578545.01	4141876.41	48.59940	(10122417)
578565.01	4141876.41	48.88495	(10122417)	578585.01	4141876.41	47.97072	(10122417)
578605.01	4141876.41	48.63295	(12120418)	578625.01	4141876.41	49.94035	(12120418)
578645.01	4141876.41	52.71044	(15122118)	578665.01	4141876.41	56.55705	(15122118)
578685.01	4141876.41	58.19517	(15122118)	578705.01	4141876.41	57.95347	(14121717)

578725.01 4141876.41 58.26415 (10122418) 578745.01 4141876.41 57.33543 (12111617)
578765.01 4141876.41 56.15186 (12122818) 578785.01 4141876.41 52.93839 (12122818)
578805.01 4141876.41 50.41803 (14121918) 578825.01 4141876.41 49.58625 (14121918)
578845.01 4141876.41 47.12486 (14121918) 578865.01 4141876.41 43.96149 (14121918)
578885.01 4141876.41 41.70480 (12111518) 578905.01 4141876.41 40.02398 (14120417)
578925.01 4141876.41 38.33022 (14120417) 578945.01 4141876.41 36.55120 (14120417)
578965.01 4141876.41 34.69238 (14120418) 578985.01 4141876.41 33.81219 (14120418)
579005.01 4141876.41 32.98768 (14120418) 579025.01 4141876.41 32.14609 (14120418)
579045.01 4141876.41 31.20633 (14120418) 579065.01 4141876.41 30.13701 (14120418)
579085.01 4141876.41 28.98448 (14120418) 579105.01 4141876.41 27.87474 (14120418)
579125.01 4141876.41 26.97190 (14120418) 579145.01 4141876.41 26.45136 (14120418)
579165.01 4141876.41 26.43522 (14120418) 579185.01 4141876.41 27.00538 (16120918)
579205.01 4141876.41 28.00453 (16120918) 579225.01 4141876.41 29.31838 (16120918)
579245.01 4141876.41 30.87361 (16120918) 579265.01 4141876.41 32.68225 (14120418)
579285.01 4141876.41 34.86748 (14120418) 579305.01 4141876.41 37.41330 (14120418)
579325.01 4141876.41 40.34655 (16120918) 579345.01 4141876.41 44.39482 (16120918)
578545.01 4141896.41 44.37092 (10122417) 578565.01 4141896.41 44.06241 (14120217)
578585.01 4141896.41 45.66500 (12120418) 578605.01 4141896.41 46.19893 (15122118)
578625.01 4141896.41 50.31797 (15122118) 578645.01 4141896.41 52.99089 (15122118)
578665.01 4141896.41 53.64338 (15122118) 578685.01 4141896.41 53.67637 (14121717)
578705.01 4141896.41 53.79922 (10122418) 578725.01 4141896.41 53.12454 (12111617)
578745.01 4141896.41 52.13808 (12122818) 578765.01 4141896.41 49.32588 (12122818)
578785.01 4141896.41 47.03354 (14121918) 578805.01 4141896.41 46.82397 (14121918)
578825.01 4141896.41 44.93960 (14121918) 578845.01 4141896.41 42.16999 (14121918)
578865.01 4141896.41 40.12504 (12111518) 578885.01 4141896.41 38.53679 (14120417)

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        578905.01   4141896.41       36.99391  (14120417)                578925.01
4141896.41       35.37277  (14120417)
        578945.01   4141896.41       33.60710  (14120417)                578965.01
4141896.41       32.59200  (14120418)
        578985.01   4141896.41       31.83774  (14120418)                579005.01
4141896.41       31.09672  (14120418)
        579025.01   4141896.41       30.29558  (14120418)                579045.01
4141896.41       29.38355  (14120418)
        579065.01   4141896.41       28.36398  (14120418)                579085.01
4141896.41       27.30834  (14120418)
        579105.01   4141896.41       26.35643  (14120418)                579125.01
4141896.41       25.66408  (14120418)
        579145.01   4141896.41       25.37500  (14120418)                579165.01
4141896.41       25.56544  (14120418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 960
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                   HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                   HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                   HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579185.01   4141896.41       26.24290  (16120918)                579205.01
4141896.41       27.27890  (16120918)
        579225.01   4141896.41       28.57776  (14120418)                579245.01
4141896.41       30.11651  (14120418)
        579265.01   4141896.41       31.86299  (14120418)                579285.01
4141896.41       33.91871  (14120418)
        579305.01   4141896.41       36.31204  (14120418)                579325.01
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4141896.41 39.23669 (14120418)
579345.01 4141896.41 43.00061 (16120918) 578565.01
4141916.41 42.59994 (12120418)
578585.01 4141916.41 44.69506 (15122118) 578605.01
4141916.41 47.86876 (15122118)
578625.01 4141916.41 49.60120 (15122118) 578645.01
4141916.41 49.51230 (15122118)
578665.01 4141916.41 49.85947 (14121717) 578685.01
4141916.41 49.89787 (10122418)
578705.01 4141916.41 49.46593 (12111617) 578725.01
4141916.41 48.64037 (12122818)
578745.01 4141916.41 46.13949 (12122818) 578765.01
4141916.41 43.97787 (14121918)
578785.01 4141916.41 44.25750 (14121918) 578805.01
4141916.41 42.89965 (14121918)
578825.01 4141916.41 40.52627 (14121918) 578845.01
4141916.41 38.64333 (12111518)
578865.01 4141916.41 37.16962 (14120417) 578885.01
4141916.41 35.77658 (14120417)
578905.01 4141916.41 34.29788 (14120417) 578925.01
4141916.41 32.69042 (14120417)
578945.01 4141916.41 31.47144 (14120418) 578965.01
4141916.41 30.76846 (14120418)
578985.01 4141916.41 30.09802 (14120418) 579005.01
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4141916.41 27.73789 (14120418)
579065.01 4141916.41 26.76985 (14120418) 579085.01
4141916.41 25.82259 (14120418)
579105.01 4141916.41 25.03553 (14120418) 579125.01
4141916.41 24.54504 (14120418)
579145.01 4141916.41 24.46044 (14120418) 579165.01
4141916.41 24.81539 (14120418)
579185.01 4141916.41 25.57010 (14120418) 578386.27
4141125.26 20.31195 (09110418)
578406.27 4141125.26 20.03905 (09110418) 578426.27
4141125.26 20.18070 (09110418)
578446.27 4141125.26 20.18269 (09110418) 578466.27
4141125.26 19.47901 (09110418)
578486.27 4141125.26 18.94558 (09110418) 578506.27
4141125.26 18.16810 (09110418)
578526.27 4141125.26 18.35161 (09110417) 578546.27
4141125.26 18.79909 (09110417)
578566.27 4141125.26 19.27153 (09110417) 578586.27
4141125.26 19.61868 (09110417)
578606.27 4141125.26 19.77082 (09110417) 578626.27
4141125.26 20.32581 (09110417)
578646.27 4141125.26 20.67204 (09110417) 578666.27
4141125.26 20.92161 (14122618)
578686.27 4141125.26 21.98106 (14122618) 578706.27

4141125.26   23.06543 (14122618)
        578726.27   4141125.26   23.97991 (14122618)   578746.27
4141125.26   24.53938 (14122618)
        578766.27   4141125.26   25.26857 (14122618)   578786.27
4141125.26   26.09244 (14122618)
        578806.27   4141125.26   26.70206 (14122618)   578826.27
4141125.26   27.61196 (14122618)
        578846.27   4141125.26   28.48976 (14122618)   578866.27
4141125.26   29.11205 (14122618)
        578886.27   4141125.26   29.32781 (14122618)   578906.27
4141125.26   29.39391 (14122618)
        578926.27   4141125.26   29.24085 (14122618)   578946.27
4141125.26   29.92516 (10021118)
        578966.27   4141125.26   31.33007 (14111117)   578986.27
4141125.26   32.55120 (14111117)
        579006.27   4141125.26   34.32312 (16010118)   579026.27
4141125.26   36.60898 (16010118)
        579046.27   4141125.26   38.84163 (16010118)   579066.27
4141125.26   40.58116 (16010118)
        579086.27   4141125.26   40.93351 (16010118)   579106.27
4141125.26   39.68355 (11010318)
        579126.27   4141125.26   41.69275 (09120917)   579146.27
4141125.26   46.40105 (09120917)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP22 ***
                                    INCLUDING SOURCE(S):   HAUL0048   , HAUL0049
, HAUL0050   , HAUL0051   , HAUL0052   ,
                  HAUL0053   , HAUL0054   , HAUL0055   , HAUL0056   , HAUL0057
, HAUL0058   , HAUL0059   , HAUL0060   ,
                  HAUL0061   , HAUL0062   , HAUL0063   , HAUL0064   , HAUL0065
, HAUL0066   , HAUL0067   , HAUL0068   ,
                  HAUL0069   , HAUL0070   , HAUL0071   , HAUL0072   , HAUL0073
, HAUL0074   , HAUL0075   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

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

- -

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        579166.27   4141125.26       49.47201  (09120917)                579186.27
4141125.26       49.63996  (17122518)
        579206.27   4141125.26       52.59473  (17122518)                578386.27
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        578406.27   4141145.26       20.69481  (09110418)                578426.27
4141145.26       20.40590  (09110418)
        578446.27   4141145.26       20.73865  (09110418)                578466.27
4141145.26       20.72663  (09110418)
        578486.27   4141145.26       19.93760  (09110418)                578506.27
4141145.26       19.55843  (09110418)
        578526.27   4141145.26       19.00414  (09110418)                578546.27
4141145.26       19.19959  (09110418)
        578566.27   4141145.26       19.07261  (09110417)                578586.27
4141145.26       19.61685  (09110417)
        578606.27   4141145.26       19.94436  (09110417)                578626.27
4141145.26       20.18338  (09110417)
        578646.27   4141145.26       20.59826  (09110417)                578666.27
4141145.26       21.22274  (09110417)
        578686.27   4141145.26       21.71311  (14122618)                578706.27
4141145.26       22.63777  (14122618)
        578726.27   4141145.26       23.21702  (14122618)                578746.27
4141145.26       24.07064  (14122618)
        578766.27   4141145.26       24.99187  (14122618)                578786.27
4141145.26       25.88564  (14122618)
        578806.27   4141145.26       26.66959  (14122618)                578826.27
4141145.26       27.50157  (14122618)
        578846.27   4141145.26       28.63668  (14122618)                578866.27
4141145.26       29.37484  (14122618)
        578886.27   4141145.26       29.98165  (14122618)                578906.27
4141145.26       30.43908  (14122618)
        578926.27   4141145.26       30.74280  (14122618)                578946.27
4141145.26       30.70973  (14122618)
        578966.27   4141145.26       31.07688  (10021118)                578986.27
4141145.26       32.59557  (14111117)
        579006.27   4141145.26       33.96427  (14111117)                579026.27
4141145.26       36.21245  (16010118)
        579046.27   4141145.26       39.12788  (16010118)                579066.27
4141145.26       41.40047  (16010118)
        579086.27   4141145.26       42.64919  (16010118)                579106.27
4141145.26       42.68255  (16010118)
        579126.27   4141145.26       41.89540  (11010318)                579146.27
4141145.26       46.13075  (09120917)
        579166.27   4141145.26       50.66347  (09120917)                579186.27
4141145.26       52.36283  (09120917)
        579206.27   4141145.26       54.50337  (17122518)                578723.62
4141929.59       45.40698  (12122818)
        578743.62   4141929.59       42.19673  (12122818)                578763.62
4141929.59       42.66182  (14121918)
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        578783.62   4141929.59       42.20485  (14121918)                578803.62
4141929.59       40.45866  (14121918)
        578823.62   4141929.59       38.16997  (12111518)                578843.62
4141929.59       36.87732  (12111518)
        578863.62   4141929.59       35.57381  (14120417)                578883.62
4141929.59       34.22077  (14120417)
        578903.62   4141929.59       32.75845  (14120417)                578923.62
4141929.59       31.15403  (14120417)
        578943.62   4141929.59       30.38695  (14120418)                578963.62
4141929.59       29.73524  (14120418)
        578983.62   4141929.59       29.09983  (14120418)                579003.62
4141929.59       28.42809  (14120418)
        579023.62   4141929.59       27.66547  (14120418)                579043.62
4141929.59       26.79996  (14120418)
        579063.62   4141929.59       25.87682  (14120418)                579083.62
4141929.59       24.99678  (14120418)
        579103.62   4141929.59       24.29791  (14120418)                579123.62
4141929.59       23.90991  (14120418)
        579143.62   4141929.59       23.91520  (14120418)                579163.62
4141929.59       24.33010  (14120418)
        579183.62   4141929.59       25.10634  (14120418)                578725.67
4141942.60       41.44752  (12122818)
        578745.67   4141942.60       40.87661  (14121918)                578765.67
4141942.60       41.05790  (14121918)
        578785.67   4141942.60       39.84703  (14121918)                578805.67
4141942.60       37.72573  (14121918)
        578825.67   4141942.60       36.38148  (12111518)                578845.67
4141942.60       35.11712  (14120417)
        578865.67   4141942.60       33.88835  (14120417)                578885.67
4141942.60       32.53759  (14120417)
        578905.67   4141942.60       31.05735  (14120417)                578925.67
4141942.60       29.92922  (14120418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 962
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP22  ***
                                    INCLUDING SOURCE(S):     HAUL0048    , HAUL0049
, HAUL0050    , HAUL0051    , HAUL0052    ,
                  HAUL0053    , HAUL0054    , HAUL0055    , HAUL0056    , HAUL0057
, HAUL0058    , HAUL0059    , HAUL0060    ,
                  HAUL0061    , HAUL0062    , HAUL0063    , HAUL0064    , HAUL0065
, HAUL0066    , HAUL0067    , HAUL0068    ,
                  HAUL0069    , HAUL0070    , HAUL0071    , HAUL0072    , HAUL0073
, HAUL0074    , HAUL0075    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578945.67	4141942.60	29.29002	(14120418)	578965.67	4141942.60	28.68603	(14120418)
578985.67	4141942.60	28.07308	(14120418)	579005.67	4141942.60	27.40042	(14120418)
579025.67	4141942.60	26.63341	(14120418)	579045.67	4141942.60	25.77968	(14120418)
579065.67	4141942.60	24.90436	(14120418)	579085.67	4141942.60	24.11901	(14120418)
579105.67	4141942.60	23.55221	(14120418)	579125.67	4141942.60	23.31562	(14120418)
579145.67	4141942.60	23.46776	(14120418)	579165.67	4141942.60	23.99390	(14120418)
579185.67	4141942.60	24.82953	(14120418)	578745.52	4141955.60	39.74353	(14121918)
578765.52	4141955.60	39.23141	(14121918)	578785.52	4141955.60	37.61286	(14121918)
578805.52	4141955.60	35.85914	(12111518)	578825.52	4141955.60	34.77889	(12111518)
578845.52	4141955.60	33.66073	(14120417)	578865.52	4141955.60	32.43694	(14120417)
578885.52	4141955.60	31.08541	(14120417)	578905.52	4141955.60	29.59547	(14120417)
578925.52	4141955.60	28.93415	(14120418)	578945.52	4141955.60	28.34232	(14120418)
578965.52	4141955.60	27.77093	(14120418)	578985.52	4141955.60	27.17430	(14120418)
579005.52	4141955.60	26.50625	(14120418)	579025.52	4141955.60	25.74522	(14120418)
579045.52	4141955.60	24.91629	(14120418)	579065.52	4141955.60	24.09471	(14120418)
579085.52	4141955.60	23.39234	(14120418)	579105.52	4141955.60	22.92958	(14120418)
579125.52	4141955.60	22.79794	(14120418)	579145.52	4141955.60	23.03537	(14120418)
579165.52	4141955.60	23.61575	(14120418)	579185.52	4141955.60	24.46630	(14120418)
578785.22	4141971.34	34.96445	(14121918)	578805.22	4141971.34	34.14792	(12111518)
578825.22	4141971.34	33.07591	(14120417)	578845.22			

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4141971.34       32.01251  (14120417)
        578865.22   4141971.34       30.78169  (14120417)                578885.22
4141971.34       29.42167  (14120417)
        578905.22   4141971.34       28.40857  (14120418)                578925.22
4141971.34       27.83075  (14120418)
        578945.22   4141971.34       27.28411  (14120418)                578965.22
4141971.34       26.73947  (14120418)
        578985.22   4141971.34       26.15381  (14120418)                579005.22
4141971.34       25.48925  (14120418)
        579025.22   4141971.34       24.74045  (14120418)                579045.22
4141971.34       23.94742  (14120418)
        579065.22   4141971.34       23.19522  (14120418)                579085.22
4141971.34       22.59425  (14120418)
        579105.22   4141971.34       22.24944  (14120418)                579125.22
4141971.34       22.23243  (14120418)
        579145.22   4141971.34       22.55583  (14120418)                579165.22
4141971.34       23.18346  (14120418)
        579185.22   4141971.34       24.04058  (14120418)                578790.01
4141986.40       33.26517  (12111518)
        578810.01   4141986.40       32.28034  (14120417)                578830.01
4141986.40       31.35938  (14120417)
        578850.01   4141986.40       30.22396  (14120417)                578870.01
4141986.40       28.94757  (14120417)
        578890.01   4141986.40       27.80890  (14120418)                578910.01
4141986.40       27.25437  (14120418)
        578930.01   4141986.40       26.72985  (14120418)                578950.01
4141986.40       26.21484  (14120418)
        578970.01   4141986.40       25.67453  (14120418)                578990.01
4141986.40       25.07548  (14120418)
        579010.01   4141986.40       24.39360  (14120418)                579030.01
4141986.40       23.64902  (14120418)
        579050.01   4141986.40       22.90573  (14120418)                579070.01
4141986.40       22.25981  (14120418)
        579090.01   4141986.40       21.81520  (14120418)                579110.01
4141986.40       21.65498  (14120418)
        579130.01   4141986.40       21.81509  (14120418)                579150.01
4141986.40       22.28138  (14120418)
        579170.01   4141986.40       22.99534  (14120418)                579190.01
4141986.40       23.89330  (14120418)
        578810.54   4142001.46       30.90678  (14120417)                578830.54
4142001.46       29.91973  (14120417)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: SRCGP22 ***
                                INCLUDING SOURCE(S):   HAUL0048   , HAUL0049
, HAUL0050   , HAUL0051   , HAUL0052   ,
                  HAUL0053   , HAUL0054   , HAUL0055   , HAUL0056   , HAUL0057
, HAUL0058   , HAUL0059   , HAUL0060   ,
                  HAUL0061   , HAUL0062   , HAUL0063   , HAUL0064   , HAUL0065
, HAUL0066   , HAUL0067   , HAUL0068   ,
                  HAUL0069   , HAUL0070   , HAUL0071   , HAUL0072   , HAUL0073
, HAUL0074   , HAUL0075   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        578850.54   4142001.46   28.75292 (14120417)   578870.54
4142001.46   27.45649 (14120417)
        578890.54   4142001.46   26.82008 (14120418)   578910.54
4142001.46   26.30947 (14120418)
        578930.54   4142001.46   25.81848 (14120418)   578950.54
4142001.46   25.32286 (14120418)
        578970.54   4142001.46   24.78636 (14120418)   578990.54
4142001.46   24.18187 (14120418)
        579010.54   4142001.46   23.50476 (14120418)   579030.54
4142001.46   22.78759 (14120418)
        579050.54   4142001.46   22.10185 (14120418)   579070.54
4142001.46   21.54404 (14120418)
        579090.54   4142001.46   21.20765 (14120418)   579110.54
4142001.46   21.15595 (14120418)
        579130.54   4142001.46   21.40530 (14120418)   579150.54
4142001.46   21.92816 (14120418)
        579170.54   4142001.46   22.66178 (14120418)   579190.54
4142001.46   23.55058 (14120418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP23 ***
                                INCLUDING SOURCE(S):   PAV1_0   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	99.19203	(11122717)	578405.01	4141176.41	96.82220	(11122717)
578425.01	4141176.41	92.52787	(11122717)	578445.01	4141176.41	86.18477	(16020318)
578465.01	4141176.41	89.96668	(16020318)	578485.01	4141176.41	93.18079	(14112017)
578505.01	4141176.41	102.91442	(14112017)	578525.01	4141176.41	111.41841	(14112017)
578545.01	4141176.41	120.90406	(09012117)	578565.01	4141176.41	131.26364	(09012117)
578585.01	4141176.41	138.58870	(09012117)	578605.01	4141176.41	141.96292	(09012117)
578625.01	4141176.41	140.70236	(09012117)	578645.01	4141176.41	145.04189	(14121217)
578665.01	4141176.41	146.36389	(14121217)	578685.01	4141176.41	146.73915	(11010818)
578705.01	4141176.41	151.61568	(14010318)	578725.01	4141176.41	152.75679	(14010318)
578745.01	4141176.41	154.17812	(16120717)	578765.01	4141176.41	154.05879	(16120717)
578785.01	4141176.41	156.04832	(14122017)	578805.01	4141176.41	154.36775	(10120918)
578825.01	4141176.41	150.66625	(13121418)	578845.01	4141176.41	149.13657	(16110418)
578865.01	4141176.41	146.67981	(13122818)	578885.01	4141176.41	145.97753	(09012317)
578905.01	4141176.41	141.29317	(09012317)	578925.01	4141176.41	139.62843	(10121417)
578945.01	4141176.41	133.88506	(10121417)	578965.01	4141176.41	127.89844	(11112917)
578985.01	4141176.41	125.29943	(12111418)	579005.01	4141176.41	123.10536	(09011017)
579025.01	4141176.41	120.15001	(09011017)	579045.01	4141176.41	114.57519	(09011017)
579065.01	4141176.41	111.39001	(12111417)	579085.01	4141176.41	106.31591	(12111417)
579105.01	4141176.41	101.29312	(17121318)	579125.01	4141176.41	97.36556	(17121318)
579145.01	4141176.41	94.25587	(13110618)	579165.01	4141176.41	91.16041	(13110618)

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        579185.01   4141176.41       87.37245  (15011018)                579205.01
4141176.41       83.56086  (15011018)
        579225.01   4141176.41       79.30726  (15011018)                578385.01
4141196.41      106.22925  (11122717)
        578405.01   4141196.41      106.05833  (11122717)                578425.01
4141196.41      103.59461  (11122717)
        578445.01   4141196.41       91.84667  (11122717)                578465.01
4141196.41       92.92472  (16020318)
        578485.01   4141196.41       97.07876  (16020318)                578505.01
4141196.41      102.90664  (14112017)
        578525.01   4141196.41      113.38373  (14112017)                578545.01
4141196.41      122.25832  (14112017)
        578565.01   4141196.41      134.59338  (09012117)                578585.01
4141196.41      144.76606  (09012117)
        578605.01   4141196.41      150.92760  (09012117)                578625.01
4141196.41      152.13894  (09012117)
        578645.01   4141196.41      153.40417  (14121217)                578665.01
4141196.41      157.31125  (14121217)
        578685.01   4141196.41      155.42952  (11010818)                578705.01
4141196.41      161.50026  (14010318)
        578725.01   4141196.41      164.18870  (14010318)                578745.01
4141196.41      164.89521  (16120717)
        578765.01   4141196.41      165.54941  (16120717)                578785.01
4141196.41      167.40639  (14122017)
        578805.01   4141196.41      165.57377  (10120918)                578825.01
4141196.41      160.87252  (13121418)
        578845.01   4141196.41      159.51558  (09011617)                578865.01
4141196.41      156.37545  (13122818)
        578885.01   4141196.41      155.69516  (09012317)                578905.01
4141196.41      151.26186  (10121417)
        578925.01   4141196.41      147.73967  (10121417)                578945.01
4141196.41      140.59867  (11112917)
        578965.01   4141196.41      135.20722  (12111418)                578985.01
4141196.41      132.50513  (09011017)
        579005.01   4141196.41      130.19907  (09011017)                579025.01
4141196.41      124.62209  (09011017)
        579045.01   4141196.41      120.21955  (12111417)                579065.01
4141196.41      114.80755  (12111417)
        579085.01   4141196.41      108.86471  (17121318)                579105.01
4141196.41      104.46827  (17121318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 965
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP23  ***
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INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141196.41	100.83608	(13110618)	579145.01	4141196.41	97.29007	(13110618)
579165.01	4141196.41	93.10014	(15011018)	579185.01	4141196.41	88.72213	(15011018)
579205.01	4141196.41	83.81902	(15011018)	579225.01	4141196.41	78.62881	(15011018)
579245.01	4141196.41	73.32043	(15011018)	578385.01	4141216.41	114.61895	(12010309)
578405.01	4141216.41	114.18883	(12010309)	578425.01	4141216.41	113.65274	(11122717)
578445.01	4141216.41	101.11129	(11122717)	578465.01	4141216.41	99.26320	(11122717)
578485.01	4141216.41	100.68523	(16020318)	578505.01	4141216.41	105.05918	(16020318)
578525.01	4141216.41	114.15649	(14112017)	578545.01	4141216.41	125.37832	(14112017)
578565.01	4141216.41	136.61263	(09012117)	578585.01	4141216.41	149.96211	(09012117)
578605.01	4141216.41	159.45625	(09012117)	578625.01	4141216.41	163.86941	(09012117)
578645.01	4141216.41	162.39191	(09012117)	578665.01	4141216.41	168.54481	(14121217)
578685.01	4141216.41	168.14633	(14121217)	578705.01	4141216.41	172.40226	(11010818)
578725.01	4141216.41	176.86382	(14010318)	578745.01	4141216.41	176.93118	(16120717)
578765.01	4141216.41	178.51331	(16120717)	578785.01	4141216.41	180.33904	(14122017)
578805.01	4141216.41	178.23393	(10120918)	578825.01	4141216.41	172.33314	(13121418)
578845.01	4141216.41	171.81544	(09011617)	578925.01	4141216.41	155.59131	(10121417)
578945.01	4141216.41	147.33009	(11112917)	578965.01	4141216.41	144.37755	(12111418)
578985.01	4141216.41	141.65487	(09011017)	579005.01	4141216.41	136.11954	(09011017)
579025.01	4141216.41	130.31374	(12111417)	579045.01	4141216.41	124.45299	(12111417)

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        579065.01   4141216.41      117.53994  (17121318)                579085.01
4141216.41      112.54813  (17121318)
        579105.01   4141216.41      108.29425  (13110618)                579125.01
4141216.41      104.17912  (13110618)
        579145.01   4141216.41       99.40201  (15011018)                579165.01
4141216.41       94.25597  (15011018)
        579185.01   4141216.41       88.71672  (15011018)                579205.01
4141216.41       82.95322  (15011018)
        579225.01   4141216.41       77.10978  (15011018)                579245.01
4141216.41       71.18577  (15011018)
        578385.01   4141236.41      121.29186  (12010309)                578405.01
4141236.41      109.93837  (12010309)
        578425.01   4141236.41      111.21665  (12010309)                578445.01
4141236.41      110.84334  (12010309)
        578465.01   4141236.41      109.58835  (11122717)                578485.01
4141236.41      107.69543  (11122717)
        578505.01   4141236.41      109.63513  (16020318)                578525.01
4141236.41      114.41815  (16020318)
        578545.01   4141236.41      127.14113  (14112017)                578565.01
4141236.41      139.12042  (14112017)
        578585.01   4141236.41      153.89785  (09012117)                578605.01
4141236.41      167.22043  (09012117)
        578625.01   4141236.41      175.37880  (09012117)                578645.01
4141236.41      177.16247  (09012117)
        578665.01   4141236.41      180.06598  (14121217)                578685.01
4141236.41      182.77371  (14121217)
        578705.01   4141236.41      185.03552  (11010818)                578725.01
4141236.41      191.03772  (14010318)
        578745.01   4141236.41      190.45097  (16120717)                578765.01
4141236.41      193.22164  (16120717)
        578785.01   4141236.41      195.08455  (14122017)                578805.01
4141236.41      192.70975  (10120918)
        578825.01   4141236.41      186.84708  (16110418)                578945.01
4141236.41      157.75058  (12111418)
        578965.01   4141236.41      154.48861  (09011017)                578985.01
4141236.41      149.43101  (09011017)
        579005.01   4141236.41      142.06156  (12111417)                579025.01
4141236.41      135.66999  (12111417)
        579045.01   4141236.41      127.48993  (17121318)                579065.01
4141236.41      121.79845  (17121318)
        579085.01   4141236.41      116.86870  (13110618)                579105.01
4141236.41      111.88538  (13110618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                  PAGE 966
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141236.41	106.37760	(15011018)	579145.01	4141236.41	100.49857	(15011018)
579165.01	4141236.41	94.26432	(15011018)	579185.01	4141236.41	87.69833	(15011018)
579205.01	4141236.41	81.05584	(15011018)	579225.01	4141236.41	74.46699	(15011018)
579245.01	4141236.41	68.05181	(15011018)	578385.01	4141256.41	124.85823	(12010309)
578405.01	4141256.41	115.22651	(12010309)	578425.01	4141256.41	118.90616	(12010309)
578445.01	4141256.41	120.82532	(12010309)	578465.01	4141256.41	120.83667	(12010309)
578485.01	4141256.41	119.31230	(11122717)	578505.01	4141256.41	117.51174	(11122717)
578525.01	4141256.41	119.91285	(16020318)	578545.01	4141256.41	127.17542	(14112017)
578565.01	4141256.41	142.25540	(14112017)	578585.01	4141256.41	156.10422	(09012117)
578605.01	4141256.41	173.71073	(09012117)	578625.01	4141256.41	186.34725	(09012117)
578645.01	4141256.41	192.27856	(09012117)	578665.01	4141256.41	191.60995	(14121217)
578685.01	4141256.41	198.28613	(14121217)	578705.01	4141256.41	198.72297	(11010818)
578725.01	4141256.41	206.81278	(14010318)	578745.01	4141256.41	206.22822	(14010318)
578765.01	4141256.41	210.18065	(16120717)	578785.01	4141256.41	211.96677	(14122017)
578805.01	4141256.41	209.40762	(10120918)	578965.01	4141256.41	164.80057	(09011017)
578985.01	4141256.41	155.75571	(12111417)	579005.01	4141256.41	148.87381	(12111417)
579025.01	4141256.41	139.17456	(17121318)	579045.01	4141256.41	132.53012	(17121318)
579065.01	4141256.41	126.66287	(13110618)	579085.01	4141256.41	120.58643	(13110618)

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        579105.01   4141256.41      114.35730  (15011018)                579125.01
4141256.41      107.45315  (15011018)
        579145.01   4141256.41      100.15254  (15011018)                579165.01
4141256.41       92.70599  (15011018)
        579185.01   4141256.41       85.29605  (15011018)                579205.01
4141256.41       78.07680  (15011018)
        579225.01   4141256.41       71.90358  (17122918)                579245.01
4141256.41       70.08422  (14011818)
        579265.01   4141256.41       68.19516  (14011818)                578385.01
4141276.41      111.21703  (12010309)
        578405.01   4141276.41      118.21993  (12010309)                578425.01
4141276.41      124.32323  (12010309)
        578445.01   4141276.41      129.06845  (12010309)                578465.01
4141276.41      131.82262  (12010309)
        578485.01   4141276.41      132.40542  (12010309)                578505.01
4141276.41      130.62712  (11122717)
        578525.01   4141276.41      128.73243  (11122717)                578545.01
4141276.41      131.71587  (16020318)
        578565.01   4141276.41      143.41639  (14112017)                578585.01
4141276.41      160.03269  (14112017)
        578605.01   4141276.41      178.33890  (09012117)                578625.01
4141276.41      196.29148  (09012117)
        578645.01   4141276.41      207.44403  (09012117)                578665.01
4141276.41      209.83680  (09012117)
        578685.01   4141276.41      214.61514  (14121217)                578705.01
4141276.41      215.09989  (14121217)
        578725.01   4141276.41      224.44319  (14010318)                578745.01
4141276.41      226.50693  (14010318)
        578765.01   4141276.41      229.94531  (16120717)                578785.01
4141276.41      231.81859  (14122017)
        578985.01   4141276.41      164.41744  (12111417)                579005.01
4141276.41      153.01760  (17121318)
        579025.01   4141276.41      145.16320  (17121318)                579045.01
4141276.41      138.07605  (13110618)
        579065.01   4141276.41      130.81836  (15011018)                579085.01
4141276.41      123.29987  (15011018)
        579105.01   4141276.41      115.15148  (15011018)                579125.01
4141276.41      106.69171  (15011018)
        579145.01   4141276.41       98.25904  (15011018)                579165.01
4141276.41       89.92785  (15011018)
        579185.01   4141276.41       81.81490  (15011018)                579205.01
4141276.41       77.46452  (14011818)
        579225.01   4141276.41       75.27249  (14011818)                579245.01
4141276.41       72.87079  (14011818)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579265.01	4141276.41	70.33023	(14011818)	578385.01	4141296.41	109.20208	(12010309)
578405.01	4141296.41	118.61653	(12010309)	578425.01	4141296.41	127.02792	(12010309)
578445.01	4141296.41	134.59849	(12010309)	578465.01	4141296.41	140.63625	(12010309)
578485.01	4141296.41	144.55381	(12010309)	578505.01	4141296.41	145.84596	(12010309)
578525.01	4141296.41	144.16747	(12010309)	578545.01	4141296.41	141.79502	(11122717)
578565.01	4141296.41	145.58330	(16020318)	578585.01	4141296.41	162.86967	(14112017)
578605.01	4141296.41	180.86162	(14112017)	578625.01	4141296.41	204.44848	(09012117)
578645.01	4141296.41	221.98639	(09012117)	578665.01	4141296.41	230.18827	(09012117)
578685.01	4141296.41	231.47738	(14121217)	578705.01	4141296.41	237.23155	(14121217)
578725.01	4141296.41	243.94505	(14010318)	578745.01	4141296.41	249.93057	(14010318)
579005.01	4141296.41	160.09688	(17121318)	579025.01	4141296.41	151.52342	(13110618)
579045.01	4141296.41	142.71757	(15011018)	579065.01	4141296.41	133.51765	(15011018)
579085.01	4141296.41	123.76163	(15011018)	579105.01	4141296.41	113.91056	(15011018)
579125.01	4141296.41	104.22902	(15011018)	579145.01	4141296.41	94.72033	(15011018)
579165.01	4141296.41	86.30386	(14011818)	579185.01	4141296.41	83.72849	(14011818)
579205.01	4141296.41	80.89986	(14011818)	579225.01	4141296.41	77.91279	(14011818)
579245.01	4141296.41	74.80865	(14011818)	579265.01	4141296.41	71.64140	(14011818)

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        579285.01   4141296.41       69.05612  (17120218)               578385.01
4141316.41      104.66985  (12010309)
        578405.01   4141316.41      115.55972  (12010309)               578425.01
4141316.41      126.68533  (12010309)
        578445.01   4141316.41      136.88903  (12010309)               578465.01
4141316.41      146.21492  (12010309)
        578485.01   4141316.41      153.87210  (12010309)               578505.01
4141316.41      159.26386  (12010309)
        578525.01   4141316.41      161.58458  (12010309)               578545.01
4141316.41      160.30133  (12010309)
        578565.01   4141316.41      157.28352  (11122717)               578585.01
4141316.41      163.08914  (14112017)
        578605.01   4141316.41      186.25861  (14112017)               578625.01
4141316.41      210.17214  (09012117)
        578645.01   4141316.41      235.02445  (09012117)               578665.01
4141316.41      250.78182  (09012117)
        578685.01   4141316.41      254.38798  (09012117)               578705.01
4141316.41      261.11124  (14121217)
        578725.01   4141316.41      266.32476  (11010818)               579025.01
4141316.41      156.61039  (15011018)
        579045.01   4141316.41      145.18030  (15011018)               579065.01
4141316.41      133.39306  (15011018)
        579085.01   4141316.41      121.81948  (15011018)               579105.01
4141316.41      110.60525  (15011018)
        579125.01   4141316.41      100.00636  (15011018)               579145.01
4141316.41       93.97084  (14011818)
        579165.01   4141316.41       90.58506  (14011818)               579185.01
4141316.41       86.98254  (14011818)
        579205.01   4141316.41       83.28912  (14011818)               579225.01
4141316.41       79.54092  (14011818)
        579245.01   4141316.41       76.45582  (17120218)               579265.01
4141316.41       73.67265  (17120218)
        579285.01   4141316.41       70.84923  (17120218)               578385.01
4141336.41      100.84077  (09110418)
        578405.01   4141336.41      109.62433  (12010309)               578425.01
4141336.41      122.31217  (12010309)
        578445.01   4141336.41      135.31244  (12010309)               578465.01
4141336.41      148.08480  (12010309)
        578485.01   4141336.41      159.44564  (12010309)               578505.01
4141336.41      169.19980  (12010309)
        578525.01   4141336.41      176.44788  (12010309)               578545.01
4141336.41      180.19720  (12010309)
        578565.01   4141336.41      179.55227  (12010309)               578585.01
4141336.41      175.86482  (11122717)
        578605.01   4141336.41      188.54295  (14112017)               578625.01
4141336.41      214.68274  (14112017)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578645.01	4141336.41	245.66722	(09012117)	578665.01	4141336.41	270.63386	(09012117)
578685.01	4141336.41	282.72662	(09012117)	578705.01	4141336.41	286.61654	(14121217)
579025.01	4141336.41	158.60197	(15011018)	579045.01	4141336.41	144.17744	(15011018)
579065.01	4141336.41	130.39266	(15011018)	579085.01	4141336.41	117.50562	(15011018)
579105.01	4141336.41	106.73067	(14011818)	579125.01	4141336.41	102.49845	(14011818)
579145.01	4141336.41	98.09597	(14011818)	579165.01	4141336.41	93.56328	(14011818)
579185.01	4141336.41	89.02632	(14011818)	579205.01	4141336.41	85.30527	(17120218)
579225.01	4141336.41	81.90283	(17120218)	579245.01	4141336.41	78.46881	(17120218)
579265.01	4141336.41	75.06929	(17120218)	579285.01	4141336.41	71.71576	(17120218)
578385.01	4141356.41	107.16999	(09110418)	578405.01	4141356.41	111.12978	(09110418)
578425.01	4141356.41	114.74394	(12010309)	578445.01	4141356.41	129.55214	(12010309)
578465.01	4141356.41	144.81890	(12010309)	578485.01	4141356.41	160.39944	(12010309)
578505.01	4141356.41	174.77649	(12010309)	578525.01	4141356.41	187.16683	(12010309)
578545.01	4141356.41	196.84700	(12010309)	578565.01	4141356.41	202.50421	(12010309)
578585.01	4141356.41	202.82271	(12010309)	578605.01	4141356.41	198.40540	(11122717)
578625.01	4141356.41	220.20673	(14112017)	578645.01	4141356.41	253.09870	(09012117)

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        578665.01   4141356.41      288.49522  (09012117)                578685.01
4141356.41      311.65403  (09012117)
        579025.01   4141356.41      156.09997  (15011018)                579045.01
4141356.41      139.68774  (15011018)
        579065.01   4141356.41      124.74143  (15011018)                579085.01
4141356.41      117.55883  (14011818)
        579105.01   4141356.41      111.91767  (14011818)                579125.01
4141356.41      106.25527  (14011818)
        579145.01   4141356.41      100.59898  (14011818)                579165.01
4141356.41       96.05980  (17120218)
        579185.01   4141356.41       91.78376  (17120218)                579205.01
4141356.41       87.57352  (17120218)
        579225.01   4141356.41       83.42766  (17120218)                579245.01
4141356.41       79.37667  (17120218)
        579265.01   4141356.41       76.23359  (17112018)                579285.01
4141356.41       73.39568  (17112018)
        579305.01   4141356.41       70.58301  (17112018)                578385.01
4141376.41      110.52769  (09110418)
        578405.01   4141376.41      116.59023  (09110418)                578425.01
4141376.41      122.24217  (09110418)
        578445.01   4141376.41      127.38424  (09110418)                578465.01
4141376.41      137.11455  (12010309)
        578485.01   4141376.41      155.23438  (12010309)                578505.01
4141376.41      173.97568  (12010309)
        578525.01   4141376.41      192.31502  (12010309)                578545.01
4141376.41      208.28024  (12010309)
        578565.01   4141376.41      221.32947  (12010309)                578585.01
4141376.41      229.55534  (12010309)
        578605.01   4141376.41      231.44073  (12010309)                578625.01
4141376.41      226.12384  (12010309)
        578645.01   4141376.41      260.00301  (14112017)                578665.01
4141376.41      303.55372  (09012117)
        578685.01   4141376.41      339.92074  (09012117)                579005.01
4141376.41      169.41356  (15011018)
        579025.01   4141376.41      149.54461  (15011018)                579045.01
4141376.41      137.22832  (14011818)
        579065.01   4141376.41      129.64834  (14011818)                579085.01
4141376.41      122.21052  (14011818)
        579105.01   4141376.41      114.97868  (14011818)                579125.01
4141376.41      109.37615  (17120218)
        579145.01   4141376.41      103.92453  (17120218)                579165.01
4141376.41       98.60151  (17120218)
        579185.01   4141376.41       93.46304  (17120218)                579205.01
4141376.41       88.75281  (17112018)
        579225.01   4141376.41       85.12342  (17112018)                579245.01
4141376.41       81.57983  (17112018)
        579265.01   4141376.41       78.10726  (17112018)                579285.01
4141376.41       74.74549  (17112018)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRCGP23 ***
                                 INCLUDING SOURCE(S):   PAV1_0   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        579305.01   4141376.41   71.48218 (17112018)   578385.01
4141396.41   110.36499 (09110418)
        578405.01   4141396.41   118.17263 (09110418)   578425.01
4141396.41   125.96705 (09110418)
        578445.01   4141396.41   133.71753 (09110418)   578465.01
4141396.41   141.25456 (09110418)
        578485.01   4141396.41   147.87734 (09110418)   578505.01
4141396.41   166.65592 (12010309)
        578525.01   4141396.41   189.76454 (12010309)   578545.01
4141396.41   212.36766 (12010309)
        578565.01   4141396.41   233.45928 (12010309)   578585.01
4141396.41   250.93342 (12010309)
        578605.01   4141396.41   262.71765 (12010309)   578625.01
4141396.41   266.78876 (12010309)
        578645.01   4141396.41   265.75089 (14112017)   578665.01
4141396.41   314.64860 (09012117)
        579005.01   4141396.41   164.37701 (14011818)   579025.01
4141396.41   153.29873 (14011818)
        579045.01   4141396.41   142.96490 (14011818)   579065.01
4141396.41   133.76098 (17120218)
        579085.01   4141396.41   126.15875 (17120218)   579105.01
4141396.41   118.95397 (17120218)
        579125.01   4141396.41   112.12653 (17120218)   579145.01
4141396.41   105.63164 (17120218)
        579165.01   4141396.41   100.41365 (17112018)   579185.01
4141396.41   95.74036 (17112018)
        579205.01   4141396.41   91.24241 (17112018)   579225.01
4141396.41   86.91841 (17112018)
        579245.01   4141396.41   82.76583 (17112018)   579265.01
4141396.41   78.78848 (17112018)

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        579285.01   4141396.41       74.98316  (17112018)               579305.01
4141396.41       71.34857  (17112018)
        578385.01   4141416.41      111.49001  (14120118)               578405.01
4141416.41      115.59004  (16030918)
        578425.01   4141416.41      125.21455  (09110418)               578445.01
4141416.41      135.34969  (09110418)
        578465.01   4141416.41      145.68786  (09110418)               578485.01
4141416.41      156.04356  (09110418)
        578505.01   4141416.41      165.66772  (09110418)               578525.01
4141416.41      179.01485  (12010309)
        578545.01   4141416.41      207.32137  (12010309)               578565.01
4141416.41      236.19308  (12010309)
        578585.01   4141416.41      264.00194  (12010309)               578605.01
4141416.41      287.67319  (12010309)
        578625.01   4141416.41      304.34259  (12010309)               578645.01
4141416.41      311.14856  (12010309)
        578665.01   4141416.41      324.48585  (14112017)               579025.01
4141416.41      158.86227  (17120218)
        579045.01   4141416.41      147.94470  (17120218)               579065.01
4141416.41      138.05986  (17120218)
        579085.01   4141416.41      128.97789  (17120218)               579105.01
4141416.41      121.14709  (17112018)
        579125.01   4141416.41      114.66537  (17112018)               579145.01
4141416.41      108.56387  (17112018)
        579165.01   4141416.41      102.81040  (17112018)               579185.01
4141416.41       97.38503  (17112018)
        579205.01   4141416.41       92.19651  (17112018)               579225.01
4141416.41       87.32025  (17112018)
        579245.01   4141416.41       82.68856  (17112018)               579265.01
4141416.41       78.29889  (17112018)
        579285.01   4141416.41       74.29517  (10120118)               579305.01
4141416.41       71.49531  (10120118)
        578385.01   4141436.41      122.25058  (14120118)               578405.01
4141436.41      127.43638  (14120118)
        578425.01   4141436.41      132.73312  (14120118)               578445.01
4141436.41      138.14203  (14120118)
        578465.01   4141436.41      144.17404  (09110418)               578485.01
4141436.41      157.58781  (09110418)
        578505.01   4141436.41      171.21969  (09110418)               578525.01
4141436.41      185.24163  (09110418)
        578545.01   4141436.41      198.54749  (09110418)               578565.01
4141436.41      227.41284  (12010309)
        578585.01   4141436.41      265.09226  (12010309)               578605.01
4141436.41      302.19133  (12010309)
        578625.01   4141436.41      334.69434  (12010309)               578645.01
4141436.41      357.94232  (12010309)
        579025.01   4141436.41      162.78813  (17120218)               579045.01
4141436.41      150.89480  (17112018)
        579065.01   4141436.41      141.06047  (17112018)               579085.01
4141436.41      132.24030  (17112018)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579105.01	4141436.41	124.13204	(17112018)	579125.01	4141436.41	116.70403	(17112018)
579145.01	4141436.41	109.75871	(17112018)	579165.01	4141436.41	103.28149	(17112018)
579185.01	4141436.41	97.24397	(17112018)	579205.01	4141436.41	91.57518	(17112018)
579225.01	4141436.41	87.21995	(10120118)	579245.01	4141436.41	83.44735	(10120118)
579265.01	4141436.41	79.88352	(10120118)	579285.01	4141436.41	76.50085	(10120118)
579305.01	4141436.41	73.27966	(10120118)	579325.01	4141436.41	70.23839	(10120118)
578385.01	4141456.41	129.36626	(14120118)	578405.01	4141456.41	136.36981	(14120118)
578425.01	4141456.41	143.76652	(14120118)	578445.01	4141456.41	151.65937	(14120118)
578465.01	4141456.41	159.93380	(14120118)	578485.01	4141456.41	168.60876	(14120118)
578505.01	4141456.41	177.26110	(14120118)	578525.01	4141456.41	186.74417	(09110418)
578545.01	4141456.41	205.55398	(09110418)	578565.01	4141456.41	225.29087	(09110418)
578585.01	4141456.41	251.14983	(12010309)	578605.01	4141456.41	300.76756	(12010309)
578625.01	4141456.41	351.60535	(12010309)	578645.01	4141456.41	397.17462	(12010309)
579045.01	4141456.41	153.92800	(17112018)	579065.01	4141456.41	143.06907	(17112018)

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        579085.01   4141456.41      133.33497  (17112018)              579105.01
4141456.41      124.48047  (17112018)
        579125.01   4141456.41      116.37114  (17112018)              579145.01
4141456.41      109.73055  (10120118)
        579165.01   4141456.41      104.13500  (10120118)              579185.01
4141456.41       98.93254  (10120118)
        579205.01   4141456.41       94.07413  (10120118)              579225.01
4141456.41       89.54549  (10120118)
        579245.01   4141456.41       85.28142  (10120118)              579265.01
4141456.41       81.28011  (10120118)
        578385.01   4141476.41      131.93709  (14120118)              578405.01
4141476.41      140.32655  (14120118)
        578425.01   4141476.41      149.47246  (14120118)              578445.01
4141476.41      159.39585  (14120118)
        578465.01   4141476.41      170.27679  (14120118)              578485.01
4141476.41      182.23496  (14120118)
        578505.01   4141476.41      195.00815  (14120118)              578525.01
4141476.41      209.28895  (14120118)
        578545.01   4141476.41      223.78672  (14120118)              578565.01
4141476.41      239.70675  (14120118)
        578585.01   4141476.41      256.27274  (14120118)              578605.01
4141476.41      283.78442  (09110418)
        578625.01   4141476.41      346.10025  (12010309)              578645.01
4141476.41      419.06336  (12010309)
        579065.01   4141476.41      143.74487  (10120118)              579085.01
4141476.41      134.78690  (10120118)
        579105.01   4141476.41      126.70610  (10120118)              579125.01
4141476.41      119.34229  (10120118)
        579145.01   4141476.41      112.60961  (10120118)              579165.01
4141476.41      106.39996  (10120118)
        579185.01   4141476.41      100.63920  (10120118)              579205.01
4141476.41       95.29041  (10120118)
        579225.01   4141476.41       90.64045  (10122318)              578385.01
4141496.41      129.60188  (14120118)
        578405.01   4141496.41      138.77370  (14120118)              578425.01
4141496.41      148.89000  (14120118)
        578445.01   4141496.41      160.13694  (14120118)              578465.01
4141496.41      172.76306  (14120118)
        578485.01   4141496.41      187.01495  (14120118)              578505.01
4141496.41      202.83701  (14120118)
        578525.01   4141496.41      221.20097  (14120118)              578545.01
4141496.41      241.10011  (14120118)
        578565.01   4141496.41      264.04187  (14120118)              578585.01
4141496.41      290.10739  (14120118)
        578605.01   4141496.41      319.32729  (14120118)              578625.01
4141496.41      351.30846  (14120118)
        578645.01   4141496.41      406.71894  (12010309)              579085.01
4141496.41      137.09374  (10120118)
        579105.01   4141496.41      128.73350  (10122318)              579125.01
4141496.41      121.31190  (10122318)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579145.01	4141496.41	114.52949	(10122318)	579165.01	4141496.41	108.29858	(10122318)
579185.01	4141496.41	102.55386	(10122318)	579205.01	4141496.41	97.24342	(10122318)
578385.01	4141516.41	132.29495	(13012417)	578405.01	4141516.41	140.34958	(13012417)
578425.01	4141516.41	149.29389	(13012417)	578445.01	4141516.41	159.23750	(13012417)
578465.01	4141516.41	170.50378	(13012417)	578485.01	4141516.41	183.33556	(13012417)
578505.01	4141516.41	198.98412	(14120118)	578525.01	4141516.41	219.36489	(14120118)
578545.01	4141516.41	242.24427	(14120118)	578565.01	4141516.41	269.85471	(14120118)
578585.01	4141516.41	302.75725	(14120118)	578605.01	4141516.41	342.53579	(14120118)
578625.01	4141516.41	391.27009	(14120118)	578645.01	4141516.41	450.92034	(14120118)
579085.01	4141516.41	139.67259	(10122318)	579105.01	4141516.41	131.07249	(10122318)
579125.01	4141516.41	123.18358	(10122318)	579145.01	4141516.41	115.94612	(10122318)
579165.01	4141516.41	109.40213	(11112918)	578385.01	4141536.41	137.87553	(13012417)
578405.01	4141536.41	146.54883	(13012417)	578425.01	4141536.41	156.31570	(13012417)
578445.01	4141536.41	167.30467	(13012417)	578465.01	4141536.41	179.69300	(13012417)

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        578485.01   4141536.41      193.90432  (13012417)               578505.01
4141536.41      210.18170  (13012417)
        578525.01   4141536.41      229.84351  (13012417)               578545.01
4141536.41      251.85605  (13012417)
        578565.01   4141536.41      279.18291  (13012417)               578585.01
4141536.41      312.43596  (13012417)
        578605.01   4141536.41      353.89157  (13012417)               578625.01
4141536.41      407.67996  (13012417)
        578645.01   4141536.41      479.12190  (13012417)               578665.01
4141536.41      576.40939  (17121418)
        579105.01   4141536.41      132.62843  (11112918)               579125.01
4141536.41      124.58252  (11112918)
        579185.01   4141536.41      104.30597  (11112918)               578385.01
4141556.41      137.81763  (13012417)
        578405.01   4141556.41      146.42228  (13012417)               578425.01
4141556.41      156.02040  (13012417)
        578445.01   4141556.41      166.83428  (13012417)               578465.01
4141556.41      179.07631  (13012417)
        578485.01   4141556.41      192.98623  (13012417)               578505.01
4141556.41      208.93407  (13012417)
        578525.01   4141556.41      227.83391  (13012417)               578545.01
4141556.41      249.19291  (13012417)
        578565.01   4141556.41      275.32567  (13012417)               578585.01
4141556.41      307.07668  (13012417)
        578605.01   4141556.41      346.85710  (13012417)               578625.01
4141556.41      397.95821  (17121418)
        578645.01   4141556.41      469.74700  (17121418)               578665.01
4141556.41      572.20609  (17121418)
        578685.01   4141556.41      721.71133  (17121418)               579165.01
4141556.41      109.36886  (11112918)
        579185.01   4141556.41      103.03257  (11112918)               579205.01
4141556.41       97.21566  (11112918)
        578385.01   4141576.41      132.32756  (13012417)               578405.01
4141576.41      140.15634  (13012417)
        578425.01   4141576.41      148.82995  (13012417)               578445.01
4141576.41      158.49689  (13012417)
        578465.01   4141576.41      169.24421  (13012417)               578485.01
4141576.41      181.33424  (13012417)
        578505.01   4141576.41      195.10556  (13012417)               578525.01
4141576.41      210.98068  (13012417)
        578545.01   4141576.41      229.08389  (17121418)               578565.01
4141576.41      250.83461  (17121418)
        578585.01   4141576.41      276.42079  (17121418)               578605.01
4141576.41      306.90275  (17121418)
        578625.01   4141576.41      364.93738  (16120718)               578645.01
4141576.41      448.41154  (16120718)
        578665.01   4141576.41      551.63232  (16120718)               578685.01
4141576.41      729.08751  (12010318)
        578705.01   4141576.41      924.38472  (12010318)               579145.01
4141576.41      112.99923  (11112918)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579165.01	4141576.41	106.02701	(11112918)	579185.01	4141576.41	99.69360	(11112918)
579205.01	4141576.41	93.91279	(11112918)	579225.01	4141576.41	88.67168	(11112918)
579245.01	4141576.41	83.89965	(11112918)	579265.01	4141576.41	79.49212	(11112918)
578385.01	4141596.41	122.38506	(17121418)	578405.01	4141596.41	129.24530	(17121418)
578425.01	4141596.41	136.71211	(17121418)	578445.01	4141596.41	144.95851	(17121418)
578465.01	4141596.41	154.02267	(17121418)	578485.01	4141596.41	164.02240	(17121418)
578505.01	4141596.41	175.21782	(17121418)	578525.01	4141596.41	187.68270	(17121418)
578545.01	4141596.41	204.47469	(16120718)	578565.01	4141596.41	236.10506	(16120718)
578585.01	4141596.41	273.10687	(16120718)	578605.01	4141596.41	315.84299	(16120718)
578625.01	4141596.41	363.88352	(16120718)	578645.01	4141596.41	420.43541	(12111618)
578665.01	4141596.41	538.45573	(12010318)	578685.01	4141596.41	657.84639	(12010318)
578705.01	4141596.41	768.65556	(09010809)	578725.01	4141596.41	786.42505	(12112718)
578745.01	4141596.41	761.68408	(14103118)	579105.01	4141596.41	127.25068	(16011318)
579145.01	4141596.41	110.96617	(16011318)	579165.01	4141596.41	103.94443	(16011318)

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        579185.01   4141596.41       97.57555  (16011318)               579205.01
4141596.41       91.77243  (16011318)
        579225.01   4141596.41       86.49255  (16011318)               579245.01
4141596.41       81.66991  (16011318)
        579265.01   4141596.41       77.21847  (16011318)               579285.01
4141596.41       73.21228  (16011318)
        579305.01   4141596.41       69.47771  (16011318)               579325.01
4141596.41       66.02476  (16011318)
        579345.01   4141596.41       62.77462  (16011318)               578385.01
4141616.41      111.29268  (17121418)
        578405.01   4141616.41      116.78641  (17121418)               578425.01
4141616.41      122.69300  (17121418)
        578445.01   4141616.41      129.02694  (17121418)               578465.01
4141616.41      136.47648  (16120718)
        578485.01   4141616.41      153.07222  (16120718)               578505.01
4141616.41      171.93083  (16120718)
        578525.01   4141616.41      193.35567  (16120718)               578545.01
4141616.41      216.74688  (16120718)
        578565.01   4141616.41      242.72732  (16120718)               578585.01
4141616.41      270.14873  (16120718)
        578605.01   4141616.41      297.61422  (16120718)               578625.01
4141616.41      347.21863  (12111618)
        578645.01   4141616.41      418.70527  (12010318)               578665.01
4141616.41      486.30714  (12010318)
        578685.01   4141616.41      574.09172  (09010809)               578705.01
4141616.41      602.55703  (12112718)
        578725.01   4141616.41      637.10822  (09112618)               578745.01
4141616.41      582.47195  (14103118)
        579065.01   4141616.41      151.98058  (16011318)               579085.01
4141616.41      140.99119  (16011318)
        579105.01   4141616.41      131.18672  (16011318)               579125.01
4141616.41      122.28912  (16011318)
        579165.01   4141616.41      107.20583  (16011318)               579185.01
4141616.41      100.69108  (16011318)
        579205.01   4141616.41       94.78894  (16011318)               579225.01
4141616.41       89.43942  (16011318)
        579245.01   4141616.41       84.53492  (16011318)               579265.01
4141616.41       80.02895  (16011318)
        579285.01   4141616.41       75.92128  (16011318)               579305.01
4141616.41       72.10062  (16011318)
        579325.01   4141616.41       68.57784  (16011318)               579345.01
4141616.41       65.24579  (16011318)
        578385.01   4141636.41      101.77375  (10012218)               578405.01
4141636.41      110.00049  (16120718)
        578425.01   4141636.41      121.38774  (16120718)               578445.01
4141636.41      133.97070  (16120718)
        578465.01   4141636.41      147.81157  (16120718)               578485.01
4141636.41      162.87893  (16120718)
        578505.01   4141636.41      179.18565  (16120718)               578525.01
4141636.41      196.51487  (16120718)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578545.01	4141636.41	214.16567	(16120718)	578565.01	4141636.41	231.67687	(16120718)
578585.01	4141636.41	255.86067	(12111618)	578605.01	4141636.41	293.28820	(09121117)
578625.01	4141636.41	340.34120	(12010318)	578645.01	4141636.41	382.04160	(12010318)
578665.01	4141636.41	442.38259	(09010809)	578685.01	4141636.41	476.78536	(09010809)
578705.01	4141636.41	507.80269	(12112718)	578725.01	4141636.41	513.85101	(09112618)
579045.01	4141636.41	166.16313	(16011318)	579065.01	4141636.41	153.17645	(16011318)
579085.01	4141636.41	141.87204	(16011318)	579105.01	4141636.41	131.92590	(16011318)
579125.01	4141636.41	123.13180	(16011318)	579165.01	4141636.41	108.10731	(16011318)
579185.01	4141636.41	101.79903	(16011318)	579205.01	4141636.41	95.99766	(16011318)
579225.01	4141636.41	90.72294	(16011318)	579245.01	4141636.41	85.86184	(16011318)
579265.01	4141636.41	81.45224	(16011318)	579285.01	4141636.41	77.33475	(16011318)
579305.01	4141636.41	73.55301	(16011318)	579325.01	4141636.41	70.04072	(16011318)
579345.01	4141636.41	66.78962	(16011318)	578385.01	4141656.41	108.91254	(16120718)
578405.01	4141656.41	118.70614	(16120718)	578425.01	4141656.41	129.21252	(16120718)

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        578445.01   4141656.41      140.47200  (16120718)              578465.01
4141656.41      152.42005  (16120718)
        578485.01   4141656.41      164.72135  (16120718)              578505.01
4141656.41      177.27249  (16120718)
        578525.01   4141656.41      189.33019  (16120718)              578545.01
4141656.41      200.45327  (16120718)
        578565.01   4141656.41      225.42940  (12111618)              578585.01
4141656.41      253.07876  (09121117)
        578605.01   4141656.41      285.54580  (12010318)              578625.01
4141656.41      313.58029  (12010318)
        578645.01   4141656.41      355.17472  (09010809)              578665.01
4141656.41      387.59377  (09010809)
        578685.01   4141656.41      401.64795  (12112718)              578705.01
4141656.41      428.44450  (09112618)
        578725.01   4141656.41      416.68224  (09112618)              579005.01
4141656.41      207.64537  (09012218)
        579025.01   4141656.41      186.04289  (09012218)              579045.01
4141656.41      167.99679  (09012218)
        579065.01   4141656.41      152.81471  (17010418)              579085.01
4141656.41      141.12326  (17010418)
        579105.01   4141656.41      130.88962  (17010418)              579125.01
4141656.41      121.79731  (17010418)
        579145.01   4141656.41      113.69824  (17010418)              579185.01
4141656.41      100.61424  (16011318)
        579205.01   4141656.41       95.13694  (16011318)              579225.01
4141656.41       90.11663  (16011318)
        579245.01   4141656.41       85.48476  (16011318)              579265.01
4141656.41       81.29964  (16011318)
        579285.01   4141656.41       77.38200  (16011318)              579305.01
4141656.41       73.73674  (16011318)
        579325.01   4141656.41       70.36550  (16011318)              579345.01
4141656.41       67.21593  (16011318)
        578385.01   4141676.41      114.56069  (16120718)              578405.01
4141676.41      123.21997  (16120718)
        578425.01   4141676.41      132.19096  (16120718)              578445.01
4141676.41      141.39959  (16120718)
        578465.01   4141676.41      150.65921  (16120718)              578485.01
4141676.41      159.56910  (16120718)
        578505.01   4141676.41      167.97084  (16120718)              578525.01
4141676.41      181.39796  (12111618)
        578545.01   4141676.41      200.70121  (12111618)              578565.01
4141676.41      222.18752  (09121117)
        578585.01   4141676.41      245.63500  (12010318)              578605.01
4141676.41      265.45896  (12010318)
        578625.01   4141676.41      294.07947  (09010809)              578645.01
4141676.41      323.07865  (09010809)
        578665.01   4141676.41      327.81287  (09010809)              578685.01
4141676.41      353.40312  (12112718)
        578705.01   4141676.41      365.88535  (09112618)              578985.01
4141676.41      242.31802  (09012218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579005.01	4141676.41	214.15636	(09012218)	579025.01	4141676.41	191.88764	(09012218)
579045.01	4141676.41	173.44344	(09012218)	579065.01	4141676.41	157.94366	(09012218)
579085.01	4141676.41	144.48277	(09012218)	579105.01	4141676.41	132.72613	(09012218)
579125.01	4141676.41	122.31650	(09012218)	579145.01	4141676.41	113.38502	(17010418)
579165.01	4141676.41	106.45337	(17010418)	579185.01	4141676.41	100.23083	(17010418)
579205.01	4141676.41	94.58926	(17010418)	579225.01	4141676.41	89.36889	(17010418)
579245.01	4141676.41	84.47774	(17010418)	579265.01	4141676.41	80.01949	(17010418)
579285.01	4141676.41	76.01482	(16011318)	579305.01	4141676.41	72.67180	(16011318)
579325.01	4141676.41	69.52745	(16011318)	579345.01	4141676.41	66.57042	(16011318)
578385.01	4141696.41	116.49736	(16120718)	578405.01	4141696.41	123.56672	(16120718)
578425.01	4141696.41	130.60380	(16120718)	578445.01	4141696.41	137.45442	(16120718)
578465.01	4141696.41	143.78633	(16120718)	578485.01	4141696.41	150.05419	(12111618)
578505.01	4141696.41	165.80239	(12111618)	578525.01	4141696.41	180.25248	(12111618)
578565.01	4141696.41	215.49002	(12010318)	578585.01	4141696.41	230.32343	(12010318)

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        578605.01   4141696.41      249.72489  (09010809)              578625.01
4141696.41      274.79870  (09010809)
        578645.01   4141696.41      284.22575  (09010809)              578665.01
4141696.41      295.31098  (12112718)
        578685.01   4141696.41      311.75496  (09112618)              578945.01
4141696.41      334.36515  (17112518)
        578965.01   4141696.41      282.25269  (17112518)              578985.01
4141696.41      242.64535  (17112518)
        579005.01   4141696.41      211.41175  (17112518)              579025.01
4141696.41      188.41202  (09012218)
        579045.01   4141696.41      171.95718  (09012218)              579065.01
4141696.41      157.77358  (09012218)
        579085.01   4141696.41      145.43253  (09012218)              579105.01
4141696.41      134.50153  (09012218)
        579125.01   4141696.41      124.77152  (09012218)              579145.01
4141696.41      115.88784  (09012218)
        579165.01   4141696.41      107.80396  (09012218)              579185.01
4141696.41      100.35698  (09012218)
        579205.01   4141696.41       93.72111  (09012218)              579225.01
4141696.41       88.46810  (17010418)
        579245.01   4141696.41       84.11933  (17010418)              579265.01
4141696.41       79.92539  (17010418)
        579285.01   4141696.41       76.08837  (17010418)              579305.01
4141696.41       72.56051  (17010418)
        579325.01   4141696.41       69.15956  (17010418)              579345.01
4141696.41       65.94541  (17010418)
        578385.01   4141716.41      114.94601  (16120718)              578405.01
4141716.41      120.24368  (16120718)
        578425.01   4141716.41      125.22928  (16120718)              578445.01
4141716.41      129.68449  (16120718)
        578465.01   4141716.41      139.82604  (12111618)              578485.01
4141716.41      152.06229  (12111618)
        578505.01   4141716.41      163.25142  (12111618)              578525.01
4141716.41      178.04252  (09121117)
        578605.01   4141716.41      238.17142  (09010809)              578625.01
4141716.41      249.31687  (09010809)
        578645.01   4141716.41      247.98986  (12112718)              578665.01
4141716.41      268.78444  (12112718)
        578685.01   4141716.41      279.31321  (09112618)              578905.01
4141716.41      403.60190  (13012318)
        578925.01   4141716.41      337.36948  (11121618)              578945.01
4141716.41      301.98623  (11121618)
        578965.01   4141716.41      264.66723  (11121618)              578985.01
4141716.41      234.94638  (17112518)
        579005.01   4141716.41      210.15621  (17112518)              579025.01
4141716.41      188.44352  (17112518)
        579045.01   4141716.41      169.52787  (17112518)              579065.01
4141716.41      152.96221  (17112518)
        579085.01   4141716.41      141.44310  (09012218)              579105.01
4141716.41      132.01391  (09012218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579125.01	4141716.41	123.57076	(09012218)	579145.01	4141716.41	115.77374	(09012218)
579165.01	4141716.41	108.45342	(09012218)	579185.01	4141716.41	101.66916	(09012218)
579205.01	4141716.41	95.49051	(09012218)	579225.01	4141716.41	89.71367	(09012218)
579245.01	4141716.41	84.42475	(09012218)	579265.01	4141716.41	79.38173	(09012218)
579285.01	4141716.41	74.91988	(17010418)	579305.01	4141716.41	71.71492	(17010418)
579325.01	4141716.41	68.66162	(17010418)	579345.01	4141716.41	65.73118	(17010418)
578385.01	4141736.41	110.45232	(16120718)	578405.01	4141736.41	114.03288	(16120718)
578425.01	4141736.41	120.10135	(12111618)	578445.01	4141736.41	130.46566	(12111618)
578465.01	4141736.41	140.19530	(12111618)	578485.01	4141736.41	149.22764	(09121117)
578505.01	4141736.41	161.68158	(09121117)	578625.01	4141736.41	223.00783	(09010809)
578645.01	4141736.41	232.89714	(12112718)	578665.01	4141736.41	243.89713	(12112718)
578865.01	4141736.41	404.05330	(14121218)	578885.01	4141736.41	386.06974	(14121218)
578905.01	4141736.41	319.46005	(14020618)	578925.01	4141736.41	294.97444	(13012318)
578945.01	4141736.41	254.92741	(13012318)	578965.01	4141736.41	236.68453	(11121618)

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        578985.01   4141736.41      217.44769  (11121618)               579005.01
4141736.41      197.54939  (11121618)
        579025.01   4141736.41      181.51328  (17112518)               579045.01
4141736.41      166.92378  (17112518)
        579065.01   4141736.41      153.13308  (17112518)               579085.01
4141736.41      140.34092  (17112518)
        579105.01   4141736.41      128.44961  (17112518)               579125.01
4141736.41      118.85554  (09012218)
        579145.01   4141736.41      112.50521  (09012218)               579165.01
4141736.41      106.39539  (09012218)
        579185.01   4141736.41      100.53972  (09012218)               579205.01
4141736.41       95.15153  (09012218)
        579225.01   4141736.41       90.04262  (09012218)               579245.01
4141736.41       85.20067  (09012218)
        579265.01   4141736.41       80.61903  (09012218)               579285.01
4141736.41       76.26430  (09012218)
        579305.01   4141736.41       72.11887  (09012218)               579325.01
4141736.41       68.24384  (09012218)
        579345.01   4141736.41       64.53429  (09012218)               578385.01
4141756.41      104.50181  (12111618)
        578405.01   4141756.41      113.46067  (12111618)               578425.01
4141756.41      122.04378  (12111618)
        578445.01   4141756.41      129.79319  (12111618)               578465.01
4141756.41      137.88506  (09121117)
        578485.01   4141756.41      148.08807  (09121117)               578845.01
4141756.41      300.89068  (14121218)
        578865.01   4141756.41      328.17848  (14121218)               578885.01
4141756.41      320.89649  (14121218)
        578905.01   4141756.41      280.36756  (14121218)               578925.01
4141756.41      250.15742  (13012318)
        578945.01   4141756.41      232.51936  (13012318)               578965.01
4141756.41      206.73546  (13012318)
        578985.01   4141756.41      192.90083  (11121618)               579005.01
4141756.41      182.69798  (11121618)
        579025.01   4141756.41      170.42857  (11121618)               579045.01
4141756.41      157.47562  (11121618)
        579065.01   4141756.41      147.59804  (17112518)               579085.01
4141756.41      137.71325  (17112518)
        579105.01   4141756.41      127.97184  (17112518)               579125.01
4141756.41      118.87935  (17112518)
        579145.01   4141756.41      110.18214  (17112518)               579165.01
4141756.41      101.94590  (17112518)
        579185.01   4141756.41       97.12957  (09012218)               579205.01
4141756.41       92.76022  (09012218)
        579225.01   4141756.41       88.44950  (09012218)               579245.01
4141756.41       84.24610  (09012218)
        579265.01   4141756.41       80.25777  (09012218)               579285.01
4141756.41       76.44110  (09012218)
        579305.01   4141756.41       72.74167  (09012218)               579325.01
4141756.41       69.10744  (09012218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579345.01	4141756.41	65.71192	(09012218)	578385.01	4141776.41	107.21196	(12111618)
578405.01	4141776.41	114.28253	(12111618)	578425.01	4141776.41	120.49179	(12111618)
578445.01	4141776.41	127.97974	(09121117)	578465.01	4141776.41	136.33353	(09121117)
578485.01	4141776.41	144.03348	(12010318)	578825.01	4141776.41	232.13727	(12121918)
578845.01	4141776.41	255.83106	(14121218)	578865.01	4141776.41	275.00201	(14121218)
578885.01	4141776.41	274.26296	(14121218)	578905.01	4141776.41	250.04398	(14121218)
578925.01	4141776.41	216.81166	(14020618)	578945.01	4141776.41	205.08305	(13012318)
578965.01	4141776.41	192.11778	(13012318)	578985.01	4141776.41	173.92567	(13012318)
579005.01	4141776.41	161.67140	(11121618)	579025.01	4141776.41	156.13223	(11121618)
579045.01	4141776.41	148.44385	(11121618)	579065.01	4141776.41	139.56573	(11121618)
579085.01	4141776.41	130.85023	(17112518)	579105.01	4141776.41	123.77081	(17112518)
579125.01	4141776.41	116.76701	(17112518)	579145.01	4141776.41	109.65055	(17112518)
579165.01	4141776.41	102.63344	(17112518)	579185.01	4141776.41	95.78464	(17112518)
579205.01	4141776.41	89.39009	(17112518)	579225.01	4141776.41	85.10440	(09012218)

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        579245.01   4141776.41       81.72679  (09012218)               579265.01
4141776.41       78.44782  (09012218)
        579285.01   4141776.41       75.20392  (09012218)               579305.01
4141776.41       72.10215  (09012218)
        579325.01   4141776.41       68.88574  (09012218)               579345.01
4141776.41       65.86144  (09012218)
        578405.01   4141796.41      112.21127  (12111618)               578425.01
4141796.41      119.34188  (09121117)
        578445.01   4141796.41      126.20392  (09121117)               578465.01
4141796.41      132.63786  (12010318)
        578805.01   4141796.41      202.26236  (14103118)               578825.01
4141796.41      205.59679  (12121918)
        578845.01   4141796.41      221.10439  (12121918)               578865.01
4141796.41      237.15546  (14121218)
        578885.01   4141796.41      238.73973  (14121218)               578905.01
4141796.41      224.33883  (14121218)
        578925.01   4141796.41      197.52553  (14121218)               578945.01
4141796.41      178.38004  (14020618)
        578965.01   4141796.41      173.63520  (13012318)               578985.01
4141796.41      163.19031  (13012318)
        579005.01   4141796.41      149.53213  (13012318)               579025.01
4141796.41      138.06334  (11121618)
        579045.01   4141796.41      135.38056  (11121618)               579065.01
4141796.41      130.57978  (11121618)
        579085.01   4141796.41      124.44166  (11121618)               579105.01
4141796.41      117.57507  (11121618)
        579125.01   4141796.41      111.66931  (17112518)               579145.01
4141796.41      106.41570  (17112518)
        579165.01   4141796.41      100.91290  (17112518)               579185.01
4141796.41       95.31987  (17112518)
        579205.01   4141796.41       89.88540  (17112518)               579225.01
4141796.41       84.47542  (17112518)
        579245.01   4141796.41       79.31303  (17112518)               579265.01
4141796.41       75.26304  (09012218)
        579285.01   4141796.41       72.84350  (09012218)               579305.01
4141796.41       70.27164  (09012218)
        579325.01   4141796.41       67.69011  (09012218)               579345.01
4141796.41       65.13186  (09012218)
        578445.01   4141816.41      122.85911  (12010318)               578585.01
4141816.41      155.43623  (09010809)
        578605.01   4141816.41      164.36214  (12112718)               578665.01
4141816.41      179.96808  (09112618)
        578685.01   4141816.41      177.83815  (09112618)               578785.01
4141816.41      178.30546  (14103118)
        578805.01   4141816.41      181.80988  (14103118)               578825.01
4141816.41      183.45617  (12121918)
        578845.01   4141816.41      195.90870  (12121918)               578865.01
4141816.41      207.78938  (14121218)
        578885.01   4141816.41      210.80747  (14121218)               578905.01
4141816.41      202.44352  (14121218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141816.41	183.74960	(14121218)	578945.01	4141816.41	164.41244	(14020618)
578965.01	4141816.41	154.28576	(13012318)	578985.01	4141816.41	149.99761	(13012318)
579005.01	4141816.41	141.60942	(13012318)	579025.01	4141816.41	130.80233	(13012318)
579045.01	4141816.41	120.00365	(11121618)	579065.01	4141816.41	118.76113	(11121618)
579085.01	4141816.41	115.79245	(11121618)	579105.01	4141816.41	111.63403	(11121618)
579125.01	4141816.41	106.73846	(11121618)	579145.01	4141816.41	101.25279	(11121618)
579165.01	4141816.41	97.06469	(17112518)	579185.01	4141816.41	92.86292	(17112518)
579205.01	4141816.41	88.56147	(17112518)	579225.01	4141816.41	84.09447	(17112518)
579245.01	4141816.41	79.74060	(17112518)	579265.01	4141816.41	75.35750	(17112518)
579285.01	4141816.41	71.03079	(17112518)	579305.01	4141816.41	67.31380	(09012218)
579325.01	4141816.41	65.35646	(09012218)	579345.01	4141816.41	63.31870	(09012218)
578565.01	4141836.41	145.26151	(09010809)	578585.01	4141836.41	148.14457	(12112718)
578605.01	4141836.41	157.06879	(12112718)	578625.01	4141836.41	161.59131	(12112718)
578645.01	4141836.41	166.71174	(09112618)	578665.01	4141836.41	167.69605	(09112618)

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        578685.01   4141836.41      164.57062  (09112618)               578705.01
4141836.41      158.60145  (09112618)
        578725.01   4141836.41      150.61581  (09112618)               578765.01
4141836.41      156.07453  (14103118)
        578785.01   4141836.41      162.83020  (14103118)               578805.01
4141836.41      164.39855  (14103118)
        578825.01   4141836.41      164.87357  (12121918)               578845.01
4141836.41      175.35357  (12121918)
        578865.01   4141836.41      183.41158  (14121218)               578885.01
4141836.41      188.24447  (14121218)
        578905.01   4141836.41      183.57337  (14121218)               578925.01
4141836.41      170.59490  (14121218)
        578945.01   4141836.41      151.91894  (14121218)               578965.01
4141836.41      141.03821  (14020618)
        578985.01   4141836.41      135.65375  (13012318)               579005.01
4141836.41      131.70077  (13012318)
        579025.01   4141836.41      124.76156  (13012318)               579045.01
4141836.41      116.07862  (13012318)
        579065.01   4141836.41      106.32193  (13012318)               579085.01
4141836.41      105.34299  (11121618)
        579105.01   4141836.41      103.64870  (11121618)               579125.01
4141836.41      100.83592  (11121618)
        579145.01   4141836.41       97.16767  (11121618)               579165.01
4141836.41       92.96287  (11121618)
        579185.01   4141836.41       88.70591  (17112518)               579205.01
4141836.41       85.60087  (17112518)
        579225.01   4141836.41       82.20333  (17112518)               579245.01
4141836.41       78.67921  (17112518)
        579265.01   4141836.41       75.09988  (17112518)               579285.01
4141836.41       71.39480  (17112518)
        579305.01   4141836.41       67.67482  (17112518)               579325.01
4141836.41       64.06409  (17112518)
        579345.01   4141836.41       60.91862  (15110918)               578565.01
4141856.41      133.74592  (09010809)
        578585.01   4141856.41      143.28030  (12112718)               578605.01
4141856.41      149.33240  (12112718)
        578625.01   4141856.41      153.28115  (09112618)               578645.01
4141856.41      156.83909  (09112618)
        578665.01   4141856.41      156.22330  (09112618)               578685.01
4141856.41      152.10092  (09112618)
        578705.01   4141856.41      145.29109  (09112618)               578725.01
4141856.41      136.18650  (09112618)
        578745.01   4141856.41      135.52189  (14103118)               578765.01
4141856.41      144.24861  (14103118)
        578785.01   4141856.41      149.23568  (14103118)               578805.01
4141856.41      149.55705  (14103118)
        578825.01   4141856.41      149.10490  (12121918)               578845.01
4141856.41      158.10503  (12121918)
        578865.01   4141856.41      163.75538  (14121218)               578885.01
4141856.41      169.26369  (14121218)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578905.01	4141856.41	167.17140	(14121218)	578925.01	4141856.41	158.39582	(14121218)
578945.01	4141856.41	144.25242	(14121218)	578965.01	4141856.41	131.62849	(14020618)
578985.01	4141856.41	122.48193	(14020618)	579005.01	4141856.41	120.73730	(13012318)
579025.01	4141856.41	117.06633	(13012318)	579045.01	4141856.41	111.28664	(13012318)
579065.01	4141856.41	104.03645	(13012318)	579085.01	4141856.41	95.89283	(13012318)
579105.01	4141856.41	94.25688	(11121618)	579125.01	4141856.41	93.40281	(11121618)
579145.01	4141856.41	91.45442	(11121618)	579165.01	4141856.41	88.76021	(11121618)
579185.01	4141856.41	85.62035	(11121618)	579205.01	4141856.41	82.03758	(11121618)
579225.01	4141856.41	78.94346	(17112518)	579245.01	4141856.41	76.38699	(17112518)
579265.01	4141856.41	73.60285	(17112518)	579285.01	4141856.41	70.47939	(17112518)
579305.01	4141856.41	67.39103	(17112518)	579325.01	4141856.41	64.40333	(17112518)
579345.01	4141856.41	61.23965	(17112518)	578545.01	4141876.41	125.94585	(09010809)
578565.01	4141876.41	130.64372	(12112718)	578585.01	4141876.41	137.64310	(12112718)
578605.01	4141876.41	141.37253	(12112718)	578625.01	4141876.41	145.66946	(09112618)

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        578645.01   4141876.41      147.31687  (09112618)              578665.01
4141876.41      145.32575  (09112618)
        578685.01   4141876.41      140.21455  (09112618)              578705.01
4141876.41      132.46040  (09112618)
        578725.01   4141876.41      123.79076  (11112817)              578745.01
4141876.41      126.54846  (14103118)
        578765.01   4141876.41      133.66474  (14103118)              578785.01
4141876.41      137.30797  (14103118)
        578805.01   4141876.41      136.79917  (14103118)              578825.01
4141876.41      135.58297  (12121918)
        578845.01   4141876.41      143.70169  (12121918)              578865.01
4141876.41      147.36942  (14121218)
        578885.01   4141876.41      153.10526  (14121218)              578905.01
4141876.41      152.90942  (14121218)
        578925.01   4141876.41      147.17107  (14121218)              578945.01
4141876.41      136.59883  (14121218)
        578965.01   4141876.41      122.68853  (14121218)              578985.01
4141876.41      116.05899  (14020618)
        579005.01   4141876.41      109.47922  (13012318)              579025.01
4141876.41      108.44302  (13012318)
        579045.01   4141876.41      105.20217  (13012318)              579065.01
4141876.41      100.20464  (13012318)
        579085.01   4141876.41       94.04663  (13012318)              579105.01
4141876.41       87.26969  (13012318)
        579125.01   4141876.41       85.00998  (11121618)              579145.01
4141876.41       84.63231  (11121618)
        579165.01   4141876.41       83.36296  (11121618)              579185.01
4141876.41       81.50262  (11121618)
        579205.01   4141876.41       79.07595  (11121618)              579225.01
4141876.41       76.23108  (11121618)
        579245.01   4141876.41       73.11155  (11121618)              579265.01
4141876.41       71.02200  (17112518)
        579285.01   4141876.41       68.67360  (17112518)              579305.01
4141876.41       66.25964  (17112518)
        579325.01   4141876.41       63.81790  (17112518)              579345.01
4141876.41       61.13747  (17112518)
        578545.01   4141896.41      119.15428  (12112718)              578565.01
4141896.41      126.69672  (12112718)
        578585.01   4141896.41      131.50109  (12112718)              578605.01
4141896.41      134.56704  (09112618)
        578625.01   4141896.41      138.06085  (09112618)              578645.01
4141896.41      138.08216  (09112618)
        578665.01   4141896.41      134.85516  (09112618)              578685.01
4141896.41      128.79446  (09112618)
        578705.01   4141896.41      120.20390  (09112618)              578725.01
4141896.41      114.42956  (11112817)
        578745.01   4141896.41      118.36503  (14103118)              578765.01
4141896.41      124.15561  (14103118)
        578785.01   4141896.41      126.74492  (14103118)              578805.01
4141896.41      125.71154  (14103118)
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        578825.01   4141896.41      123.88182  (12121918)                578845.01
4141896.41      131.33649  (12121918)
        578865.01   4141896.41      134.26668  (12121918)                578885.01
4141896.41      139.17791  (14121218)
        578905.01   4141896.41      140.40582  (14121218)                578925.01
4141896.41      136.84971  (14121218)
        578945.01   4141896.41      129.03191  (14121218)                578965.01
4141896.41      118.00587  (14121218)
        578985.01   4141896.41      109.41805  (14020618)                579005.01
4141896.41      103.10953  (14020618)
        579025.01   4141896.41       99.50354  (13012318)                579045.01
4141896.41       98.26579  (13012318)
        579065.01   4141896.41       95.28687  (13012318)                579085.01
4141896.41       90.97413  (13012318)
        579105.01   4141896.41       85.79157  (13012318)                579125.01
4141896.41       79.87188  (13012318)
        579145.01   4141896.41       77.04096  (11121618)                579165.01
4141896.41       77.04937  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 979
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP23  ***
                                    INCLUDING SOURCE(S):     PAV1_0      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579185.01   4141896.41       76.41191  (11121618)                579205.01
4141896.41       75.09050  (11121618)
        579225.01   4141896.41       73.21341  (11121618)                579245.01
4141896.41       70.94443  (11121618)
        579265.01   4141896.41       68.44988  (11121618)                579285.01
4141896.41       65.96272  (17112518)
        579305.01   4141896.41       64.25191  (17112518)                579325.01
4141896.41       62.31605  (17112518)
        579345.01   4141896.41       60.20635  (17112518)                578565.01
4141916.41      122.11810  (12112718)
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578585.01 4141916.41 125.01034 (12112718) 578605.01
4141916.41 128.67761 (09112618)
578625.01 4141916.41 130.44652 (09112618) 578645.01
4141916.41 129.08580 (09112618)
578665.01 4141916.41 124.78971 (09112618) 578685.01
4141916.41 117.88636 (09112618)
578705.01 4141916.41 108.61302 (09112618) 578725.01
4141916.41 105.80689 (11112817)
578745.01 4141916.41 110.95215 (14103118) 578765.01
4141916.41 115.63893 (14103118)
578785.01 4141916.41 117.45070 (14103118) 578805.01
4141916.41 116.00165 (14103118)
578825.01 4141916.41 113.74928 (12121918) 578845.01
4141916.41 120.59741 (12121918)
578865.01 4141916.41 123.65955 (12121918) 578885.01
4141916.41 127.08317 (14121218)
578905.01 4141916.41 129.22033 (14121218) 578925.01
4141916.41 127.29759 (14121218)
578945.01 4141916.41 121.68794 (14121218) 578965.01
4141916.41 113.04355 (14121218)
578985.01 4141916.41 102.64771 (14020618) 579005.01
4141916.41 98.25688 (14020618)
579025.01 4141916.41 92.17422 (14020618) 579045.01
4141916.41 91.04160 (13012318)
579065.01 4141916.41 89.65052 (13012318) 579085.01
4141916.41 86.95813 (13012318)
579105.01 4141916.41 83.24252 (13012318) 579125.01
4141916.41 78.63275 (13012318)
579145.01 4141916.41 73.48436 (13012318) 579165.01
4141916.41 70.22044 (11121618)
579185.01 4141916.41 70.60994 (11121618) 578386.27
4141125.26 81.74786 (16020318)
578406.27 4141125.26 85.99494 (16020318) 578426.27
4141125.26 89.22120 (16020318)
578446.27 4141125.26 90.45817 (16020318) 578466.27
4141125.26 86.21214 (14112017)
578486.27 4141125.26 93.03296 (14112017) 578506.27
4141125.26 99.04010 (13111917)
578526.27 4141125.26 107.67152 (09012117) 578546.27
4141125.26 114.66094 (09012117)
578566.27 4141125.26 119.11175 (09012117) 578586.27
4141125.26 120.49061 (09012117)
578606.27 4141125.26 118.49206 (09012117) 578626.27
4141125.26 123.35455 (14121217)
578646.27 4141125.26 124.37885 (14121217) 578666.27
4141125.26 122.93683 (11010818)
578686.27 4141125.26 126.85601 (11010818) 578706.27
4141125.26 129.63983 (14010318)
578726.27 4141125.26 127.85602 (14010318) 578746.27
4141125.26 131.30530 (16120717)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP23 ***
INCLUDING SOURCE(S): PAV1_0 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578766.27	4141125.26	130.83872	(10010917)	578786.27	4141125.26	132.50158	(14122017)
578806.27	4141125.26	131.25805	(14122017)	578826.27	4141125.26	128.70209	(13121418)
578846.27	4141125.26	126.94332	(16110418)	578866.27	4141125.26	125.47697	(09011617)
578886.27	4141125.26	123.62577	(09012317)	578906.27	4141125.26	123.46125	(09012317)
578926.27	4141125.26	119.25981	(10121417)	578946.27	4141125.26	118.39980	(10121417)
578966.27	4141125.26	114.15233	(10121417)	578986.27	4141125.26	109.93047	(11112917)
579006.27	4141125.26	106.67484	(12111418)	579026.27	4141125.26	105.20796	(12111418)
579046.27	4141125.26	104.09834	(09011017)	579066.27	4141125.26	101.29501	(09011017)
579086.27	4141125.26	97.09534	(12111417)	579106.27	4141125.26	94.83946	(12111417)
579126.27	4141125.26	91.13360	(12111417)	579146.27	4141125.26	86.77201	(17121318)
579166.27	4141125.26	84.13252	(17121318)	579186.27	4141125.26	81.10321	(13110618)
579206.27	4141125.26	79.39902	(13110618)	578386.27	4141145.26	85.23415	(11122717)
578406.27	4141145.26	86.97609	(16020318)	578426.27	4141145.26	91.38390	(16020318)
578446.27	4141145.26	94.76215	(16020318)	578466.27	4141145.26	95.68982	(16020318)

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        578486.27   4141145.26       94.09591  (14112017)              578506.27
4141145.26      101.18447  (14112017)
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4141145.26      118.08022  (09012117)
        578566.27   4141145.26      124.59776  (09012117)              578586.27
4141145.26      127.86911  (09012117)
        578606.27   4141145.26      127.53486  (09012117)              578626.27
4141145.26      129.66285  (14121217)
        578646.27   4141145.26      132.46315  (14121217)              578666.27
4141145.26      130.45968  (14121217)
        578686.27   4141145.26      134.31672  (11010818)              578706.27
4141145.26      137.72414  (14010318)
        578726.27   4141145.26      136.82223  (14010318)              578746.27
4141145.26      139.60675  (16120717)
        578766.27   4141145.26      139.13498  (10010917)              578786.27
4141145.26      140.95995  (14122017)
        578806.27   4141145.26      139.40473  (10120918)              578826.27
4141145.26      136.52533  (13121418)
        578846.27   4141145.26      134.90347  (16110418)              578866.27
4141145.26      133.13042  (09011617)
        578886.27   4141145.26      131.90797  (09012317)              578906.27
4141145.26      130.15641  (09012317)
        578926.27   4141145.26      127.04215  (10121417)              578946.27
4141145.26      124.44139  (10121417)
        578966.27   4141145.26      119.16399  (11112917)              578986.27
4141145.26      114.14542  (13113018)
        579006.27   4141145.26      112.83716  (12111418)              579026.27
4141145.26      111.13929  (09011017)
        579046.27   4141145.26      108.73639  (09011017)              579066.27
4141145.26      104.17008  (09011017)
        579086.27   4141145.26      101.39646  (12111417)              579106.27
4141145.26       97.51336  (12111417)
        579126.27   4141145.26       92.46879  (17121318)              579146.27
4141145.26       89.61115  (17121318)
        579166.27   4141145.26       86.19553  (13110618)              579186.27
4141145.26       84.19306  (13110618)
        579206.27   4141145.26       81.37576  (13110618)              578723.62
4141929.59      100.74836  (11112817)
        578743.62   4141929.59      106.02307  (14103118)              578763.62
4141929.59      110.30468  (14103118)
        578783.62   4141929.59      111.91357  (14103118)              578803.62
4141929.59      110.58027  (14103118)
        578823.62   4141929.59      107.22363  (12121918)              578843.62
4141929.59      113.91610  (12121918)
        578863.62   4141929.59      117.27922  (12121918)              578883.62
4141929.59      119.58065  (14121218)
        578903.62   4141929.59      122.45796  (14121218)              578923.62
4141929.59      121.65020  (14121218)
        578943.62   4141929.59      117.38347  (14121218)              578963.62
4141929.59      110.26598  (14121218)
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4141929.59       95.20315  (14020618)
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4141929.59       86.18411  (13012318)
        579063.62   4141929.59       85.85959  (13012318)                579083.62
4141929.59       84.13035  (13012318)
        579103.62   4141929.59       81.27465  (13012318)                579123.62
4141929.59       77.58987  (13012318)
        579143.62   4141929.59       73.19933  (13012318)                579163.62
4141929.59       68.42624  (13012318)
        579183.62   4141929.59       66.50975  (11121618)                578725.67
4141942.60       96.69885  (14103118)
        578745.67   4141942.60      102.32549  (14103118)                578765.67
4141942.60      105.85075  (14103118)
        578785.67   4141942.60      106.84845  (14103118)                578805.67
4141942.60      105.17690  (14103118)
        578825.67   4141942.60      102.62912  (12121918)                578845.67
4141942.60      108.66319  (12121918)
        578865.67   4141942.60      111.69177  (12121918)                578885.67
4141942.60      113.50172  (14121218)
        578905.67   4141942.60      116.40595  (14121218)                578925.67
4141942.60      115.96536  (14121218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                   *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP23  ***
                                      INCLUDING SOURCE(S):     PAV1_0      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578945.67   4141942.60      112.35581  (14121218)                578965.67
4141942.60      106.10401  (14121218)
        578985.67   4141942.60       97.83813  (14121218)                579005.67
4141942.60       91.44564  (14020618)
        579025.67   4141942.60       87.35450  (14020618)                579045.67
4141942.60       81.92887  (14020618)
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        579065.67   4141942.60       81.80669  (13012318)               579085.67
4141942.60       80.77424  (13012318)
        579105.67   4141942.60       78.60667  (13012318)               579125.67
4141942.60       75.54601  (13012318)
        579145.67   4141942.60       71.87428  (13012318)               579165.67
4141942.60       67.64461  (13012318)
        579185.67   4141942.60       63.14247  (13012318)               578745.52
4141955.60       98.35822  (14103118)
        578765.52   4141955.60      101.41448  (14103118)               578785.52
4141955.60      102.18413  (14103118)
        578805.52   4141955.60      100.47351  (14103118)               578825.52
4141955.60       97.58244  (12121918)
        578845.52   4141955.60      103.37341  (12121918)               578865.52
4141955.60      106.37181  (12121918)
        578885.52   4141955.60      107.49600  (14121218)               578905.52
4141955.60      110.67566  (14121218)
        578925.52   4141955.60      110.86995  (14121218)               578945.52
4141955.60      108.14448  (14121218)
        578965.52   4141955.60      102.90196  (14121218)               578985.52
4141955.60       95.66331  (14121218)
        579005.52   4141955.60       88.05768  (14020618)               579025.52
4141955.60       84.87051  (14020618)
        579045.52   4141955.60       80.34053  (14020618)               579065.52
4141955.60       77.86067  (13012318)
        579085.52   4141955.60       77.51071  (13012318)               579105.52
4141955.60       76.11594  (13012318)
        579125.52   4141955.60       73.75709  (13012318)               579145.52
4141955.60       70.69025  (13012318)
        579165.52   4141955.60       67.06533  (13012318)               579185.52
4141955.60       63.08732  (13012318)
        578785.22   4141971.34       96.98104  (14103118)               578805.22
4141971.34       95.21681  (14103118)
        578825.22   4141971.34       91.89447  (12121918)               578845.22
4141971.34       97.46322  (12121918)
        578865.22   4141971.34      100.44976  (12121918)               578885.22
4141971.34      101.00810  (12121918)
        578905.22   4141971.34      104.25844  (14121218)               578925.22
4141971.34      105.05810  (14121218)
        578945.22   4141971.34      103.28939  (14121218)               578965.22
4141971.34       99.12351  (14121218)
        578985.22   4141971.34       93.00344  (14121218)               579005.22
4141971.34       85.48423  (14121218)
        579025.22   4141971.34       81.71828  (14020618)               579045.22
4141971.34       78.15050  (14020618)
        579065.22   4141971.34       73.54774  (14020618)               579085.22
4141971.34       73.47787  (13012318)
        579105.22   4141971.34       72.85119  (13012318)               579125.22
4141971.34       71.29405  (13012318)
        579145.22   4141971.34       68.94321  (13012318)               579165.22
4141971.34       66.05236  (13012318)
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        579185.22   4141971.34       62.64690  (13012318)                578790.01
4141986.40       92.21632  (14103118)
        578810.01   4141986.40       89.86012  (14103118)                578830.01
4141986.40       88.48340  (12121918)
        578850.01   4141986.40       93.22271  (12121918)                578870.01
4141986.40       95.78698  (12121918)
        578890.01   4141986.40       96.07391  (14121218)                578910.01
4141986.40       99.12707  (14121218)
        578930.01   4141986.40       99.80941  (14121218)                578950.01
4141986.40       98.20121  (14121218)
        578970.01   4141986.40       94.44332  (14121218)                578990.01
4141986.40       88.87490  (14121218)
        579010.01   4141986.40       82.00722  (14121218)                579030.01
4141986.40       78.05259  (14020618)
        579050.01   4141986.40       74.98671  (14020618)                579070.01
4141986.40       70.95406  (14020618)
        579090.01   4141986.40       69.63677  (13012318)                579110.01
4141986.40       69.41433  (13012318)
        579130.01   4141986.40       68.33165  (13012318)                579150.01
4141986.40       66.49618  (13012318)
        579170.01   4141986.40       64.10078  (13012318)                579190.01
4141986.40       61.17646  (13012318)
        578810.54   4142001.46       85.54580  (14103118)                578830.54
4142001.46       84.07792  (12121918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP23  ***
                                    INCLUDING SOURCE(S):     PAV1_0      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578850.54   4142001.46       88.55549  (12121918)                578870.54
4142001.46       91.14552  (12121918)
        578890.54   4142001.46       91.53014  (12121918)                578910.54
4142001.46       94.00197  (14121218)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578385.01	4141176.41	131.74792	(11122717)	578405.01	4141176.41	119.51788	(11122717)
578425.01	4141176.41	137.25177	(16020318)	578445.01	4141176.41	149.72035	(16020318)
578465.01	4141176.41	155.65953	(16020318)	578485.01	4141176.41	153.77304	(16020318)
578505.01	4141176.41	157.04284	(14112017)	578525.01	4141176.41	184.51795	(14112017)
578545.01	4141176.41	202.31654	(14112017)	578565.01	4141176.41	213.66628	(13111917)
578585.01	4141176.41	231.61272	(09012117)	578605.01	4141176.41	232.71362	(09012117)
578625.01	4141176.41	225.21013	(15011918)	578645.01	4141176.41	236.33248	(14121217)
578930.54	4142001.46	95.07818	(14121218)	578950.54	4142001.46	94.01202	(14121218)
578970.54	4142001.46	90.97242	(14121218)	578990.54	4142001.46	86.25579	(14121218)
579010.54	4142001.46	80.21685	(14121218)	579030.54	4142001.46	75.07718	(14020618)
579050.54	4142001.46	72.64860	(14020618)	579070.54	4142001.46	69.26183	(14020618)
579090.54	4142001.46	65.81335	(13012318)	579110.54	4142001.46	66.19890	(13012318)
579130.54	4142001.46	65.62131	(13012318)	579150.54	4142001.46	64.39739	(13012318)
579170.54	4142001.46	62.53209	(13012318)	579190.54	4142001.46	60.11610	(13012318)

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        578665.01   4141176.41      234.26973  (14121217)              578685.01
4141176.41      234.52247  (11010818)
        578705.01   4141176.41      243.76339  (14010318)              578725.01
4141176.41      245.47875  (14010318)
        578745.01   4141176.41      243.48551  (16120717)              578765.01
4141176.41      242.59306  (16120717)
        578785.01   4141176.41      244.85896  (09013118)              578805.01
4141176.41      243.42846  (10120918)
        578825.01   4141176.41      232.22576  (16112517)              578845.01
4141176.41      239.86400  (09011617)
        578865.01   4141176.41      230.91616  (13121417)              578885.01
4141176.41      231.68835  (09012317)
        578905.01   4141176.41      229.74360  (10121417)              578925.01
4141176.41      221.77059  (10121417)
        578945.01   4141176.41      214.06472  (10010418)              578965.01
4141176.41      209.98296  (13113018)
        578985.01   4141176.41      206.04825  (12111418)              579005.01
4141176.41      205.22727  (09011017)
        579025.01   4141176.41      194.48639  (10120217)              579045.01
4141176.41      189.91974  (12111417)
        579065.01   4141176.41      178.01272  (17121518)              579085.01
4141176.41      172.77575  (17121318)
        579105.01   4141176.41      162.72733  (13110618)              579125.01
4141176.41      161.04926  (13110618)
        579145.01   4141176.41      153.39033  (15011018)              579165.01
4141176.41      142.39652  (15011018)
        579185.01   4141176.41      128.28822  (15011018)              579205.01
4141176.41      113.66907  (15011018)
        579225.01   4141176.41      109.41406  (09011517)              578385.01
4141196.41      149.41820  (11122717)
        578405.01   4141196.41      140.55167  (11122717)              578425.01
4141196.41      128.08720  (16020318)
        578445.01   4141196.41      147.15129  (16020318)              578465.01
4141196.41      160.34257  (16020318)
        578485.01   4141196.41      165.40329  (16020318)              578505.01
4141196.41      161.68240  (16020318)
        578525.01   4141196.41      178.05877  (14112017)              578545.01
4141196.41      204.40344  (14112017)
        578565.01   4141196.41      218.13542  (14112017)              578585.01
4141196.41      237.11637  (09012117)
        578605.01   4141196.41      247.85597  (09012117)              578625.01
4141196.41      241.13039  (17122818)
        578645.01   4141196.41      245.16128  (14121217)              578665.01
4141196.41      251.13050  (14121217)
        578685.01   4141196.41      242.22047  (11010818)              578705.01
4141196.41      257.32140  (11010818)
        578725.01   4141196.41      261.25779  (14010318)              578745.01
4141196.41      255.98200  (16120717)
        578765.01   4141196.41      257.79878  (16120717)              578785.01
4141196.41      259.59070  (09013118)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578805.01	4141196.41	257.60607	(10120918)	578825.01	4141196.41	247.96688	(16110418)
578845.01	4141196.41	255.51734	(09011617)	578865.01	4141196.41	247.72118	(09012317)
578885.01	4141196.41	246.37829	(16010818)	578905.01	4141196.41	245.82540	(10121417)
578925.01	4141196.41	235.75991	(11112917)	578945.01	4141196.41	227.08411	(13113018)
578965.01	4141196.41	225.59727	(12111418)	578985.01	4141196.41	223.01059	(09011017)
579005.01	4141196.41	211.70635	(10120217)	579025.01	4141196.41	206.92239	(12111417)
579045.01	4141196.41	192.21807	(17121518)	579065.01	4141196.41	186.71553	(17121318)
579085.01	4141196.41	175.42199	(13110618)	579105.01	4141196.41	172.95275	(13110618)
579125.01	4141196.41	163.86023	(15011018)	579145.01	4141196.41	150.54676	(15011018)
579165.01	4141196.41	134.01643	(15011018)	579185.01	4141196.41	120.34861	(09011517)
579205.01	4141196.41	115.37273	(09011517)	579225.01	4141196.41	108.55500	(09011517)
579245.01	4141196.41	101.86769	(12120718)	578385.01	4141216.41	162.61723	(11122717)
578405.01	4141216.41	159.05214	(11122717)	578425.01	4141216.41	150.15227	(11122717)
578445.01	4141216.41	138.65108	(16020318)	578465.01	4141216.41	159.09481	(16020318)

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        578485.01   4141216.41      172.13346  (16020318)              578505.01
4141216.41      175.72036  (16020318)
        578525.01   4141216.41      169.93775  (16020318)              578545.01
4141216.41      201.10052  (14112017)
        578565.01   4141216.41      224.81292  (14112017)              578585.01
4141216.41      238.57540  (13111917)
        578605.01   4141216.41      259.46836  (09012117)              578625.01
4141216.41      260.74200  (09012117)
        578645.01   4141216.41      253.88011  (14112818)              578665.01
4141216.41      266.23076  (14121217)
        578685.01   4141216.41      257.96983  (14121217)              578705.01
4141216.41      270.91308  (11010818)
        578725.01   4141216.41      277.52321  (14010318)              578745.01
4141216.41      269.43507  (16120717)
        578765.01   4141216.41      274.32880  (16120717)              578785.01
4141216.41      275.99976  (09013118)
        578805.01   4141216.41      273.24429  (10120918)              578825.01
4141216.41      265.73635  (16110418)
        578845.01   4141216.41      271.68557  (09011617)              578925.01
4141216.41      246.93596  (10010418)
        578945.01   4141216.41      243.37231  (12111418)              578965.01
4141216.41      240.44640  (09011017)
        578985.01   4141216.41      231.83157  (09011017)              579005.01
4141216.41      225.92197  (12111417)
        579025.01   4141216.41      208.37508  (17121518)              579045.01
4141216.41      202.80902  (17121318)
        579065.01   4141216.41      190.09949  (13110618)              579085.01
4141216.41      186.72329  (13110618)
        579105.01   4141216.41      175.74873  (15011018)              579125.01
4141216.41      159.49288  (15011018)
        579145.01   4141216.41      139.97662  (15011018)              579165.01
4141216.41      128.34240  (09011517)
        579185.01   4141216.41      121.55204  (09011517)              579205.01
4141216.41      113.09144  (09011517)
        579225.01   4141216.41      108.25542  (12120718)              579245.01
4141216.41      106.68848  (17122918)
        578385.01   4141236.41      173.29314  (12010309)              578405.01
4141236.41      173.31229  (11122717)
        578425.01   4141236.41      170.09837  (11122717)              578445.01
4141236.41      161.05982  (11122717)
        578465.01   4141236.41      151.00742  (16020318)              578485.01
4141236.41      172.45520  (16020318)
        578505.01   4141236.41      185.18944  (16020318)              578525.01
4141236.41      187.15763  (16020318)
        578545.01   4141236.41      191.71450  (14112017)              578565.01
4141236.41      225.78883  (14112017)
        578585.01   4141236.41      245.21651  (14112017)              578605.01
4141236.41      266.61153  (09012117)
        578625.01   4141236.41      279.09717  (09012117)              578645.01
4141236.41      271.49949  (17122818)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578665.01	4141236.41	279.43386	(14121217)	578685.01	4141236.41	279.95339	(14121217)
578705.01	4141236.41	284.28124	(11010818)	578725.01	4141236.41	294.25643	(14010318)
578745.01	4141236.41	285.70752	(14010318)	578765.01	4141236.41	292.37332	(16120717)
578785.01	4141236.41	294.25648	(09013118)	578805.01	4141236.41	290.68394	(10120918)
578825.01	4141236.41	286.58428	(09011617)	578945.01	4141236.41	261.58333	(12111418)
578965.01	4141236.41	258.23193	(09011017)	578985.01	4141236.41	246.99738	(12111417)
579005.01	4141236.41	230.68446	(12111417)	579025.01	4141236.41	221.72451	(17121318)
579045.01	4141236.41	207.14270	(13110618)	579065.01	4141236.41	202.58940	(13110618)
579085.01	4141236.41	189.36941	(15011018)	579105.01	4141236.41	169.33580	(15011018)
579125.01	4141236.41	146.30947	(15011018)	579145.01	4141236.41	136.89913	(09011517)
579165.01	4141236.41	127.93065	(09011517)	579185.01	4141236.41	119.07318	(12120718)
579205.01	4141236.41	116.48867	(17122918)	579225.01	4141236.41	113.82727	(17122918)
579245.01	4141236.41	109.52356	(17122918)	578385.01	4141256.41	183.50512	(12010309)
578405.01	4141256.41	185.37733	(12010309)	578425.01	4141256.41	185.26571	(11122717)

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        578445.01   4141256.41      182.51739  (11122717)              578465.01
4141256.41      173.17305  (11122717)
        578485.01   4141256.41      165.08937  (16020318)              578505.01
4141256.41      187.69134  (16020318)
        578525.01   4141256.41      199.43634  (16020318)              578545.01
4141256.41      198.82280  (16020318)
        578565.01   4141256.41      220.08303  (14112017)              578585.01
4141256.41      251.76322  (14112017)
        578605.01   4141256.41      268.89027  (13111917)              578625.01
4141256.41      293.61951  (09012117)
        578645.01   4141256.41      294.93037  (09012117)              578665.01
4141256.41      290.48088  (14121217)
        578685.01   4141256.41      300.45157  (14121217)              578705.01
4141256.41      297.33872  (11010818)
        578725.01   4141256.41      311.37330  (14010318)              578745.01
4141256.41      309.37367  (14010318)
        578765.01   4141256.41      312.26201  (16120717)              578785.01
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        578805.01   4141256.41      310.36251  (10120918)              578965.01
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        578985.01   4141256.41      258.11857  (12111417)              579005.01
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        579025.01   4141256.41      227.37446  (13110618)              579045.01
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        579185.01   4141256.41      125.53658  (17122918)              579205.01
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4141276.41      214.73539  (16020318)
        578565.01   4141276.41      211.22630  (16020318)              578585.01
4141276.41      251.29710  (14112017)
        578605.01   4141276.41      278.04088  (14112017)              578625.01
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4141276.41      308.22786  (17122818)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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578765.01	4141276.41	334.29738	(16120717)	578785.01	4141276.41	337.91624	(09013118)
578985.01	4141276.41	270.71509	(17121318)	579005.01	4141276.41	251.57429	(13110618)
579025.01	4141276.41	243.55170	(13110618)	579045.01	4141276.41	222.98162	(15011018)
579065.01	4141276.41	192.35150	(15011018)	579085.01	4141276.41	168.06897	(09011517)
579105.01	4141276.41	155.78710	(09011517)	579125.01	4141276.41	143.22836	(12120718)
579145.01	4141276.41	139.72234	(17122918)	579165.01	4141276.41	134.62198	(17122918)
579185.01	4141276.41	129.96423	(14011818)	579205.01	4141276.41	126.72469	(14011818)
579225.01	4141276.41	121.90096	(14011818)	579245.01	4141276.41	116.09551	(14011818)
579265.01	4141276.41	110.75429	(17120218)	578385.01	4141296.41	171.87465	(12010309)
578405.01	4141296.41	193.78144	(12010309)	578425.01	4141296.41	208.21709	(12010309)
578445.01	4141296.41	214.18410	(12010309)	578465.01	4141296.41	213.68411	(11122717)
578485.01	4141296.41	212.15971	(11122717)	578505.01	4141296.41	201.96510	(11122717)

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        578645.01   4141296.41      336.39034  (09012117)              578665.01
4141296.41      337.34557  (09012117)
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4141336.41      326.99795  (14112017)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 987
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP24  ***
                                    INCLUDING SOURCE(S):     PAV1_0D     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 988
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP24  ***
                                    INCLUDING SOURCE(S):     PAV1_0D     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        579245.01   4141456.41      126.61551  (10122318)               579265.01
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***        15:03:32

                                      PAGE 990
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP24  ***
                                      INCLUDING SOURCE(S):     PAV1_0D     ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
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                                    PAGE 991
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP24  ***
                                    INCLUDING SOURCE(S):     PAV1_0D     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 992
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP24  ***
                                    INCLUDING SOURCE(S):     PAV1_0D     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 993
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP24  ***
                                   INCLUDING SOURCE(S):     PAV1_0D     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579165.01	4141676.41	151.56561	(17010418)	579185.01	4141676.41	144.22597	(17010418)
579205.01	4141676.41	137.58699	(17010418)	579225.01	4141676.41	131.36560	(17010418)
579245.01	4141676.41	125.51263	(17010418)	579265.01	4141676.41	119.98539	(16011318)
579285.01	4141676.41	116.02246	(16011318)	579305.01	4141676.41	112.27801	(16011318)
579325.01	4141676.41	108.73929	(16011318)	579345.01	4141676.41	105.35940	(16011318)
578385.01	4141696.41	179.37527	(16120718)	578405.01	4141696.41	182.11019	(16120718)
578425.01	4141696.41	194.99649	(09122918)	578445.01	4141696.41	207.97164	(10122417)
578465.01	4141696.41	218.08544	(10122417)	578485.01	4141696.41	251.60616	(12111618)
578505.01	4141696.41	279.28672	(12111618)	578525.01	4141696.41	301.14779	(09121117)
578565.01	4141696.41	346.22642	(12010318)	578585.01	4141696.41	381.93271	(11112818)
578605.01	4141696.41	426.59262	(09010809)	578625.01	4141696.41	439.22646	(09010809)
578645.01	4141696.41	428.60137	(16121017)	578665.01	4141696.41	481.58471	(12112718)
578685.01	4141696.41	489.17560	(09112618)	578945.01	4141696.41	548.18556	(17112518)
578965.01	4141696.41	428.50250	(17112518)	578985.01	4141696.41	357.82687	(09012218)
579005.01	4141696.41	315.74134	(09012218)	579025.01	4141696.41	280.20036	(09012218)
579045.01	4141696.41	250.74176	(09012218)	579065.01	4141696.41	226.49375	(09012218)
579085.01	4141696.41	206.45441	(09012218)	579105.01	4141696.41	189.72083	(09012218)
579125.01	4141696.41	175.45129	(09012218)	579145.01	4141696.41	162.95379	(09012218)
579165.01	4141696.41	152.92160	(17010418)	579185.01	4141696.41	145.84363	(17010418)
579205.01	4141696.41	139.46242	(17010418)	579225.01	4141696.41	133.57521	(17010418)
579245.01	4141696.41	128.08579	(17010418)	579265.01	4141696.41	122.91542	(17010418)
579285.01	4141696.41	118.01015	(17010418)	579305.01	4141696.41	113.32393	(17010418)

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        579325.01   4141696.41      108.77893  (17010418)                579345.01
4141696.41      104.35879  (17010418)
        578385.01   4141716.41      171.19089  (09122918)                578405.01
4141716.41      180.53890  (10122417)
        578425.01   4141716.41      190.11992  (10122417)                578445.01
4141716.41      207.92926  (12111618)
        578465.01   4141716.41      235.22222  (12111618)                578485.01
4141716.41      249.95466  (12111618)
        578505.01   4141716.41      275.04343  (09121117)                578525.01
4141716.41      297.41581  (12010318)
        578605.01   4141716.41      389.17565  (09010809)                578625.01
4141716.41      382.65997  (16121017)
        578645.01   4141716.41      411.59165  (12112718)                578665.01
4141716.41      427.40970  (09112618)
        578685.01   4141716.41      414.72055  (09112618)                578905.01
4141716.41      731.22089  (13012318)
        578925.01   4141716.41      541.48224  (16112618)                578945.01
4141716.41      524.31585  (11121618)
        578965.01   4141716.41      443.99341  (11121618)                578985.01
4141716.41      385.84733  (17112518)
        579005.01   4141716.41      328.01013  (17112518)                579025.01
4141716.41      282.62872  (15110918)
        579045.01   4141716.41      251.74496  (09012218)                579065.01
4141716.41      233.53716  (09012218)
        579085.01   4141716.41      216.30676  (09012218)                579105.01
4141716.41      200.55896  (09012218)
        579125.01   4141716.41      186.45650  (09012218)                579145.01
4141716.41      173.80940  (09012218)
        579165.01   4141716.41      162.39898  (09012218)                579185.01
4141716.41      151.97885  (09012218)
        579205.01   4141716.41      142.37570  (09012218)                579225.01
4141716.41      133.36301  (09012218)
        579245.01   4141716.41      126.86339  (16112518)                579265.01
4141716.41      121.74837  (17010418)
        579285.01   4141716.41      117.62893  (17010418)                579305.01
4141716.41      113.63733  (17010418)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                   PAGE 994
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP24  ***
                                   INCLUDING SOURCE(S):     PAV1_0D     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579325.01	4141716.41	109.76812	(17010418)	579345.01	4141716.41	105.98649	(17010418)
578385.01	4141736.41	167.77040	(10122417)	578405.01	4141736.41	173.85171	(12111618)
578425.01	4141736.41	199.46519	(12111618)	578445.01	4141736.41	217.08952	(12111618)
578465.01	4141736.41	224.21464	(09121117)	578485.01	4141736.41	250.79810	(09121117)
578505.01	4141736.41	266.56035	(12010318)	578625.01	4141736.41	343.93773	(12112718)
578645.01	4141736.41	379.22109	(12112718)	578665.01	4141736.41	387.83708	(09112618)
578865.01	4141736.41	581.02643	(14121218)	578885.01	4141736.41	617.89240	(14121218)
578905.01	4141736.41	544.85455	(14020618)	578925.01	4141736.41	531.95821	(13012318)
578945.01	4141736.41	418.58055	(13012318)	578965.01	4141736.41	398.88550	(11121618)
578985.01	4141736.41	374.06685	(11121618)	579005.01	4141736.41	328.95144	(17112518)
579025.01	4141736.41	299.12801	(17112518)	579045.01	4141736.41	265.85698	(17112518)
579065.01	4141736.41	235.06582	(15110918)	579085.01	4141736.41	213.34836	(15110918)
579105.01	4141736.41	196.02673	(09012218)	579125.01	4141736.41	186.48832	(09012218)
579145.01	4141736.41	176.78478	(09012218)	579165.01	4141736.41	167.23565	(09012218)
579185.01	4141736.41	158.04014	(09012218)	579205.01	4141736.41	149.32703	(09012218)
579225.01	4141736.41	140.99711	(09012218)	579245.01	4141736.41	133.05042	(09012218)
579265.01	4141736.41	125.36709	(09012218)	579285.01	4141736.41	117.97284	(09012218)
579305.01	4141736.41	112.62620	(16112518)	579325.01	4141736.41	108.18256	(16112518)
579345.01	4141736.41	103.81198	(17010418)	578385.01	4141756.41	170.21677	(12111618)
578405.01	4141756.41	188.57441	(12111618)	578425.01	4141756.41	198.83774	(12111618)
578445.01	4141756.41	210.76001	(09121117)	578465.01	4141756.41	229.03474	(09121117)

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        578485.01   4141756.41      240.13974  (12010318)               578845.01
4141756.41      387.82376  (14121218)
        578865.01   4141756.41      474.74837  (14121218)               578885.01
4141756.41      517.71733  (14121218)
        578905.01   4141756.41      474.17720  (14020618)               578925.01
4141756.41      429.49969  (13012318)
        578945.01   4141756.41      419.28195  (13012318)               578965.01
4141756.41      342.99894  (13012318)
        578985.01   4141756.41      311.08054  (11121618)               579005.01
4141756.41      312.42173  (11121618)
        579025.01   4141756.41      290.88930  (11121618)               579045.01
4141756.41      263.29706  (17112518)
        579065.01   4141756.41      245.03530  (17112518)               579085.01
4141756.41      223.64261  (17112518)
        579105.01   4141756.41      202.07164  (17112518)               579125.01
4141756.41      186.13284  (15110918)
        579145.01   4141756.41      171.86542  (15110918)               579165.01
4141756.41      161.60947  (09012218)
        579185.01   4141756.41      155.85560  (09012218)               579205.01
4141756.41      149.69232  (09012218)
        579225.01   4141756.41      143.27940  (09012218)               579245.01
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        579265.01   4141756.41      130.29717  (09012218)               579285.01
4141756.41      123.86799  (09012218)
        579305.01   4141756.41      117.49277  (09012218)               579325.01
4141756.41      111.18725  (09012218)
        579345.01   4141756.41      104.99658  (09012218)               578385.01
4141776.41      176.51946  (12111618)
        578405.01   4141776.41      181.37559  (12111618)               578425.01
4141776.41      197.40587  (09121117)
        578445.01   4141776.41      210.16429  (12010318)               578465.01
4141776.41      217.59473  (12010318)
        578485.01   4141776.41      214.60798  (11112818)               578825.01
4141776.41      304.92736  (12121918)
        578845.01   4141776.41      344.23137  (12121918)               578865.01
4141776.41      402.98016  (14121218)
        578885.01   4141776.41      444.46196  (14121218)               578905.01
4141776.41      397.92796  (14020618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                    PAGE 995
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP24  ***
                                    INCLUDING SOURCE(S):     PAV1_0D     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578925.01	4141776.41	378.70130	(14020618)	578945.01	4141776.41	361.73588	(13012318)
578965.01	4141776.41	346.27124	(13012318)	578985.01	4141776.41	290.91188	(13012318)
579005.01	4141776.41	257.55577	(16112618)	579025.01	4141776.41	261.47917	(11121618)
579045.01	4141776.41	255.48479	(11121618)	579065.01	4141776.41	237.93481	(11121618)
579085.01	4141776.41	220.17160	(17112518)	579105.01	4141776.41	207.83910	(17112518)
579125.01	4141776.41	192.96645	(17112518)	579145.01	4141776.41	177.24723	(17112518)
579165.01	4141776.41	164.52623	(15110918)	579185.01	4141776.41	153.92334	(15110918)
579205.01	4141776.41	143.31289	(15110918)	579225.01	4141776.41	137.95770	(09012218)
579245.01	4141776.41	134.10139	(09012218)	579265.01	4141776.41	129.78307	(09012218)
579285.01	4141776.41	125.08367	(09012218)	579305.01	4141776.41	120.16443	(09012218)
579325.01	4141776.41	115.03362	(09012218)	579345.01	4141776.41	109.82457	(09012218)
578405.01	4141796.41	184.58796	(09121117)	578425.01	4141796.41	194.45149	(12010318)
578445.01	4141796.41	198.27580	(12010318)	578465.01	4141796.41	197.73844	(11112818)
578805.01	4141796.41	251.18875	(14103118)	578825.01	4141796.41	276.67726	(12121918)
578845.01	4141796.41	310.52415	(12121918)	578865.01	4141796.41	349.64264	(14121218)
578885.01	4141796.41	388.49745	(14121218)	578905.01	4141796.41	365.70087	(14121218)
578925.01	4141796.41	345.62297	(14020618)	578945.01	4141796.41	302.18167	(14020618)
578965.01	4141796.41	310.98952	(13012318)	578985.01	4141796.41	294.79376	(13012318)
579005.01	4141796.41	252.32683	(13012318)	579025.01	4141796.41	219.99329	(16112618)
579045.01	4141796.41	220.14159	(11121618)	579065.01	4141796.41	223.29326	(11121618)

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        579085.01   4141796.41      215.47213  (11121618)               579105.01
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        579125.01   4141796.41      189.59856  (17112518)               579145.01
4141796.41      180.67986  (17112518)
        579165.01   4141796.41      169.53557  (17112518)               579185.01
4141796.41      157.36388  (17112518)
        579205.01   4141796.41      147.00138  (15110918)               579225.01
4141796.41      138.90877  (15110918)
        579245.01   4141796.41      130.49191  (15110918)               579265.01
4141796.41      122.63101  (09012218)
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4141796.41      117.69798  (09012218)
        579325.01   4141796.41      114.38702  (09012218)               579345.01
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        578445.01   4141816.41      183.14554  (11112818)               578585.01
4141816.41      251.23342  (12112718)
        578605.01   4141816.41      259.21374  (12112718)               578665.01
4141816.41      225.81681  (14120418)
        578685.01   4141816.41      212.25186  (11112817)               578785.01
4141816.41      234.99316  (14103118)
        578805.01   4141816.41      234.67868  (14103118)               578825.01
4141816.41      251.72627  (12121918)
        578845.01   4141816.41      282.49695  (12121918)               578865.01
4141816.41      306.87627  (14121218)
        578885.01   4141816.41      343.80380  (14121218)               578905.01
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        578925.01   4141816.41      305.31830  (14020618)               578945.01
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        578965.01   4141816.41      257.14342  (13012318)               578985.01
4141816.41      271.78041  (13012318)
        579005.01   4141816.41      256.44744  (13012318)               579025.01
4141816.41      222.51087  (13012318)
        579045.01   4141816.41      190.56543  (16112618)               579065.01
4141816.41      190.60804  (16112618)
        579085.01   4141816.41      194.99638  (11121618)               579105.01
4141816.41      193.81083  (11121618)
        579125.01   4141816.41      185.86638  (11121618)               579145.01
4141816.41      173.71315  (11121618)
        579165.01   4141816.41      166.56331  (17112518)               579185.01
4141816.41      159.66874  (17112518)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                   PAGE 996
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SRCGP24  ***
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INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579205.01	4141816.41	150.95913	(17112518)	579225.01	4141816.41	141.19929	(17112518)
579245.01	4141816.41	132.53994	(15110918)	579265.01	4141816.41	126.22950	(15110918)
579285.01	4141816.41	119.34821	(15110918)	579305.01	4141816.41	112.14690	(15110918)
579325.01	4141816.41	108.61274	(09012218)	579345.01	4141816.41	106.92090	(09012218)
578565.01	4141836.41	220.63777	(12112718)	578585.01	4141836.41	240.69942	(12112718)
578605.01	4141836.41	244.58415	(09112618)	578625.01	4141836.41	245.00555	(09112618)
578645.01	4141836.41	227.64669	(14120418)	578665.01	4141836.41	195.29049	(14120418)
578685.01	4141836.41	196.59986	(11112817)	578705.01	4141836.41	187.87443	(14010809)
578725.01	4141836.41	188.85055	(14103118)	578765.01	4141836.41	220.35864	(14103118)
578785.01	4141836.41	221.29551	(14103118)	578805.01	4141836.41	219.48151	(14103118)
578825.01	4141836.41	229.44124	(12121918)	578845.01	4141836.41	258.40297	(12121918)
578865.01	4141836.41	276.82777	(12121918)	578885.01	4141836.41	306.72099	(14121218)
578905.01	4141836.41	312.40147	(14121218)	578925.01	4141836.41	274.55463	(14121218)
578945.01	4141836.41	272.63371	(14020618)	578965.01	4141836.41	246.66283	(14020618)
578985.01	4141836.41	232.87370	(13012318)	579005.01	4141836.41	240.78350	(13012318)
579025.01	4141836.41	226.61779	(13012318)	579045.01	4141836.41	198.72581	(13012318)
579065.01	4141836.41	167.02183	(16112618)	579085.01	4141836.41	170.06851	(16112618)
579105.01	4141836.41	170.64433	(11121618)	579125.01	4141836.41	173.78166	(11121618)
579145.01	4141836.41	170.57593	(11121618)	579165.01	4141836.41	162.89144	(11121618)

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        579185.01   4141836.41      152.37288  (11121618)                579205.01
4141836.41      148.53844  (17112518)
        579225.01   4141836.41      142.94147  (17112518)                579245.01
4141836.41      135.83142  (17112518)
        579265.01   4141836.41      127.72006  (17112518)                579285.01
4141836.41      120.40959  (15110918)
        579305.01   4141836.41      115.33761  (15110918)                579325.01
4141836.41      109.65018  (15110918)
        579345.01   4141836.41      103.53608  (15110918)                578565.01
4141856.41      219.34865  (12112718)
        578585.01   4141856.41      221.96016  (12112718)                578605.01
4141856.41      231.88624  (09112618)
        578625.01   4141856.41      222.19705  (16120918)                578645.01
4141856.41      203.21088  (14120418)
        578665.01   4141856.41      182.40969  (11112817)                578685.01
4141856.41      182.65438  (11112817)
        578705.01   4141856.41      175.24115  (14010809)                578725.01
4141856.41      178.46459  (14103118)
        578745.01   4141856.41      198.84688  (14103118)                578765.01
4141856.41      207.58848  (14103118)
        578785.01   4141856.41      208.77398  (14103118)                578805.01
4141856.41      205.50208  (14103118)
        578825.01   4141856.41      209.41423  (12121918)                578845.01
4141856.41      237.24755  (12121918)
        578865.01   4141856.41      254.49691  (12121918)                578885.01
4141856.41      274.89721  (14121218)
        578905.01   4141856.41      287.31408  (14121218)                578925.01
4141856.41      265.52785  (14121218)
        578945.01   4141856.41      246.74489  (14020618)                578965.01
4141856.41      239.09498  (14020618)
        578985.01   4141856.41      207.64668  (14020618)                579005.01
4141856.41      211.84028  (13012318)
        579025.01   4141856.41      215.63665  (13012318)                579045.01
4141856.41      202.71201  (13012318)
        579065.01   4141856.41      179.18671  (13012318)                579085.01
4141856.41      151.26834  (13012318)
        579105.01   4141856.41      152.62567  (16112618)                579125.01
4141856.41      150.94492  (16112618)
        579145.01   4141856.41      155.58477  (11121618)                579165.01
4141856.41      155.82179  (11121618)
        579185.01   4141856.41      151.73410  (11121618)                579205.01
4141856.41      144.48625  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** AERMET - VERSION  18081 ***   *** Construction HRA
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579225.01	4141856.41	136.77574	(17112518)	579245.01	4141856.41	133.95976	(17112518)
579265.01	4141856.41	129.25666	(17112518)	579285.01	4141856.41	123.15915	(17112518)
579305.01	4141856.41	116.21198	(17112518)	579325.01	4141856.41	110.10150	(15110918)
579345.01	4141856.41	105.93397	(15110918)	578545.01	4141876.41	196.84084	(12112718)
578565.01	4141876.41	209.21104	(12112718)	578585.01	4141876.41	212.37808	(09112618)
578605.01	4141876.41	214.26604	(09112618)	578625.01	4141876.41	201.69046	(16120918)
578645.01	4141876.41	180.05484	(14120418)	578665.01	4141876.41	172.38336	(11112817)
578685.01	4141876.41	170.32051	(11112817)	578705.01	4141876.41	164.17256	(14010809)
578725.01	4141876.41	169.27364	(14103118)	578745.01	4141876.41	187.77419	(14103118)
578765.01	4141876.41	196.18861	(14103118)	578785.01	4141876.41	197.22474	(14103118)
578805.01	4141876.41	192.63855	(14103118)	578825.01	4141876.41	191.39163	(12121918)
578845.01	4141876.41	218.37219	(12121918)	578865.01	4141876.41	235.23907	(12121918)
578885.01	4141876.41	247.02319	(14121218)	578905.01	4141876.41	263.89162	(14121218)
578925.01	4141876.41	253.62906	(14121218)	578945.01	4141876.41	219.16980	(14020618)
578965.01	4141876.41	224.63980	(14020618)	578985.01	4141876.41	207.94369	(14020618)
579005.01	4141876.41	177.28318	(13012318)	579025.01	4141876.41	193.67622	(13012318)
579045.01	4141876.41	194.87769	(13012318)	579065.01	4141876.41	183.07423	(13012318)
579085.01	4141876.41	162.83717	(13012318)	579105.01	4141876.41	138.88507	(13012318)

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        579125.01   4141876.41      137.71415  (16112618)                579145.01
4141876.41      138.03134  (16112618)
        579165.01   4141876.41      139.29584  (11121618)                579185.01
4141876.41      142.02417  (11121618)
        579205.01   4141876.41      140.67640  (11121618)                579225.01
4141876.41      136.12609  (11121618)
        579245.01   4141876.41      129.25822  (11121618)                579265.01
4141876.41      124.42223  (17112518)
        579285.01   4141876.41      121.79958  (17112518)                579305.01
4141876.41      117.70376  (17112518)
        579325.01   4141876.41      112.48731  (17112518)                579345.01
4141876.41      106.41132  (17112518)
        578545.01   4141896.41      193.71564  (12112718)                578565.01
4141896.41      193.53276  (12112718)
        578585.01   4141896.41      203.16266  (09112618)                578605.01
4141896.41      196.10392  (16120918)
        578625.01   4141896.41      183.69219  (14120418)                578645.01
4141896.41      159.58253  (14120418)
        578665.01   4141896.41      162.86987  (11112817)                578685.01
4141896.41      159.38655  (11112817)
        578705.01   4141896.41      154.38106  (14010809)                578725.01
4141896.41      161.07543  (14103118)
        578745.01   4141896.41      177.94401  (14103118)                578765.01
4141896.41      185.87133  (14103118)
        578785.01   4141896.41      186.53780  (14103118)                578805.01
4141896.41      180.81235  (14103118)
        578825.01   4141896.41      175.12503  (12121918)                578845.01
4141896.41      201.37742  (12121918)
        578865.01   4141896.41      218.16301  (12121918)                578885.01
4141896.41      222.25564  (14121218)
        578905.01   4141896.41      242.08979  (14121218)                578925.01
4141896.41      240.20972  (14121218)
        578945.01   4141896.41      213.94413  (14121218)                578965.01
4141896.41      206.14903  (14020618)
        578985.01   4141896.41      201.52571  (14020618)                579005.01
4141896.41      180.25850  (14020618)
        579025.01   4141896.41      166.07899  (13012318)                579045.01
4141896.41      177.93683  (13012318)
        579065.01   4141896.41      177.48192  (13012318)                579085.01
4141896.41      166.63830  (13012318)
        579105.01   4141896.41      149.02786  (13012318)                579125.01
4141896.41      128.14975  (13012318)
        579145.01   4141896.41      124.84921  (16112618)                579165.01
4141896.41      126.56376  (16112618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141896.41	124.87886	(11121618)	579205.01	4141896.41	129.29136	(11121618)
579225.01	4141896.41	130.00051	(11121618)	579245.01	4141896.41	127.64466	(11121618)
579265.01	4141896.41	122.92641	(11121618)	579285.01	4141896.41	116.40341	(11121618)
579305.01	4141896.41	113.94172	(17112518)	579325.01	4141896.41	111.56455	(17112518)
579345.01	4141896.41	107.89206	(17112518)	578565.01	4141916.41	187.24501	(09112618)
578585.01	4141916.41	190.04961	(09112618)	578605.01	4141916.41	181.20063	(16120918)
578625.01	4141916.41	166.12786	(14120418)	578645.01	4141916.41	150.84132	(11112817)
578665.01	4141916.41	153.98282	(11112817)	578685.01	4141916.41	149.62521	(11112817)
578705.01	4141916.41	145.64520	(14010809)	578725.01	4141916.41	153.70790	(14103118)
578745.01	4141916.41	169.12216	(14103118)	578765.01	4141916.41	176.44159	(14103118)
578785.01	4141916.41	176.61169	(14103118)	578805.01	4141916.41	169.93248	(14103118)
578825.01	4141916.41	161.06618	(11110318)	578845.01	4141916.41	185.98214	(12121918)
578865.01	4141916.41	202.83042	(12121918)	578885.01	4141916.41	205.99738	(12121918)
578905.01	4141916.41	221.79070	(14121218)	578925.01	4141916.41	226.02634	(14121218)
578945.01	4141916.41	209.25176	(14121218)	578965.01	4141916.41	185.86495	(14020618)
578985.01	4141916.41	190.36998	(14020618)	579005.01	4141916.41	179.23388	(14020618)
579025.01	4141916.41	156.20506	(14020618)	579045.01	4141916.41	155.68475	(13012318)

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        579065.01   4141916.41      164.22611  (13012318)                579085.01
4141916.41      162.66167  (13012318)
        579105.01   4141916.41      152.71804  (13012318)                579125.01
4141916.41      137.10200  (13012318)
        579145.01   4141916.41      118.75354  (13012318)                579165.01
4141916.41      113.71151  (16112618)
        579185.01   4141916.41      116.41219  (16112618)                578386.27
4141125.26      124.45319  (16020318)
        578406.27   4141125.26      133.20453  (16020318)                578426.27
4141125.26      137.23654  (16020318)
        578446.27   4141125.26      134.44874  (16020318)                578466.27
4141125.26      129.23552  (14112017)
        578486.27   4141125.26      153.52034  (14112017)                578506.27
4141125.26      171.45581  (14112017)
        578526.27   4141125.26      180.06334  (13111917)                578546.27
4141125.26      194.15605  (09012117)
        578566.27   4141125.26      204.47745  (09012117)                578586.27
4141125.26      200.23818  (09012117)
        578606.27   4141125.26      197.73799  (15011918)                578626.27
4141125.26      207.37990  (14121217)
        578646.27   4141125.26      205.45719  (14121217)                578666.27
4141125.26      199.40594  (11010818)
        578686.27   4141125.26      212.45597  (11010818)                578706.27
4141125.26      216.34785  (14010318)
        578726.27   4141125.26      206.38538  (14010318)                578746.27
4141125.26      215.05790  (16120717)
        578766.27   4141125.26      210.02306  (10010917)                578786.27
4141125.26      213.89205  (14122017)
        578806.27   4141125.26      212.70787  (10120918)                578826.27
4141125.26      204.34356  (13121418)
        578846.27   4141125.26      204.59449  (16110418)                578866.27
4141125.26      205.85691  (09011617)
        578886.27   4141125.26      200.51710  (09012317)                578906.27
4141125.26      198.12059  (16010818)
        578926.27   4141125.26      196.93629  (10121417)                578946.27
4141125.26      190.48117  (10121417)
        578966.27   4141125.26      184.24808  (11112917)                578986.27
4141125.26      179.89255  (13113018)
        579006.27   4141125.26      178.51446  (12111418)                579026.27
4141125.26      175.54753  (09011017)
        579046.27   4141125.26      170.98121  (09011017)                579066.27
4141125.26      164.38146  (12111417)
        579086.27   4141125.26      160.61637  (12111417)                579106.27
4141125.26      150.72686  (17121518)
        579126.27   4141125.26      147.98960  (17121318)                579146.27
4141125.26      140.09270  (17121318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579166.27	4141125.26	137.65652	(13110618)	579186.27	4141125.26	133.97008	(13110618)
579206.27	4141125.26	128.43577	(15011018)	578386.27	4141145.26	117.86721	(16020318)
578406.27	4141145.26	132.17832	(16020318)	578426.27	4141145.26	140.48210	(16020318)
578446.27	4141145.26	143.97391	(16020318)	578466.27	4141145.26	139.63781	(16020318)
578486.27	4141145.26	145.90222	(14112017)	578506.27	4141145.26	169.94911	(14112017)
578526.27	4141145.26	185.60256	(14112017)	578546.27	4141145.26	195.60118	(13111917)
578566.27	4141145.26	211.54403	(09012117)	578586.27	4141145.26	214.90656	(09012117)
578606.27	4141145.26	208.85462	(17122818)	578626.27	4141145.26	214.29792	(14121217)
578646.27	4141145.26	218.98158	(14121217)	578666.27	4141145.26	205.10798	(14121217)
578686.27	4141145.26	221.79869	(11010818)	578706.27	4141145.26	227.26586	(14010318)
578726.27	4141145.26	220.89617	(14010318)	578746.27	4141145.26	225.85703	(16120717)
578766.27	4141145.26	221.54344	(15010818)	578786.27	4141145.26	225.16228	(14122017)
578806.27	4141145.26	223.78104	(10120918)	578826.27	4141145.26	213.56201	(13121418)
578846.27	4141145.26	217.16265	(09011617)	578866.27	4141145.26	215.13026	(09011617)
578886.27	4141145.26	213.29123	(09012317)	578906.27	4141145.26	208.97073	(16010818)
578926.27	4141145.26	208.52014	(10121417)	578946.27	4141145.26	200.05666	(11112917)

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        578966.27   4141145.26      192.17422  (10010418)                578986.27
4141145.26      189.50199  (12111418)
        579006.27   4141145.26      184.80708  (12111418)                579026.27
4141145.26      185.10159  (09011017)
        579046.27   4141145.26      176.08973  (10120217)                579066.27
4141145.26      172.79118  (12111417)
        579086.27   4141145.26      160.75467  (17121518)                579106.27
4141145.26      157.93329  (17121318)
        579126.27   4141145.26      149.47870  (17121318)                579146.27
4141145.26      146.71029  (13110618)
        579166.27   4141145.26      142.06113  (13110618)                579186.27
4141145.26      135.59100  (15011018)
        579206.27   4141145.26      125.75980  (15011018)                578723.62
4141929.59      147.94629  (14103118)
        578743.62   4141929.59      163.01353  (14103118)                578763.62
4141929.59      170.39126  (14103118)
        578783.62   4141929.59      170.69217  (14103118)                578803.62
4141929.59      164.01915  (14103118)
        578823.62   4141929.59      155.22899  (11110318)                578843.62
4141929.59      175.04910  (12121918)
        578863.62   4141929.59      192.69426  (12121918)                578883.62
4141929.59      198.06655  (12121918)
        578903.62   4141929.59      208.06888  (14121218)                578923.62
4141929.59      216.64073  (14121218)
        578943.62   4141929.59      206.33900  (14121218)                578963.62
4141929.59      178.55207  (14121218)
        578983.62   4141929.59      181.12760  (14020618)                579003.62
4141929.59      176.75125  (14020618)
        579023.62   4141929.59      159.86822  (14020618)                579043.62
4141929.59      138.51736  (13012318)
        579063.62   4141929.59      152.02730  (13012318)                579083.62
4141929.59      156.41970  (13012318)
        579103.62   4141929.59      152.09760  (13012318)                579123.62
4141929.59      141.01368  (13012318)
        579143.62   4141929.59      125.61560  (13012318)                579163.62
4141929.59      108.34350  (13012318)
        579183.62   4141929.59      108.38652  (16112618)                578725.67
4141942.60      145.66244  (14103118)
        578745.67   4141942.60      159.11395  (14103118)                578765.67
4141942.60      165.28858  (14103118)
        578785.67   4141942.60      164.50557  (14103118)                578805.67
4141942.60      156.70033  (14103118)
        578825.67   4141942.60      149.79158  (11110318)                578845.67
4141942.60      168.54502  (12121918)
        578865.67   4141942.60      185.24189  (12121918)                578885.67
4141942.60      190.16739  (12121918)
        578905.67   4141942.60      197.92914  (14121218)                578925.67
4141942.60      207.26714  (14121218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578945.67	4141942.60	199.42575	(14121218)	578965.67	4141942.60	175.24815	(14121218)
578985.67	4141942.60	171.66032	(14020618)	579005.67	4141942.60	170.85388	(14020618)
579025.67	4141942.60	157.97879	(14020618)	579045.67	4141942.60	136.50773	(14020618)
579065.67	4141942.60	140.24566	(13012318)	579085.67	4141942.60	148.08048	(13012318)
579105.67	4141942.60	147.68145	(13012318)	579125.67	4141942.60	140.27239	(13012318)
579145.67	4141942.60	127.81881	(13012318)	579165.67	4141942.60	112.50230	(13012318)
579185.67	4141942.60	99.73615	(16112618)	578745.52	4141955.60	154.32888	(14103118)
578765.52	4141955.60	160.08482	(14103118)	578785.52	4141955.60	158.99273	(14103118)
578805.52	4141955.60	150.91305	(14103118)	578825.52	4141955.60	144.69141	(11110318)
578845.52	4141955.60	160.16034	(12121918)	578865.52	4141955.60	176.94151	(12121918)
578885.52	4141955.60	182.99210	(12121918)	578905.52	4141955.60	186.56353	(14121218)
578925.52	4141955.60	198.09017	(14121218)	578945.52	4141955.60	194.17955	(14121218)
578965.52	4141955.60	174.72960	(14121218)	578985.52	4141955.60	161.39890	(14020618)
579005.52	4141955.60	164.86848	(14020618)	579025.52	4141955.60	156.75980	(14020618)
579045.52	4141955.60	139.49466	(14020618)	579065.52	4141955.60	126.82329	(13012318)

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        579085.52   4141955.60      138.12850  (13012318)              579105.52
4141955.60      142.05477  (13012318)
        579125.52   4141955.60      138.78503  (13012318)              579145.52
4141955.60      129.83826  (13012318)
        579165.52   4141955.60      117.07616  (13012318)              579185.52
4141955.60      102.33917  (13012318)
        578785.22   4141971.34      152.69631  (14103118)              578805.22
4141971.34      144.38695  (14103118)
        578825.22   4141971.34      138.85872  (11110318)              578845.22
4141971.34      150.53819  (12121918)
        578865.22   4141971.34      167.42618  (12121918)              578885.22
4141971.34      174.73045  (12121918)
        578905.22   4141971.34      173.40212  (14121218)              578925.22
4141971.34      187.07453  (14121218)
        578945.22   4141971.34      187.25212  (14121218)              578965.22
4141971.34      173.01089  (14121218)
        578985.22   4141971.34      148.58942  (14020618)              579005.22
4141971.34      156.25386  (14020618)
        579025.22   4141971.34      153.35390  (14020618)              579045.22
4141971.34      141.04167  (14020618)
        579065.22   4141971.34      122.19567  (14020618)              579085.22
4141971.34      124.52855  (13012318)
        579105.22   4141971.34      132.68720  (13012318)              579125.22
4141971.34      134.21994  (13012318)
        579145.22   4141971.34      129.65426  (13012318)              579165.22
4141971.34      120.41069  (13012318)
        579185.22   4141971.34      108.14284  (13012318)              578790.01
4141986.40      145.52139  (14103118)
        578810.01   4141986.40      136.97113  (14123117)              578830.01
4141986.40      133.29899  (11110318)
        578850.01   4141986.40      146.83679  (12121918)              578870.01
4141986.40      161.94436  (12121918)
        578890.01   4141986.40      167.51225  (12121918)              578910.01
4141986.40      166.31700  (14121218)
        578930.01   4141986.40      178.81405  (14121218)              578950.01
4141986.40      178.87008  (14121218)
        578970.01   4141986.40      165.78045  (14121218)              578990.01
4141986.40      142.08857  (14121218)
        579010.01   4141986.40      148.28674  (14020618)              579030.01
4141986.40      147.20332  (14020618)
        579050.01   4141986.40      137.28293  (14020618)              579070.01
4141986.40      120.87391  (14020618)
        579090.01   4141986.40      114.16876  (13012318)              579110.01
4141986.40      123.91512  (13012318)
        579130.01   4141986.40      127.76931  (13012318)              579150.01
4141986.40      125.85745  (13012318)
        579170.01   4141986.40      119.15970  (13012318)              579190.01
4141986.40      108.92586  (13012318)
        578810.54   4142001.46      131.95640  (14123117)              578830.54
4142001.46      128.36333  (11110318)
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP24 ***
INCLUDING SOURCE(S): PAV1_0D ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578850.54	4142001.46	139.41569	(12121918)	578870.54	4142001.46	154.43592	(12121918)
578890.54	4142001.46	160.65384	(12121918)	578910.54	4142001.46	155.97984	(14121218)
578930.54	4142001.46	169.62997	(14121218)	578950.54	4142001.46	172.17456	(14121218)
578970.54	4142001.46	162.58746	(14121218)	578990.54	4142001.46	142.55318	(14121218)
579010.54	4142001.46	139.57693	(14020618)	579030.54	4142001.46	141.88016	(14020618)
579050.54	4142001.46	135.68649	(14020618)	579070.54	4142001.46	122.65949	(14020618)
579090.54	4142001.46	105.25808	(14020618)	579110.54	4142001.46	113.25972	(13012318)
579130.54	4142001.46	120.13485	(13012318)	579150.54	4142001.46	121.69628	(13012318)
579170.54	4142001.46	118.27013	(13012318)	579190.54	4142001.46	110.79498	(13012318)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
                                  INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                  PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                  HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                  HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        578385.01   4141176.41     2217.45438  (12010309)                578405.01
4141176.41     2217.00436  (12010309)
        578425.01   4141176.41     2180.96113  (12010309)                578445.01
4141176.41     2125.14991  (11122717)
        578465.01   4141176.41     2091.40676  (11122717)                578485.01
4141176.41     2017.82989  (11122717)
        578505.01   4141176.41     1952.25922  (16020318)                578525.01
4141176.41     2036.02604  (16020318)
        578545.01   4141176.41     2044.09457  (16020318)                578565.01
4141176.41     2106.66266  (14112017)
        578585.01   4141176.41     2297.28694  (14112017)                578605.01
4141176.41     2442.08412  (14112017)
        578625.01   4141176.41     2593.42075  (09012117)                578645.01
4141176.41     2748.29659  (09012117)
        578665.01   4141176.41     2781.96390  (09012117)                578685.01
4141176.41     2720.20876  (09012117)
        578705.01   4141176.41     2696.50705  (14121217)                578725.01
4141176.41     2710.29706  (14121217)
        578745.01   4141176.41     2651.26476  (11010818)                578765.01
4141176.41     2726.61241  (11010818)
        578785.01   4141176.41     2764.36555  (14010318)                578805.01
4141176.41     2736.33003  (14010318)
        578825.01   4141176.41     2714.80816  (16120717)                578845.01
4141176.41     2709.94701  (16120717)
        578865.01   4141176.41     2706.00385  (09013118)                578885.01
4141176.41     2733.53077  (09013118)
        578905.01   4141176.41     2726.22561  (09013118)                578925.01
4141176.41     2700.79387  (10120918)
        578945.01   4141176.41     2701.56746  (09011617)                578965.01
4141176.41     2761.41809  (09011617)
        578985.01   4141176.41     2792.37857  (09011617)                579005.01
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4141176.41     2786.13265  (09011617)
        579025.01   4141176.41     2737.52437  (16010818)                579045.01
4141176.41     2779.05737  (16010818)
        579065.01   4141176.41     2798.32500  (10121417)                579085.01
4141176.41     2791.80793  (10121417)
        579105.01   4141176.41     2719.55520  (11112917)                579125.01
4141176.41     2683.55591  (11010718)
        579145.01   4141176.41     2697.64513  (12111418)                579165.01
4141176.41     2675.05968  (09011017)
        579185.01   4141176.41     2667.13920  (09011017)                579205.01
4141176.41     2603.84459  (10120217)
        579225.01   4141176.41     2569.01751  (12111417)                578385.01
4141196.41     2281.30050  (12010309)
        578405.01   4141196.41     2326.69929  (12010309)                578425.01
4141196.41     2331.21721  (12010309)
        578445.01   4141196.41     2288.29595  (12010309)                578465.01
4141196.41     2250.88275  (11122717)
        578485.01   4141196.41     2188.63491  (11122717)                578505.01
4141196.41     2111.26890  (11122717)
        578525.01   4141196.41     2071.91529  (16020318)                578545.01
4141196.41     2122.83516  (16020318)
        578565.01   4141196.41     2154.22899  (16020318)                578585.01
4141196.41     2290.76478  (14112017)
        578605.01   4141196.41     2489.41271  (14112017)                578625.01
4141196.41     2650.82541  (14112017)
        578645.01   4141196.41     2788.98939  (09012117)                578665.01
4141196.41     2886.65139  (09012117)
        578685.01   4141196.41     2882.67854  (09012117)                578705.01
4141196.41     2805.39920  (09012117)
        578725.01   4141196.41     2849.62675  (14121217)                578745.01
4141196.41     2798.70273  (14121217)
        578765.01   4141196.41     2853.98405  (11010818)                578785.01
4141196.41     2895.62080  (14010318)
        578805.01   4141196.41     2869.82854  (14010318)                578825.01
4141196.41     2838.22637  (16120717)
        578845.01   4141196.41     2829.87461  (16120717)                578865.01
4141196.41     2831.63417  (09013118)
        578885.01   4141196.41     2853.92094  (09013118)                578905.01
4141196.41     2843.16079  (09013118)
        578925.01   4141196.41     2816.95611  (09013118)                578945.01
4141196.41     2835.81674  (09011617)
        578965.01   4141196.41     2893.12491  (09011617)                578985.01
4141196.41     2920.96663  (09011617)
        579005.01   4141196.41     2912.61683  (09011617)                579025.01
4141196.41     2884.96496  (16010818)
        579045.01   4141196.41     2917.70151  (16010818)                579065.01
4141196.41     2945.14722  (10121417)
        579085.01   4141196.41     2909.44144  (10121417)                579105.01
4141196.41     2835.68530  (11112917)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
, BC1_1   , BC1_2   , GRADING   ,
                   PAV1_0   , ARCH   , HAUL0001   , HAUL0002   , HAUL0003
, HAUL0004   , HAUL0005   , HAUL0006   ,
                   HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011
, HAUL0012   , HAUL0013   , HAUL0014   ,
                   HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019
, HAUL0020   , HAUL0021   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579125.01   4141196.41   2825.60740 (12111418)   579145.01
4141196.41   2827.37158 (12111418)
        579165.01   4141196.41   2819.79153 (09011017)   579185.01
4141196.41   2758.52624 (10120217)
        579205.01   4141196.41   2716.56198 (12111417)   579225.01
4141196.41   2645.03964 (12111417)
        579245.01   4141196.41   2583.80447 (17121318)   578385.01
4141216.41   2289.24526 (12010309)
        578405.01   4141216.41   2384.72883 (12010309)   578425.01
4141216.41   2442.27652 (12010309)
        578445.01   4141216.41   2439.76831 (12010309)   578465.01
4141216.41   2406.38845 (12010309)
        578485.01   4141216.41   2361.34337 (11122717)   578505.01
4141216.41   2313.42612 (11122717)
        578525.01   4141216.41   2218.33520 (11122717)   578545.01
4141216.41   2173.88086 (16020318)
        578565.01   4141216.41   2251.54857 (16020318)   578585.01
4141216.41   2275.76291 (16020318)
        578605.01   4141216.41   2508.44264 (14112017)   578625.01
4141216.41   2690.19051 (14112017)
        578645.01   4141216.41   2849.54537 (09012117)   578665.01
4141216.41   3008.48264 (09012117)

578685.01 4141216.41 3050.64593 (09012117) 578705.01
4141216.41 2993.25542 (09012117)
578725.01 4141216.41 2995.96401 (14121217) 578745.01
4141216.41 2963.43222 (14121217)
578765.01 4141216.41 2991.35278 (11010818) 578785.01
4141216.41 3040.59992 (14010318)
578805.01 4141216.41 3016.53116 (14010318) 578825.01
4141216.41 2974.63397 (16120717)
578845.01 4141216.41 2961.81998 (16120717) 578925.01
4141216.41 2942.88644 (09013118)
578945.01 4141216.41 2978.94374 (09011617) 578965.01
4141216.41 3035.51408 (09011617)
578985.01 4141216.41 3064.68684 (09011617) 579005.01
4141216.41 3053.92087 (09011617)
579025.01 4141216.41 3044.36901 (16010818) 579045.01
4141216.41 3067.41294 (10121417)
579065.01 4141216.41 3098.93648 (10121417) 579085.01
4141216.41 3025.79382 (10121417)
579105.01 4141216.41 2979.19295 (11010718) 579125.01
4141216.41 2992.79620 (12111418)
579145.01 4141216.41 2973.69453 (09011017) 579165.01
4141216.41 2944.54400 (09011017)
579185.01 4141216.41 2873.60686 (12111417) 579205.01
4141216.41 2819.68442 (12111417)
579225.01 4141216.41 2737.66509 (17121318) 579245.01
4141216.41 2674.34337 (17121318)
578385.01 4141236.41 2244.29844 (12010309) 578405.01
4141236.41 2350.04493 (12010309)
578425.01 4141236.41 2467.03993 (12010309) 578445.01
4141236.41 2538.86766 (12010309)
578465.01 4141236.41 2564.62841 (12010309) 578485.01
4141236.41 2545.21308 (12010309)
578505.01 4141236.41 2480.96294 (12010309) 578525.01
4141236.41 2415.71012 (11122717)
578545.01 4141236.41 2351.34381 (11122717) 578565.01
4141236.41 2320.88515 (16020318)
578585.01 4141236.41 2394.41217 (16020318) 578605.01
4141236.41 2496.01935 (14112017)
578625.01 4141236.41 2742.90025 (14112017) 578645.01
4141236.41 2902.51521 (14112017)
578665.01 4141236.41 3113.81893 (09012117) 578685.01
4141236.41 3218.10580 (09012117)
578705.01 4141236.41 3196.91369 (09012117) 578725.01
4141236.41 3148.99537 (14121217)
578745.01 4141236.41 3144.46747 (14121217) 578765.01
4141236.41 3139.61502 (11010818)
578785.01 4141236.41 3200.31498 (14010318) 578805.01
4141236.41 3179.82677 (14010318)
578825.01 4141236.41 3126.40366 (16120717) 578945.01
4141236.41 3135.24821 (09011617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING ,
PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 ,
HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578965.01	4141236.41	3188.52642	(09011617)	578985.01	4141236.41	3221.84590	(09011617)
579005.01	4141236.41	3208.88914	(09011617)	579025.01	4141236.41	3219.23706	(16010818)
579045.01	4141236.41	3252.41475	(10121417)	579065.01	4141236.41	3259.66546	(10121417)
579085.01	4141236.41	3170.96556	(11112917)	579105.01	4141236.41	3152.38238	(12111418)
579125.01	4141236.41	3151.22393	(12111418)	579145.01	4141236.41	3138.55753	(09011017)
579165.01	4141236.41	3065.91343	(10120217)	579185.01	4141236.41	3007.81885	(12111417)
579205.01	4141236.41	2905.72926	(17121318)	579225.01	4141236.41	2849.21977	(17121318)
579245.01	4141236.41	2730.59001	(13110618)	578385.01	4141256.41	2129.27150	(12010309)
578405.01	4141256.41	2291.62916	(12010309)	578425.01	4141256.41	2434.41362	(12010309)
578445.01	4141256.41	2577.04748	(12010309)	578465.01	4141256.41	2666.35925	(12010309)
578485.01	4141256.41	2699.31461	(12010309)	578505.01			

4141256.41 2667.95568 (12010309)
578525.01 4141256.41 2619.32475 (12010309) 578545.01
4141256.41 2579.46032 (11122717)
578565.01 4141256.41 2512.50253 (11122717) 578585.01
4141256.41 2485.16589 (16020318)
578605.01 4141256.41 2551.59953 (16020318) 578625.01
4141256.41 2762.26196 (14112017)
578645.01 4141256.41 2993.44024 (14112017) 578665.01
4141256.41 3193.63667 (09012117)
578685.01 4141256.41 3376.48107 (09012117) 578705.01
4141256.41 3412.54705 (09012117)
578725.01 4141256.41 3323.75761 (09012117) 578745.01
4141256.41 3343.48403 (14121217)
578765.01 4141256.41 3302.31715 (11010818) 578785.01
4141256.41 3376.66074 (14010318)
578805.01 4141256.41 3363.41118 (14010318) 578965.01
4141256.41 3358.00650 (09011617)
578985.01 4141256.41 3393.72024 (09011617) 579005.01
4141256.41 3383.17068 (09011617)
579025.01 4141256.41 3412.72996 (16010818) 579045.01
4141256.41 3455.47745 (10121417)
579065.01 4141256.41 3429.24415 (10121417) 579085.01
4141256.41 3346.88852 (11010718)
579105.01 4141256.41 3359.18625 (12111418) 579125.01
4141256.41 3338.44150 (09011017)
579145.01 4141256.41 3278.45376 (09011017) 579165.01
4141256.41 3212.36994 (12111417)
579185.01 4141256.41 3104.88367 (12111417) 579205.01
4141256.41 3042.81381 (17121318)
579225.01 4141256.41 2918.93208 (17121318) 579245.01
4141256.41 2856.66538 (13110618)
579265.01 4141256.41 2778.38873 (15011018) 578385.01
4141276.41 1880.39480 (12010309)
578405.01 4141276.41 2163.50363 (12010309) 578425.01
4141276.41 2376.82402 (12010309)
578445.01 4141276.41 2528.23798 (12010309) 578465.01
4141276.41 2696.26412 (12010309)
578485.01 4141276.41 2788.08703 (12010309) 578505.01
4141276.41 2853.00290 (12010309)
578525.01 4141276.41 2852.50606 (12010309) 578545.01
4141276.41 2815.46436 (12010309)
578565.01 4141276.41 2758.25376 (11122717) 578585.01
4141276.41 2694.98259 (11122717)
578605.01 4141276.41 2666.33398 (16020318) 578625.01
4141276.41 2742.17394 (14112017)
578645.01 4141276.41 3053.03401 (14112017) 578665.01
4141276.41 3260.63236 (14112017)
578685.01 4141276.41 3517.17872 (09012117) 578705.01
4141276.41 3631.68055 (09012117)
578725.01 4141276.41 3586.25028 (09012117) 578745.01

4141276.41   3559.81962 (14121217)
        578765.01   4141276.41   3482.48361 (14121217)   578785.01
4141276.41   3576.81480 (14010318)
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4141276.41   3578.03874 (09011617)
        579025.01   4141276.41   3631.07074 (16010818)   579045.01
4141276.41   3680.05136 (10121417)
        579065.01   4141276.41   3604.91666 (10121417)   579085.01
4141276.41   3561.66142 (12111418)
        579105.01   4141276.41   3558.15344 (12111418)   579125.01
4141276.41   3532.47526 (09011017)
        579145.01   4141276.41   3436.81251 (10120217)   579165.01
4141276.41   3346.82185 (12111417)
        579185.01   4141276.41   3259.19477 (17121318)   579205.01
4141276.41   3136.21274 (17121318)
        579225.01   4141276.41   3045.32837 (13110618)   579245.01
4141276.41   2962.14430 (15011018)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
, BC1_1   , BC1_2   , GRADING   ,
                   PAV1_0   , ARCH   , HAUL0001   , HAUL0002   , HAUL0003
, HAUL0004   , HAUL0005   , HAUL0006   ,
                   HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011
, HAUL0012   , HAUL0013   , HAUL0014   ,
                   HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019
, HAUL0020   , HAUL0021   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        579265.01   4141276.41   2822.34683 (15011018)   578385.01
4141296.41   2053.71128 (09110418)
        578405.01   4141296.41   1980.17359 (09110418)   578425.01
4141296.41   2213.88985 (12010309)

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        578485.01   4141296.41     2806.42258  (12010309)              578505.01
4141296.41     2937.90095  (12010309)
        578525.01   4141296.41     3023.19437  (12010309)              578545.01
4141296.41     3043.64771  (12010309)
        578565.01   4141296.41     3028.92578  (12010309)              578585.01
4141296.41     2967.01521  (12010309)
        578605.01   4141296.41     2900.79464  (11122717)              578625.01
4141296.41     2871.29241  (16020318)
        578645.01   4141296.41     3072.43767  (14112017)              578665.01
4141296.41     3371.30765  (14112017)
        578685.01   4141296.41     3629.58459  (09012117)              578705.01
4141296.41     3846.19486  (09012117)
        578725.01   4141296.41     3870.85082  (09012117)              578745.01
4141296.41     3792.69051  (14121217)
        579005.01   4141296.41     3807.38831  (16010818)              579025.01
4141296.41     3881.30136  (10121417)
        579045.01   4141296.41     3928.09477  (10121417)              579065.01
4141296.41     3813.87333  (11010718)
        579085.01   4141296.41     3829.92451  (12111418)              579105.01
4141296.41     3803.69841  (09011017)
        579125.01   4141296.41     3718.87576  (10120217)              579145.01
4141296.41     3614.49627  (12111417)
        579165.01   4141296.41     3503.47114  (17121318)              579185.01
4141296.41     3380.94694  (17121318)
        579205.01   4141296.41     3257.59225  (15011018)              579225.01
4141296.41     3168.73385  (15011018)
        579245.01   4141296.41     3016.54995  (15011018)              579265.01
4141296.41     2799.10222  (15011018)
        579285.01   4141296.41     2522.39171  (15011018)              578385.01
4141316.41     2227.00382  (09110418)
        578405.01   4141316.41     2234.04040  (09110418)              578425.01
4141316.41     2185.98401  (09110418)
        578445.01   4141316.41     2258.08792  (12010309)              578465.01
4141316.41     2536.92489  (12010309)
        578485.01   4141316.41     2777.54823  (12010309)              578505.01
4141316.41     2942.73349  (12010309)
        578525.01   4141316.41     3101.78581  (12010309)              578545.01
4141316.41     3213.23986  (12010309)
        578565.01   4141316.41     3273.11709  (12010309)              578585.01
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        578605.01   4141316.41     3222.72626  (12010309)              578625.01
4141316.41     3139.54842  (11122717)
        578645.01   4141316.41     3105.16247  (16020318)              578665.01
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        578685.01   4141316.41     3719.70736  (14112017)              578705.01
4141316.41     4041.63376  (09012117)
        578725.01   4141316.41     4171.18822  (09012117)              579025.01
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4141316.41     3781.90607  (17121318)
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4141316.41     3501.03863  (15011018)
        579205.01   4141316.41     3402.35251  (15011018)                579225.01
4141316.41     3237.72966  (15011018)
        579245.01   4141316.41     2999.57172  (15011018)                579265.01
4141316.41     2693.37284  (15011018)
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4141336.41     2335.67863  (09110418)
        578405.01   4141336.41     2397.38389  (09110418)                578425.01
4141336.41     2425.13332  (09110418)
        578445.01   4141336.41     2399.62924  (09110418)                578465.01
4141336.41     2400.50706  (09110418)
        578485.01   4141336.41     2631.38385  (12010309)                578505.01
4141336.41     2908.00546  (12010309)
        578525.01   4141336.41     3119.49153  (12010309)                578545.01
4141336.41     3313.13258  (12010309)
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4141336.41     3539.24477  (12010309)
        578605.01   4141336.41     3563.53607  (12010309)                578625.01
4141336.41     3519.95700  (12010309)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                  PAGE  1006
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                   HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                   HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579025.01	4141336.41	4551.82057	(10121417)	579045.01	4141336.41	4493.66619	(10121417)
579065.01	4141336.41	4472.00012	(12111418)	579085.01	4141336.41	4420.21444	(09011017)
579105.01	4141336.41	4279.43756	(10120217)	579125.01	4141336.41	4108.82131	(17121318)
579145.01	4141336.41	3978.90585	(17121318)	579165.01	4141336.41	3780.71541	(15011018)
579185.01	4141336.41	3670.13645	(15011018)	579205.01	4141336.41	3490.30577	(15011018)
579225.01	4141336.41	3230.15566	(15011018)	579245.01	4141336.41	2888.52185	(15011018)
579265.01	4141336.41	2677.86408	(17122918)	579285.01	4141336.41	2632.17960	(14011818)
578385.01	4141356.41	2350.18254	(09110418)	578405.01	4141356.41	2452.14737	(09110418)
578425.01	4141356.41	2518.17500	(09110418)	578445.01	4141356.41	2585.68913	(09110418)
578465.01	4141356.41	2633.06039	(09110418)	578485.01	4141356.41	2653.47527	(09110418)
578505.01	4141356.41	2724.91340	(12010309)	578525.01	4141356.41	3038.82903	(12010309)
578545.01	4141356.41	3318.81209	(12010309)	578565.01	4141356.41	3551.53060	(12010309)
578585.01	4141356.41	3728.14540	(12010309)	578605.01	4141356.41	3847.57251	(12010309)
578625.01	4141356.41	3897.95355	(12010309)	578645.01	4141356.41	3869.10429	(12010309)
578665.01	4141356.41	3757.41940	(12010309)	578685.01	4141356.41	3945.33422	(14112017)
579025.01	4141356.41	4992.16266	(10121417)	579045.01	4141356.41	4883.59891	(11010718)
579065.01	4141356.41	4854.67484	(09011017)	579085.01	4141356.41	4734.48079	(10120217)
579105.01	4141356.41	4515.88753	(12111417)	579125.01	4141356.41	4351.97628	(17121318)
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579225.01	4141356.41	3113.48524	(15011018)	579245.01			

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        579265.01   4141356.41     2860.56810  (14011818)                579285.01
4141356.41     2786.64702  (14011818)
        579305.01   4141356.41     2688.97590  (14011818)                578385.01
4141376.41     2270.44617  (09110418)
        578405.01   4141376.41     2396.71164  (09110418)                578425.01
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        578445.01   4141376.41     2656.85087  (09110418)                578465.01
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        579065.01   4141376.41     5290.79977  (10120217)                579085.01
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4141376.41     3377.24148  (15011018)
        579225.01   4141376.41     3188.16622  (14011818)                579245.01
4141376.41     3112.64743  (14011818)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                  PAGE  1007
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                   HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
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, HAUL0012    , HAUL0013    , HAUL0014    ,
                HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579305.01   4141376.41     2797.49596  (17120218)               578385.01
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        578465.01   4141416.41     2808.85990  (16030918)                578485.01
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4141436.41     2756.31406  (14120118)
        578425.01   4141436.41     2822.54815  (14120118)                578445.01
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        578505.01   4141436.41     3175.99117  (16030918)                578525.01
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4141436.41     3743.13093  (09110418)
        578585.01   4141436.41     3959.46140  (09110418)                578605.01
4141436.41     4150.15106  (09110418)
        578625.01   4141436.41     4458.61976  (12010309)                578645.01
4141436.41     4960.56122  (12010309)
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4141436.41     5905.91838  (17121318)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                PAGE  1008
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                 PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                 HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                 HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579105.01   4141436.41     5607.16533  (15011018)               579125.01
4141436.41     5212.79621  (15011018)
        579145.01   4141436.41     4554.89224  (15011018)               579165.01
4141436.41     4286.38393  (14011818)
        579185.01   4141436.41     4104.96876  (14011818)               579205.01
4141436.41     3917.75282  (17120218)
        579225.01   4141436.41     3751.61489  (17120218)               579245.01
4141436.41     3558.92825  (17120218)
        579265.01   4141436.41     3422.78014  (17112018)               579285.01
4141436.41     3270.04373  (17112018)
        579305.01   4141436.41     3089.50212  (17112018)               579325.01
4141436.41     2945.48757  (17112018)
        578385.01   4141456.41     2832.22709  (14120118)               578405.01
4141456.41     2942.37597  (14120118)
        578425.01   4141456.41     3053.49412  (14120118)               578445.01
4141456.41     3165.25904  (14120118)
        578465.01   4141456.41     3276.70642  (14120118)               578485.01
4141456.41     3387.47662  (14120118)
        578505.01   4141456.41     3495.08627  (14120118)               578525.01
4141456.41     3601.98486  (14120118)
        578545.01   4141456.41     3700.68824  (14120118)               578565.01
4141456.41     3828.16812  (16030918)
        578585.01   4141456.41     4028.63080  (09110418)               578605.01
4141456.41     4332.06015  (09110418)
        578625.01   4141456.41     4620.97719  (09110418)               578645.01
4141456.41     4904.13854  (12010309)
        579045.01   4141456.41     7395.56197  (17121318)               579065.01
```

4141456.41 6750.64486 (17121318)
579085.01 4141456.41 6348.57423 (15011018) 579105.01
4141456.41 5952.10958 (15011018)
579125.01 4141456.41 5180.67426 (15011018) 579145.01
4141456.41 4825.75009 (14011818)
579165.01 4141456.41 4577.75411 (14011818) 579185.01
4141456.41 4360.33277 (17120218)
579205.01 4141456.41 4119.43426 (17120218) 579225.01
4141456.41 3909.14053 (17112018)
579245.01 4141456.41 3714.94878 (17112018) 579265.01
4141456.41 3538.46691 (17112018)
578385.01 4141476.41 2838.27745 (14120118) 578405.01
4141476.41 2981.20486 (14120118)
578425.01 4141476.41 3130.69724 (14120118) 578445.01
4141476.41 3286.22049 (14120118)
578465.01 4141476.41 3448.56621 (14120118) 578485.01
4141476.41 3617.60851 (14120118)
578505.01 4141476.41 3791.88179 (14120118) 578525.01
4141476.41 3976.20660 (14120118)
578545.01 4141476.41 4157.17263 (14120118) 578565.01
4141476.41 4347.90582 (14120118)
578585.01 4141476.41 4543.19770 (14120118) 578605.01
4141476.41 4741.75306 (14120118)
578625.01 4141476.41 4942.02178 (14120118) 578645.01
4141476.41 5145.18948 (14120118)
579065.01 4141476.41 7311.67611 (15011018) 579085.01
4141476.41 6964.73462 (15011018)
579105.01 4141476.41 6042.63164 (15011018) 579125.01
4141476.41 5542.15734 (14011818)
579145.01 4141476.41 5205.01989 (17120218) 579165.01
4141476.41 4904.00729 (17120218)
579185.01 4141476.41 4566.75392 (17112018) 579205.01
4141476.41 4346.69779 (17112018)
579225.01 4141476.41 4057.07340 (17112018) 578385.01
4141496.41 2706.19251 (14120118)
578405.01 4141496.41 2868.35006 (14120118) 578425.01
4141496.41 3041.41328 (14120118)
578445.01 4141496.41 3226.58750 (14120118) 578465.01
4141496.41 3424.30337 (14120118)
578485.01 4141496.41 3637.26086 (14120118) 578505.01
4141496.41 3864.51938 (14120118)
578525.01 4141496.41 4114.09752 (14120118) 578545.01
4141496.41 4372.06733 (14120118)
578565.01 4141496.41 4653.83078 (14120118) 578585.01
4141496.41 4958.30949 (14120118)
578605.01 4141496.41 5286.96893 (14120118) 578625.01
4141496.41 5642.50505 (14120118)
578645.01 4141496.41 6036.36821 (14120118) 579085.01
4141496.41 7334.98547 (15011018)
579105.01 4141496.41 6578.62880 (14011818) 579125.01

4141496.41   6090.47300 (17120218)
579145.01   4141496.41   5578.35007 (17120218)   579165.01
4141496.41   5199.83313 (17112018)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
, BC1_1   , BC1_2   , GRADING   ,
PAV1_0   , ARCH   , HAUL0001   , HAUL0002   , HAUL0003
, HAUL0004   , HAUL0005   , HAUL0006   ,
HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011
, HAUL0012   , HAUL0013   , HAUL0014   ,
HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019
, HAUL0020   , HAUL0021   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
- -
579185.01   4141496.41   4785.40376 (17112018)   579205.01
4141496.41   4333.78381 (17112018)
578385.01   4141516.41   2808.35666 (12010417)   578405.01
4141516.41   2931.09832 (12010417)
578425.01   4141516.41   3062.95509 (12010417)   578445.01
4141516.41   3204.14572 (12010417)
578465.01   4141516.41   3358.28267 (12010417)   578485.01
4141516.41   3527.77876 (12010417)
578505.01   4141516.41   3711.03798 (12010417)   578525.01
4141516.41   3983.63248 (14120118)
578545.01   4141516.41   4287.78408 (14120118)   578565.01
4141516.41   4633.64536 (14120118)
578585.01   4141516.41   5021.79945 (14120118)   578605.01
4141516.41   5460.63874 (14120118)
578625.01   4141516.41   5961.36095 (14120118)   578645.01
4141516.41   6543.87243 (14120118)
579085.01   4141516.41   8239.86993 (14011818)   579105.01
4141516.41   7374.32249 (17120218)

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        579125.01   4141516.41     6594.12336  (17112018)                579145.01
4141516.41     5937.30201  (17112018)
        579165.01   4141516.41     5274.78368  (10120118)                578385.01
4141536.41     2922.91292  (13012417)
        578405.01   4141536.41     3052.41654  (13012417)                578425.01
4141536.41     3194.27598  (13012417)
        578445.01   4141536.41     3349.46634  (13012417)                578465.01
4141536.41     3518.82316  (13012417)
        578485.01   4141536.41     3706.71931  (13012417)                578505.01
4141536.41     3913.83845  (13012417)
        578525.01   4141536.41     4155.80902  (13012417)                578545.01
4141536.41     4410.73938  (13012417)
        578565.01   4141536.41     4714.34412  (13012417)                578585.01
4141536.41     5063.35926  (13012417)
        578605.01   4141536.41     5471.99260  (13012417)                578625.01
4141536.41     5967.38138  (13012417)
        578645.01   4141536.41     6578.61287  (13012417)                578665.01
4141536.41     7361.34364  (13012417)
        579105.01   4141536.41     7936.42959  (17112018)                579125.01
4141536.41     6909.85364  (10120118)
        579185.01   4141536.41     5061.68410  (10122318)                578385.01
4141556.41     3003.73501  (13012417)
        578405.01   4141556.41     3138.22666  (13012417)                578425.01
4141556.41     3284.29190  (13012417)
        578445.01   4141556.41     3444.27225  (13012417)                578465.01
4141556.41     3620.11487  (13012417)
        578485.01   4141556.41     3813.14298  (13012417)                578505.01
4141556.41     4026.70635  (13012417)
        578525.01   4141556.41     4272.05411  (13012417)                578545.01
4141556.41     4533.63679  (13012417)
        578565.01   4141556.41     4841.75015  (13012417)                578585.01
4141556.41     5195.92873  (13012417)
        578605.01   4141556.41     5613.42835  (13012417)                578625.01
4141556.41     6112.37871  (13012417)
        578645.01   4141556.41     6729.90794  (13012417)                578665.01
4141556.41     7527.37862  (13012417)
        578685.01   4141556.41     8626.38112  (13012417)                579165.01
4141556.41     5609.28078  (11112918)
        579185.01   4141556.41     5116.84486  (11112918)                579205.01
4141556.41     4690.56798  (11112918)
        578385.01   4141576.41     2935.63954  (13012417)                578405.01
4141576.41     3063.99362  (13012417)
        578425.01   4141576.41     3203.00520  (13012417)                578445.01
4141576.41     3354.05896  (13012417)
        578465.01   4141576.41     3518.16199  (13012417)                578485.01
4141576.41     3697.91477  (13012417)
        578505.01   4141576.41     3896.41086  (13012417)                578525.01
4141576.41     4120.20104  (13012417)
        578545.01   4141576.41     4358.75673  (13012417)                578565.01
4141576.41     4630.48930  (13012417)
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING ,
PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 ,
HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578585.01	4141576.41	4937.15773	(13012417)	578605.01	4141576.41	5287.36883	(13012417)
578625.01	4141576.41	5692.55693	(13012417)	578645.01	4141576.41	6170.15522	(13012417)
578665.01	4141576.41	6730.49000	(13012417)	578685.01	4141576.41	7411.06662	(17121418)
578705.01	4141576.41	8296.98296	(17121418)	579145.01	4141576.41	5860.95495	(11112918)
579165.01	4141576.41	5261.40595	(11112918)	579185.01	4141576.41	4735.52846	(11112918)
579205.01	4141576.41	4304.40340	(11112918)	579225.01	4141576.41	3943.38127	(11112918)
579245.01	4141576.41	3636.22362	(11112918)	579265.01	4141576.41	3372.59816	(11112918)
578385.01	4141596.41	2748.19818	(17121418)	578405.01	4141596.41	2865.46182	(17121418)
578425.01	4141596.41	2990.98092	(17121418)	578445.01	4141596.41	3127.26478	(17121418)
578465.01	4141596.41	3274.62832	(17121418)	578485.01	4141596.41	3434.89521	(17121418)
578505.01	4141596.41	3611.67323	(17121418)	578525.01			

4141596.41 3806.58152 (17121418)
578545.01 4141596.41 4015.91740 (17121418) 578565.01
4141596.41 4251.07448 (17121418)
578585.01 4141596.41 4510.87641 (17121418) 578605.01
4141596.41 4800.79663 (17121418)
578625.01 4141596.41 5128.07376 (17121418) 578645.01
4141596.41 5500.10060 (17121418)
578665.01 4141596.41 5928.86710 (17121418) 578685.01
4141596.41 6429.88135 (17121418)
578705.01 4141596.41 7034.74109 (17121418) 578725.01
4141596.41 7829.48697 (17121418)
578745.01 4141596.41 8953.76893 (17121418) 579105.01
4141596.41 7142.50908 (16011318)
579145.01 4141596.41 5697.88950 (16011318) 579165.01
4141596.41 5127.95964 (16011318)
579185.01 4141596.41 4648.52871 (16011318) 579205.01
4141596.41 4240.52025 (16011318)
579225.01 4141596.41 3890.27671 (16011318) 579245.01
4141596.41 3586.81644 (16011318)
579265.01 4141596.41 3322.13316 (16011318) 579285.01
4141596.41 3090.26357 (16011318)
579305.01 4141596.41 2888.74774 (16011318) 579325.01
4141596.41 2713.56162 (16011318)
579345.01 4141596.41 2566.32701 (16011318) 578385.01
4141616.41 2521.67034 (10012218)
578405.01 4141616.41 2624.34915 (10012218) 578425.01
4141616.41 2732.83533 (10012218)
578445.01 4141616.41 2849.01016 (17121418) 578465.01
4141616.41 2976.33897 (17121418)
578485.01 4141616.41 3114.53227 (17121418) 578505.01
4141616.41 3265.80770 (17121418)
578525.01 4141616.41 3433.49258 (17121418) 578545.01
4141616.41 3611.20826 (17121418)
578565.01 4141616.41 3810.85180 (17121418) 578585.01
4141616.41 4030.14439 (17121418)
578605.01 4141616.41 4273.86334 (17121418) 578625.01
4141616.41 4546.94326 (17121418)
578645.01 4141616.41 4854.15186 (17121418) 578665.01
4141616.41 5211.13316 (17121418)
578685.01 4141616.41 5637.03121 (17121418) 578705.01
4141616.41 6155.35710 (17121418)
578725.01 4141616.41 6801.47514 (17121418) 578745.01
4141616.41 7655.88095 (17121418)
579065.01 4141616.41 7834.93781 (09012218) 579085.01
4141616.41 7107.88224 (09012218)
579105.01 4141616.41 6378.29111 (09012218) 579125.01
4141616.41 5798.06744 (16011318)
579165.01 4141616.41 4934.10435 (16011318) 579185.01
4141616.41 4567.15625 (16011318)
579205.01 4141616.41 4238.59286 (16011318) 579225.01

4141616.41   3944.04523 (16011318)
        579245.01   4141616.41   3679.49605 (16011318)   579265.01
4141616.41   3441.73306 (16011318)
        579285.01   4141616.41   3226.63514 (16011318)   579305.01
4141616.41   3036.61643 (16011318)
        579325.01   4141616.41   2868.47824 (16011318)   579345.01
4141616.41   2722.65297 (16011318)
        578385.01   4141636.41   2431.73452 (10012218)   578405.01
4141636.41   2518.92056 (10012218)
        578425.01   4141636.41   2610.99805 (10012218)   578445.01
4141636.41   2708.71549 (10012218)
        578465.01   4141636.41   2812.54591 (10012218)   578485.01
4141636.41   2921.99720 (10012218)
        578505.01   4141636.41   3040.73432 (10012218)   578525.01
4141636.41   3169.73827 (10012218)
        578545.01   4141636.41   3305.49383 (10012218)   578565.01
4141636.41   3455.32775 (10012218)
        578585.01   4141636.41   3758.98793 (16120718)   578605.01
4141636.41   4055.61565 (16120718)
        578625.01   4141636.41   4348.75912 (16120718)   578645.01
4141636.41   4648.42733 (16120718)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
, BC1_1   , BC1_2   , GRADING   ,
                 PAV1_0   , ARCH   , HAUL0001   , HAUL0002   , HAUL0003
, HAUL0004   , HAUL0005   , HAUL0006   ,
                 HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011
, HAUL0012   , HAUL0013   , HAUL0014   ,
                 HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019
, HAUL0020   , HAUL0021   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

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

578665.01 4141636.41 4962.01808 (16120718) 578685.01 4141636.41 5314.77584 (16120718)
578705.01 4141636.41 5735.75554 (16120718) 578725.01 4141636.41 6251.45849 (16120718)
579045.01 4141636.41 7407.99025 (09012218) 579065.01 4141636.41 6918.84156 (09012218)
579085.01 4141636.41 6423.62462 (09012218) 579105.01 4141636.41 5947.05382 (09012218)
579125.01 4141636.41 5473.77705 (09012218) 579165.01 4141636.41 4594.37613 (17010418)
579185.01 4141636.41 4292.68874 (17010418) 579205.01 4141636.41 4003.76765 (17010418)
579225.01 4141636.41 3757.09951 (16011318) 579245.01 4141636.41 3554.53926 (16011318)
579265.01 4141636.41 3366.54142 (16011318) 579285.01 4141636.41 3192.01328 (16011318)
579305.01 4141636.41 3032.62840 (16011318) 579325.01 4141636.41 2887.92085 (16011318)
579345.01 4141636.41 2759.79894 (16011318) 578385.01 4141656.41 2260.12874 (10012218)
578405.01 4141656.41 2330.38367 (10012218) 578425.01 4141656.41 2403.42091 (10012218)
578445.01 4141656.41 2481.47039 (10012218) 578465.01 4141656.41 2565.91381 (10012218)
578485.01 4141656.41 2653.51823 (10012218) 578505.01 4141656.41 2829.20625 (16120718)
578525.01 4141656.41 3075.22327 (16120718) 578545.01 4141656.41 3318.31418 (16120718)
578565.01 4141656.41 3558.64107 (16120718) 578585.01 4141656.41 3798.04783 (16120718)
578605.01 4141656.41 4042.16315 (16120718) 578625.01 4141656.41 4298.61247 (16120718)
578645.01 4141656.41 4571.52904 (16120718) 578665.01 4141656.41 4876.06518 (16120718)
578685.01 4141656.41 5238.23695 (16120718) 578705.01 4141656.41 5665.15494 (16120718)
578725.01 4141656.41 6196.71397 (16120718) 579005.01 4141656.41 7509.60837 (17112518)
579025.01 4141656.41 7038.82392 (17112518) 579045.01 4141656.41 6544.10275 (17112518)
579065.01 4141656.41 6096.29767 (17112518) 579085.01 4141656.41 5703.52817 (09012218)
579105.01 4141656.41 5401.74691 (09012218) 579125.01 4141656.41 5097.46250 (09012218)
579145.01 4141656.41 4788.34383 (09012218) 579185.01 4141656.41 4154.62158 (09012218)
579205.01 4141656.41 3835.56723 (09012218) 579225.01 4141656.41 3610.31730 (17010418)
579245.01 4141656.41 3422.26919 (17010418) 579265.01 4141656.41 3240.19502 (17010418)

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        579285.01   4141656.41     3064.83427  (17010418)                579305.01
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        579325.01   4141656.41     2776.21771  (16011318)                579345.01
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        578385.01   4141676.41     2017.02824  (10012218)                578405.01
4141676.41     2137.99294  (15102718)
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4141676.41     2390.93543  (15102718)
        578465.01   4141676.41     2579.29059  (16120718)                578485.01
4141676.41     2784.10972  (16120718)
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4141676.41     3188.81955  (16120718)
        578545.01   4141676.41     3388.57253  (16120718)                578565.01
4141676.41     3591.29209  (16120718)
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4141676.41     4026.62196  (16120718)
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4141676.41     6704.15795  (11121618)
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4141676.41     6137.69971  (17112518)
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4141676.41     5548.81071  (17112518)
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4141676.41     4940.31092  (17112518)
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4141676.41     4435.86448  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***        15:03:32

                                  PAGE  1012
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                   PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                   HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                   HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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579205.01	4141676.41	3793.27092	(09012218)	579225.01	4141676.41	3563.94942	(09012218)
579245.01	4141676.41	3331.03036	(09012218)	579265.01	4141676.41	3100.30284	(09012218)
579285.01	4141676.41	2968.89738	(17010418)	579305.01	4141676.41	2846.20876	(17010418)
579325.01	4141676.41	2728.09490	(17010418)	579345.01	4141676.41	2615.75724	(17010418)
578385.01	4141696.41	2108.29859	(15102718)	578405.01	4141696.41	2213.10861	(15102718)
578425.01	4141696.41	2377.50949	(16120718)	578445.01	4141696.41	2552.28674	(16120718)
578465.01	4141696.41	2724.69956	(16120718)	578485.01	4141696.41	2894.86115	(16120718)
578505.01	4141696.41	3067.03522	(16120718)	578525.01	4141696.41	3240.19415	(16120718)
578565.01	4141696.41	3604.03802	(16120718)	578585.01	4141696.41	3804.05963	(16120718)
578605.01	4141696.41	4021.50336	(16120718)	578625.01	4141696.41	4262.32829	(16120718)
578645.01	4141696.41	4536.64094	(16120718)	578665.01	4141696.41	4847.91395	(16120718)
578685.01	4141696.41	5201.90971	(16120718)	578945.01	4141696.41	6888.07094	(14121218)
578965.01	4141696.41	6328.85766	(14121218)	578985.01	4141696.41	5745.34106	(14121218)
579005.01	4141696.41	5536.90492	(11121618)	579025.01	4141696.41	5363.92916	(11121618)
579045.01	4141696.41	5165.65806	(11121618)	579065.01	4141696.41	4995.94000	(17112518)
579085.01	4141696.41	4813.13831	(17112518)	579105.01	4141696.41	4608.87948	(17112518)
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579165.01	4141696.41	3887.01949	(17112518)	579185.01	4141696.41	3751.82989	(09012218)
579205.01	4141696.41	3609.96680	(09012218)	579225.01	4141696.41	3456.21774	(09012218)
579245.01	4141696.41	3293.72271	(09012218)	579265.01			

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        579325.01   4141696.41     2604.28506  (09012218)                579345.01
4141696.41     2526.28488  (17010418)
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4141716.41     2656.79387  (16120718)
        578465.01   4141716.41     2802.72106  (16120718)                578485.01
4141716.41     2949.79506  (16120718)
        578505.01   4141716.41     3102.55294  (16120718)                578525.01
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        578605.01   4141716.41     3977.18691  (16120718)                578625.01
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        578645.01   4141716.41     4412.18989  (16120718)                578665.01
4141716.41     4636.89605  (16120718)
        578685.01   4141716.41     4851.13732  (16120718)                578905.01
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        579045.01   4141716.41     4617.41629  (11121618)                579065.01
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        579085.01   4141716.41     4353.55823  (11121618)                579105.01
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4141716.41     3557.84907  (17112518)
        579205.01   4141716.41     3341.16328  (17112518)                579225.01
4141716.41     3242.65653  (09012218)
        579245.01   4141716.41     3141.08651  (09012218)                579265.01
4141716.41     3029.31740  (09012218)
        579285.01   4141716.41     2908.65315  (09012218)                579305.01
4141716.41     2781.17668  (09012218)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                          ***       15:03:32

                                  PAGE  1013
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
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, BC1_1       , BC1_2       , GRADING     ,
                PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579325.01   4141716.41     2650.58817  (09012218)               579345.01
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4141736.41     2708.25204  (16120718)
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4141736.41     7148.60461  (14121218)
        578905.01   4141736.41     6840.39906  (14121218)               578925.01
4141736.41     6169.62609  (14121218)
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 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING ,
PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 ,
HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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4141816.41 3283.06774 (14121218)
579045.01 4141816.41 3085.49906 (13012318) 579065.01

4141816.41   3055.18503 (13012318)
        579085.01   4141816.41   2981.83326 (13012318)   579105.01
4141816.41   2877.66470 (13012318)
        579125.01   4141816.41   2750.53689 (13012318)   579145.01
4141816.41   2602.71570 (13012318)
        579165.01   4141816.41   2613.60710 (11121618)   579185.01
4141816.41   2627.63586 (11121618)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
, BC1_1   , BC1_2   , GRADING   ,
PAV1_0   , ARCH   , HAUL0001   , HAUL0002   , HAUL0003
, HAUL0004   , HAUL0005   , HAUL0006   ,
HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011
, HAUL0012   , HAUL0013   , HAUL0014   ,
HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019
, HAUL0020   , HAUL0021   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579205.01	4141816.41	2616.41124	(11121618)	579225.01	4141816.41	2580.30668	(11121618)
579245.01	4141816.41	2524.12497	(11121618)	579265.01	4141816.41	2452.32511	(17112518)
579285.01	4141816.41	2417.92882	(17112518)	579305.01	4141816.41	2366.67036	(17112518)
579325.01	4141816.41	2301.37366	(17112518)	579345.01	4141816.41	2223.09351	(17112518)
578565.01	4141836.41	3185.66298	(09121117)	578585.01	4141836.41	3346.87309	(09121117)
578605.01	4141836.41	3504.09417	(12010318)	578625.01	4141836.41	3608.51202	(12010318)
578645.01	4141836.41	3619.65448	(12010318)	578665.01	4141836.41	3826.82374	(11112818)

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        578685.01   4141836.41     4050.43785  (09010809)              578705.01
4141836.41     4272.46604  (09010809)
        578725.01   4141836.41     4307.78970  (09010809)              578765.01
4141836.41     4441.06441  (12112718)
        578785.01   4141836.41     4452.61547  (09112618)              578805.01
4141836.41     4400.28982  (09112618)
        578825.01   4141836.41     4070.40910  (09112618)              578845.01
4141836.41     3640.84014  (14103118)
        578865.01   4141836.41     3724.68495  (14103118)              578885.01
4141836.41     3625.77580  (14103118)
        578905.01   4141836.41     3642.39338  (12121918)              578925.01
4141836.41     3787.17716  (14121218)
        578945.01   4141836.41     3832.32523  (14121218)              578965.01
4141836.41     3723.56298  (14121218)
        578985.01   4141836.41     3548.38108  (14121218)              579005.01
4141836.41     3353.01337  (14121218)
        579025.01   4141836.41     3146.17137  (14121218)              579045.01
4141836.41     2920.62028  (14121218)
        579065.01   4141836.41     2833.92964  (13012318)              579085.01
4141836.41     2810.32341  (13012318)
        579105.01   4141836.41     2748.46386  (13012318)              579125.01
4141836.41     2656.71442  (13012318)
        579145.01   4141836.41     2541.01184  (13012318)              579165.01
4141836.41     2405.19080  (13012318)
        579185.01   4141836.41     2375.11563  (11121618)              579205.01
4141836.41     2405.94899  (11121618)
        579225.01   4141836.41     2410.59525  (11121618)              579245.01
4141836.41     2392.97386  (11121618)
        579265.01   4141836.41     2354.36856  (11121618)              579285.01
4141836.41     2296.60211  (11121618)
        579305.01   4141836.41     2246.17482  (17112518)              579325.01
4141836.41     2214.90192  (17112518)
        579345.01   4141836.41     2168.68322  (17112518)              578565.01
4141856.41     3145.91094  (12010318)
        578585.01   4141856.41     3258.72744  (12010318)              578605.01
4141856.41     3314.51109  (12010318)
        578625.01   4141856.41     3365.19382  (11112818)              578645.01
4141856.41     3538.01652  (11112818)
        578665.01   4141856.41     3736.38365  (09010809)              578685.01
4141856.41     3922.78476  (09010809)
        578705.01   4141856.41     3954.60459  (09010809)              578725.01
4141856.41     3826.07550  (16121017)
        578745.01   4141856.41     4041.92270  (12112718)              578765.01
4141856.41     4127.29907  (12112718)
        578785.01   4141856.41     4128.48612  (09112618)              578805.01
4141856.41     3956.15725  (09112618)
        578825.01   4141856.41     3571.24293  (09112618)              578845.01
4141856.41     3366.28778  (14103118)
        578865.01   4141856.41     3435.43563  (14103118)              578885.01
4141856.41     3354.19858  (14103118)
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        578905.01   4141856.41     3328.18400  (12121918)               578925.01
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        578945.01   4141856.41     3535.71227  (14121218)               578965.01
4141856.41     3497.02039  (14121218)
        578985.01   4141856.41     3369.66353  (14121218)               579005.01
4141856.41     3204.13931  (14121218)
        579025.01   4141856.41     3020.50599  (14121218)               579045.01
4141856.41     2819.66895  (14121218)
        579065.01   4141856.41     2658.40364  (14020618)               579085.01
4141856.41     2618.40360  (13012318)
        579105.01   4141856.41     2600.64307  (13012318)               579125.01
4141856.41     2546.76224  (13012318)
        579145.01   4141856.41     2463.38764  (13012318)               579165.01
4141856.41     2357.68451  (13012318)
        579185.01   4141856.41     2233.16494  (13012318)               579205.01
4141856.41     2165.26143  (11121618)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                PAGE  1016
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                  PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                  HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
                  HAUL0015    , HAUL0016    , HAUL0017    , HAUL0018    , HAUL0019
, HAUL0020    , HAUL0021    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        579225.01   4141856.41     2206.96723  (11121618)               579245.01
4141856.41     2226.36127  (11121618)
        579265.01   4141856.41     2223.24854  (11121618)               579285.01
4141856.41     2198.58152  (11121618)
        579305.01   4141856.41     2157.24614  (11121618)               579325.01
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4141856.41 2101.05319 (11121618)
579345.01 4141856.41 2072.95391 (17112518) 578545.01
4141876.41 2956.86446 (12010318)
578565.01 4141876.41 3034.07496 (12010318) 578585.01
4141876.41 3050.87634 (12010318)
578605.01 4141876.41 3150.16961 (11112818) 578625.01
4141876.41 3287.56405 (11112818)
578645.01 4141876.41 3468.07932 (09010809) 578665.01
4141876.41 3627.23486 (09010809)
578685.01 4141876.41 3656.71069 (09010809) 578705.01
4141876.41 3541.52332 (16121017)
578725.01 4141876.41 3689.53296 (12112718) 578745.01
4141876.41 3826.32829 (12112718)
578765.01 4141876.41 3835.78617 (09112618) 578785.01
4141876.41 3790.58222 (09112618)
578805.01 4141876.41 3536.69787 (09112618) 578825.01
4141876.41 3142.08766 (16120918)
578845.01 4141876.41 3131.64690 (14103118) 578865.01
4141876.41 3190.29464 (14103118)
578885.01 4141876.41 3120.43324 (14103118) 578905.01
4141876.41 3051.58375 (12121918)
578925.01 4141876.41 3127.71634 (12121918) 578945.01
4141876.41 3254.27980 (14121218)
578965.01 4141876.41 3278.15581 (14121218) 578985.01
4141876.41 3197.87361 (14121218)
579005.01 4141876.41 3064.12208 (14121218) 579025.01
4141876.41 2904.45155 (14121218)
579045.01 4141876.41 2725.30567 (14121218) 579065.01
4141876.41 2558.87032 (14020618)
579085.01 4141876.41 2439.66573 (14020618) 579105.01
4141876.41 2434.05782 (13012318)
579125.01 4141876.41 2419.31638 (13012318) 579145.01
4141876.41 2370.09317 (13012318)
579165.01 4141876.41 2294.14803 (13012318) 579185.01
4141876.41 2197.92181 (13012318)
579205.01 4141876.41 2081.52333 (13012318) 579225.01
4141876.41 1977.72613 (11121618)
579245.01 4141876.41 2029.70757 (11121618) 579265.01
4141876.41 2059.66524 (11121618)
579285.01 4141876.41 2067.41592 (11121618) 579305.01
4141876.41 2057.78316 (11121618)
579325.01 4141876.41 2031.86182 (11121618) 579345.01
4141876.41 1989.54643 (11121618)
578545.01 4141896.41 2826.52307 (12010318) 578565.01
4141896.41 2814.47840 (12010318)
578585.01 4141896.41 2958.51426 (11112818) 578605.01
4141896.41 3068.22021 (11112818)
578625.01 4141896.41 3235.70788 (09010809) 578645.01
4141896.41 3373.40163 (09010809)
578665.01 4141896.41 3401.26720 (09010809) 578685.01

4141896.41   3293.42203 (16121017)
        578705.01   4141896.41   3378.85292 (12112718)   578725.01
4141896.41   3544.33595 (12112718)
        578745.01   4141896.41   3562.33443 (12112718)   578765.01
4141896.41   3590.37004 (09112618)
        578785.01   4141896.41   3452.22352 (09112618)   578805.01
4141896.41   3143.81799 (09112618)
        578825.01   4141896.41   2830.78194 (11112817)   578845.01
4141896.41   2928.59589 (14103118)
        578865.01   4141896.41   2977.83654 (14103118)   578885.01
4141896.41   2916.49715 (14103118)
        578905.01   4141896.41   2807.04401 (12121918)   578925.01
4141896.41   2914.48390 (12121918)
        578945.01   4141896.41   2988.50136 (14121218)   578965.01
4141896.41   3064.28695 (14121218)
        578985.01   4141896.41   3031.85235 (14121218)   579005.01
4141896.41   2931.91816 (14121218)
        579025.01   4141896.41   2795.28241 (14121218)   579045.01
4141896.41   2636.25686 (14121218)
        579065.01   4141896.41   2455.06859 (14020618)   579085.01
4141896.41   2361.80953 (14020618)
        579105.01   4141896.41   2247.37857 (13012318)   579125.01
4141896.41   2272.80356 (13012318)
        579145.01   4141896.41   2258.79142 (13012318)   579165.01
4141896.41   2214.24998 (13012318)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   DEMO1_1   , DEMO1_2
, BC1_1   , BC1_2   , GRADING   ,
                  PAV1_0   , ARCH   , HAUL0001   , HAUL0002   , HAUL0003
, HAUL0004   , HAUL0005   , HAUL0006   ,
                  HAUL0007   , HAUL0008   , HAUL0009   , HAUL0010   , HAUL0011
, HAUL0012   , HAUL0013   , HAUL0014   ,
                  HAUL0015   , HAUL0016   , HAUL0017   , HAUL0018   , HAUL0019
, HAUL0020   , HAUL0021   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579185.01	4141896.41	2145.93520	(13012318)	579205.01	4141896.41	2055.96612	(13012318)
579225.01	4141896.41	1946.71051	(13012318)	579245.01	4141896.41	1820.79356	(13012318)
579265.01	4141896.41	1869.64220	(11121618)	579285.01	4141896.41	1907.05677	(11121618)
579305.01	4141896.41	1926.95012	(11121618)	579325.01	4141896.41	1928.91959	(11121618)
579345.01	4141896.41	1914.66474	(11121618)	578565.01	4141916.41	2787.04075	(11112818)
578585.01	4141916.41	2873.77527	(11112818)	578605.01	4141916.41	3031.89508	(09010809)
578625.01	4141916.41	3152.77776	(09010809)	578645.01	4141916.41	3179.02660	(09010809)
578665.01	4141916.41	3074.55504	(16121017)	578685.01	4141916.41	3104.50768	(12112718)
578705.01	4141916.41	3283.61288	(12112718)	578725.01	4141916.41	3352.05869	(12112718)
578745.01	4141916.41	3371.63391	(09112618)	578765.01	4141916.41	3328.23518	(09112618)
578785.01	4141916.41	3121.22948	(09112618)	578805.01	4141916.41	2822.52118	(16120918)
578825.01	4141916.41	2614.86252	(11112817)	578845.01	4141916.41	2750.74240	(14103118)
578865.01	4141916.41	2792.02398	(14103118)	578885.01	4141916.41	2736.92020	(14103118)
578905.01	4141916.41	2609.92849	(14103118)	578925.01	4141916.41	2718.34347	(12121918)
578945.01	4141916.41	2740.21068	(14121218)	578965.01	4141916.41	2857.02688	(14121218)
578985.01	4141916.41	2867.57773	(14121218)	579005.01	4141916.41	2802.26958	(14121218)
579025.01	4141916.41	2691.91901	(14121218)	579045.01	4141916.41	2552.74927	(14121218)
579065.01	4141916.41	2390.15931	(14121218)	579085.01	4141916.41	2279.23984	(14020618)
579105.01	4141916.41	2186.61064	(14020618)	579125.01	4141916.41	2107.99443	(13012318)
579145.01	4141916.41	2130.08345	(13012318)	579165.01	4141916.41	2117.20832	(13012318)
579185.01	4141916.41	2077.26739	(13012318)	578386.27	4141125.26	1925.69940	(11122717)
578406.27	4141125.26	1879.89144	(11122717)	578426.27	4141125.26	1816.45623	(11122717)
578446.27	4141125.26	1730.45868	(11122717)	578466.27	4141125.26	1781.98003	(16020318)

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        578486.27   4141125.26     1836.48616  (16020318)                578506.27
4141125.26     1839.66608  (16020318)
        578526.27   4141125.26     1834.14899  (16020318)                578546.27
4141125.26     2018.26174  (14112017)
        578566.27   4141125.26     2172.38970  (14112017)                578586.27
4141125.26     2264.02091  (14112017)
        578606.27   4141125.26     2356.51793  (09012117)                578626.27
4141125.26     2467.20804  (09012117)
        578646.27   4141125.26     2490.60470  (09012117)                578666.27
4141125.26     2418.02861  (09012117)
        578686.27   4141125.26     2419.57087  (14121217)                578706.27
4141125.26     2456.84290  (14121217)
        578726.27   4141125.26     2418.60166  (14121217)                578746.27
4141125.26     2415.78891  (11010818)
        578766.27   4141125.26     2458.21884  (14010318)                578786.27
4141125.26     2475.35344  (14010318)
        578806.27   4141125.26     2443.17277  (14010318)                578826.27
4141125.26     2444.82627  (16120717)
        578846.27   4141125.26     2438.81229  (16120717)                578866.27
4141125.26     2431.41582  (09013118)
        578886.27   4141125.26     2465.26390  (09013118)                578906.27
4141125.26     2464.69637  (09013118)
        578926.27   4141125.26     2444.86917  (10120918)                578946.27
4141125.26     2420.72850  (10120918)
        578966.27   4141125.26     2467.25790  (09011617)                578986.27
4141125.26     2504.43680  (09011617)
        579006.27   4141125.26     2508.31642  (09011617)                579026.27
4141125.26     2465.66200  (09011617)
        579046.27   4141125.26     2470.70322  (16010818)                579066.27
4141125.26     2482.75923  (16010818)
        579086.27   4141125.26     2500.07992  (10121417)                579106.27
4141125.26     2475.00186  (10121417)
        579126.27   4141125.26     2419.00160  (11112917)                579146.27
4141125.26     2381.80088  (11010718)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                PAGE  1018
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     DEMO1_1     , DEMO1_2
, BC1_1       , BC1_2       , GRADING     ,
                  PAV1_0      , ARCH        , HAUL0001    , HAUL0002    , HAUL0003
, HAUL0004    , HAUL0005    , HAUL0006    ,
                  HAUL0007    , HAUL0008    , HAUL0009    , HAUL0010    , HAUL0011
, HAUL0012    , HAUL0013    , HAUL0014    ,
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HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019
, HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
579166.27	4141125.26	2388.88211	(12111418)	579186.27	4141125.26	2374.19068	(12111418)
579206.27	4141125.26	2376.86767	(09011017)	578386.27	4141145.26	2030.10597	(11122717)
578406.27	4141145.26	2015.86798	(11122717)	578426.27	4141145.26	1971.13381	(11122717)
578446.27	4141145.26	1909.35497	(11122717)	578466.27	4141145.26	1820.63737	(11122717)
578486.27	4141145.26	1868.73047	(16020318)	578506.27	4141145.26	1905.25876	(16020318)
578526.27	4141145.26	1913.67883	(16020318)	578546.27	4141145.26	1969.28269	(14112017)
578566.27	4141145.26	2162.49936	(14112017)	578586.27	4141145.26	2300.78949	(14112017)
578606.27	4141145.26	2391.84257	(09012117)	578626.27	4141145.26	2502.33251	(09012117)
578646.27	4141145.26	2560.56464	(09012117)	578666.27	4141145.26	2583.54757	(09012117)
578686.27	4141145.26	2514.43988	(09012117)	578706.27	4141145.26	2560.94722	(14121217)
578726.27	4141145.26	2504.17705	(14121217)	578746.27	4141145.26	2506.45395	(11010818)
578766.27	4141145.26	2555.52326	(14010318)	578786.27	4141145.26	2581.30441	(14010318)
578806.27	4141145.26	2549.52620	(14010318)	578826.27	4141145.26	2544.86760	(16120717)
578846.27	4141145.26	2536.92324	(16120717)	578866.27	4141145.26	2533.57934	(09013118)
578886.27	4141145.26	2564.27140	(09013118)	578906.27	4141145.26	2560.74863	(09013118)
578926.27	4141145.26	2539.74544	(10120918)	578946.27	4141145.26	2515.21609	(10120918)
578966.27	4141145.26	2577.19523	(09011617)	578986.27	4141145.26	2611.45375	(09011617)
579006.27	4141145.26	2611.06470	(09011617)	579026.27	4141145.26	2558.01193	(09011617)
579046.27	4141145.26	2584.71134	(16010818)	579066.27			

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4141145.26     2590.09096  (10121417)
        579086.27   4141145.26     2611.68711  (10121417)                579106.27
4141145.26     2559.11139  (10121417)
        579126.27   4141145.26     2508.10372  (11112917)                579146.27
4141145.26     2492.24921  (13113018)
        579166.27   4141145.26     2500.99209  (12111418)                579186.27
4141145.26     2484.66804  (09011017)
        579206.27   4141145.26     2468.66766  (09011017)                578723.62
4141929.59     3208.64444  (12112718)
        578743.62   4141929.59     3245.75614  (09112618)                578763.62
4141929.59     3162.61050  (09112618)
        578783.62   4141929.59     2930.73597  (09112618)                578803.62
4141929.59     2654.64220  (14120418)
        578823.62   4141929.59     2498.17180  (14103118)                578843.62
4141929.59     2638.52828  (14103118)
        578863.62   4141929.59     2682.10540  (14103118)                578883.62
4141929.59     2635.34621  (14103118)
        578903.62   4141929.59     2519.16472  (14103118)                578923.62
4141929.59     2592.03134  (12121918)
        578943.62   4141929.59     2630.53084  (12121918)                578963.62
4141929.59     2718.39580  (14121218)
        578983.62   4141929.59     2760.89154  (14121218)                579003.62
4141929.59     2722.83049  (14121218)
        579023.62   4141929.59     2632.25917  (14121218)                579043.62
4141929.59     2508.81043  (14121218)
        579063.62   4141929.59     2360.31387  (14121218)                579083.62
4141929.59     2226.30796  (14020618)
        579103.62   4141929.59     2149.77566  (14020618)                579123.62
4141929.59     2049.90308  (14020618)
        579143.62   4141929.59     2033.52429  (13012318)                579163.62
4141929.59     2044.35561  (13012318)
        579183.62   4141929.59     2025.27927  (13012318)                578725.67
4141942.60     3109.02863  (09112618)
        578745.67   4141942.60     3109.59033  (09112618)                578765.67
4141942.60     2968.22547  (09112618)
        578785.67   4141942.60     2726.37439  (16120918)                578805.67
4141942.60     2472.39982  (11112817)
        578825.67   4141942.60     2430.92577  (14103118)                578845.67
4141942.60     2550.12742  (14103118)
        578865.67   4141942.60     2580.01920  (14103118)                578885.67
4141942.60     2527.43876  (14103118)
        578905.67   4141942.60     2411.37779  (14103118)                578925.67
4141942.60     2488.97809  (12121918)
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

                                PAGE  1019
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING , PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 , HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 , HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578945.67	4141942.60	2532.86802	(12121918)	578965.67	4141942.60	2600.81280	(14121218)
578985.67	4141942.60	2656.18777	(14121218)	579005.67	4141942.60	2633.21119	(14121218)
579025.67	4141942.60	2555.81849	(14121218)	579045.67	4141942.60	2442.81467	(14121218)
579065.67	4141942.60	2303.93802	(14121218)	579085.67	4141942.60	2161.22022	(14020618)
579105.67	4141942.60	2097.14824	(14020618)	579125.67	4141942.60	2007.97771	(14020618)
579145.67	4141942.60	1937.44710	(13012318)	579165.67	4141942.60	1965.04989	(13012318)
579185.67	4141942.60	1962.08455	(13012318)	578745.52	4141955.60	2970.60296	(09112618)
578765.52	4141955.60	2794.24946	(09112618)	578785.52	4141955.60	2565.62063	(16120918)
578805.52	4141955.60	2365.80067	(11112817)	578825.52	4141955.60	2349.78255	(14103118)
578845.52	4141955.60	2459.56421	(14103118)	578865.52	4141955.60	2485.95377	(14103118)
578885.52	4141955.60	2436.32889	(14103118)	578905.52	4141955.60	2325.59360	(14103118)
578925.52	4141955.60	2382.43911	(12121918)	578945.52	4141955.60	2440.63247	(12121918)
578965.52	4141955.60	2477.72083	(14121218)	578985.52	4141955.60	2553.25898	(14121218)
579005.52	4141955.60	2550.98039	(14121218)	579025.52	4141955.60	2491.38381	(14121218)

579045.52 4141955.60 2392.73987 (14121218) 579065.52 4141955.60 2265.67563 (14121218)
579085.52 4141955.60 2114.40682 (14121218) 579105.52 4141955.60 2052.00382 (14020618)
579125.52 4141955.60 1976.19119 (14020618) 579145.52 4141955.60 1878.20695 (14020618)
579165.52 4141955.60 1880.28327 (13012318) 579185.52 4141955.60 1895.73932 (13012318)
578785.22 4141971.34 2389.73129 (14120418) 578805.22 4141971.34 2243.64990 (11112817)
578825.22 4141971.34 2257.02455 (14103118) 578845.22 4141971.34 2357.27274 (14103118)
578865.22 4141971.34 2380.31576 (14103118) 578885.22 4141971.34 2334.57740 (14103118)
578905.22 4141971.34 2229.76499 (14103118) 578925.22 4141971.34 2260.12305 (12121918)
578945.22 4141971.34 2333.46433 (12121918) 578965.22 4141971.34 2333.51018 (14121218)
578985.22 4141971.34 2430.61605 (14121218) 579005.22 4141971.34 2451.82973 (14121218)
579025.22 4141971.34 2413.32670 (14121218) 579045.22 4141971.34 2332.20260 (14121218)
579065.22 4141971.34 2220.04006 (14121218) 579085.22 4141971.34 2082.55847 (14121218)
579105.22 4141971.34 1993.28623 (14020618) 579125.22 4141971.34 1934.77689 (14020618)
579145.22 4141971.34 1851.91052 (14020618) 579165.22 4141971.34 1769.84845 (13012318)
579185.22 4141971.34 1806.30388 (13012318) 578790.01 4141986.40 2194.53213 (11112817)
578810.01 4141986.40 2104.31301 (11112817) 578830.01 4141986.40 2204.77329 (14103118)
578850.01 4141986.40 2278.51962 (14103118) 578870.01 4141986.40 2282.52594 (14103118)
578890.01 4141986.40 2223.53752 (14103118) 578910.01 4141986.40 2111.57787 (14103118)
578930.01 4141986.40 2179.05204 (12121918) 578950.01 4141986.40 2244.88912 (12121918)
578970.01 4141986.40 2240.62718 (12121918) 578990.01 4141986.40 2332.83437 (14121218)
579010.01 4141986.40 2357.61136 (14121218) 579030.01 4141986.40 2325.55843 (14121218)
579050.01 4141986.40 2251.32781 (14121218) 579070.01 4141986.40 2146.31168 (14121218)
579090.01 4141986.40 2016.00804 (14121218) 579110.01 4141986.40 1925.15728 (14020618)
579130.01 4141986.40 1875.64413 (14020618) 579150.01 4141986.40 1802.06535 (14020618)
579170.01 4141986.40 1708.12050 (14020618) 579190.01 4141986.40 1722.25754 (13012318)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): DEMO1_1 , DEMO1_2 , BC1_1 , BC1_2 , GRADING ,
PAV1_0 , ARCH , HAUL0001 , HAUL0002 , HAUL0003 , HAUL0004 , HAUL0005 , HAUL0006 ,
HAUL0007 , HAUL0008 , HAUL0009 , HAUL0010 , HAUL0011 , HAUL0012 , HAUL0013 , HAUL0014 ,
HAUL0015 , HAUL0016 , HAUL0017 , HAUL0018 , HAUL0019 , HAUL0020 , HAUL0021 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
578810.54	4142001.46	2002.10416	(14103118)	578830.54	4142001.46	2129.85067	(14103118)
578850.54	4142001.46	2194.41850	(14103118)	578870.54	4142001.46	2195.17748	(14103118)
578890.54	4142001.46	2136.44975	(14103118)	578910.54	4142001.46	2027.84819	(14103118)
578930.54	4142001.46	2082.07337	(12121918)	578950.54	4142001.46	2155.68485	(12121918)
578970.54	4142001.46	2162.92413	(12121918)	578990.54	4142001.46	2228.05098	(14121218)
579010.54	4142001.46	2269.11824	(14121218)	579030.54	4142001.46	2252.86069	(14121218)
579050.54	4142001.46	2192.96233	(14121218)	579070.54	4142001.46	2100.12206	(14121218)
579090.54	4142001.46	1981.17018	(14121218)	579110.54	4142001.46	1863.97680	(14020618)
579130.54	4142001.46	1829.54021	(14020618)	579150.54	4142001.46	1769.62452	(14020618)
579170.54	4142001.46	1688.03798	(14020618)	579190.54	4142001.46	1629.26281	(13012318)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD (78888
HRS) RESULTS ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
              **

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

SRCGP1   1ST HIGHEST VALUE IS   21.68377 AT (579025.01, 4141436.41,   6.00,
    6.00,   1.50) DC
          2ND HIGHEST VALUE IS   19.57121 AT (579025.01, 4141416.41,   6.04,
    6.04,   1.50) DC
          3RD HIGHEST VALUE IS   17.25979 AT (579005.01, 4141396.41,   6.09,
    6.09,   1.50) DC
          4TH HIGHEST VALUE IS   16.18176 AT (579025.01, 4141396.41,   6.10,
    6.10,   1.50) DC
          5TH HIGHEST VALUE IS   13.79957 AT (579005.01, 4141376.41,   6.19,
    6.19,   1.50) DC
          6TH HIGHEST VALUE IS   13.27255 AT (579045.01, 4141436.41,   5.90,
    5.90,   1.50) DC
          7TH HIGHEST VALUE IS   13.24301 AT (579045.01, 4141416.41,   6.10,
    6.10,   1.50) DC
          8TH HIGHEST VALUE IS   13.15386 AT (579025.01, 4141376.41,   6.13,
    6.13,   1.50) DC
          9TH HIGHEST VALUE IS   12.39013 AT (579045.01, 4141456.41,   5.70,
    5.70,   1.50) DC
         10TH HIGHEST VALUE IS   12.29499 AT (579045.01, 4141396.41,   6.12,
    6.12,   1.50) DC

SRCGP2   1ST HIGHEST VALUE IS   34.52344 AT (579025.01, 4141436.41,   6.00,
    6.00,   1.50) DC
          2ND HIGHEST VALUE IS   25.59933 AT (579025.01, 4141416.41,   6.04,
    6.04,   1.50) DC
          3RD HIGHEST VALUE IS   19.67498 AT (579005.01, 4141396.41,   6.09,
    6.09,   1.50) DC
          4TH HIGHEST VALUE IS   18.82499 AT (579025.01, 4141396.41,   6.10,
    6.10,   1.50) DC

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           5TH HIGHEST VALUE IS      15.75711 AT (  579045.01,  4141436.41,     5.90,
    5.90,    1.50)  DC
           6TH HIGHEST VALUE IS      15.09333 AT (  579005.01,  4141376.41,     6.19,
    6.19,    1.50)  DC
           7TH HIGHEST VALUE IS      15.06064 AT (  579045.01,  4141416.41,     6.10,
    6.10,    1.50)  DC
           8TH HIGHEST VALUE IS      14.59061 AT (  579025.01,  4141376.41,     6.13,
    6.13,    1.50)  DC
           9TH HIGHEST VALUE IS      14.43284 AT (  579045.01,  4141456.41,     5.70,
    5.70,    1.50)  DC
          10TH HIGHEST VALUE IS      13.49897 AT (  579045.01,  4141396.41,     6.12,
    6.12,    1.50)  DC

SRCGP3     1ST HIGHEST VALUE IS       7.42608 AT (  578745.01,  4141596.41,     6.22,
    6.22,    1.50)  DC
           2ND HIGHEST VALUE IS       6.24604 AT (  578945.01,  4141236.41,     7.29,
    7.29,    1.50)  DC
           3RD HIGHEST VALUE IS       6.22821 AT (  578745.01,  4141616.41,     6.32,
    6.32,    1.50)  DC
           4TH HIGHEST VALUE IS       6.18667 AT (  578965.01,  4141256.41,     7.10,
    7.10,    1.50)  DC
           5TH HIGHEST VALUE IS       5.92956 AT (  578925.01,  4141216.41,     7.55,
    7.55,    1.50)  DC
           6TH HIGHEST VALUE IS       5.72277 AT (  578985.01,  4141276.41,     6.95,
    6.95,    1.50)  DC
           7TH HIGHEST VALUE IS       5.70557 AT (  578965.01,  4141236.41,     7.15,
    7.15,    1.50)  DC
           8TH HIGHEST VALUE IS       5.66387 AT (  578945.01,  4141216.41,     7.44,
    7.44,    1.50)  DC
           9TH HIGHEST VALUE IS       5.65296 AT (  578725.01,  4141596.41,     6.48,
    6.48,    1.50)  DC
          10TH HIGHEST VALUE IS       5.40213 AT (  578985.01,  4141256.41,     6.89,
    6.89,    1.50)  DC

SRCGP4     1ST HIGHEST VALUE IS       9.34551 AT (  578745.01,  4141596.41,     6.22,
    6.22,    1.50)  DC
           2ND HIGHEST VALUE IS       7.45559 AT (  578745.01,  4141616.41,     6.32,
    6.32,    1.50)  DC
           3RD HIGHEST VALUE IS       6.85766 AT (  578945.01,  4141236.41,     7.29,
    7.29,    1.50)  DC
           4TH HIGHEST VALUE IS       6.70776 AT (  578725.01,  4141596.41,     6.48,
    6.48,    1.50)  DC
           5TH HIGHEST VALUE IS       6.66966 AT (  578925.01,  4141216.41,     7.55,
    7.55,    1.50)  DC
           6TH HIGHEST VALUE IS       6.55762 AT (  578965.01,  4141256.41,     7.10,
    7.10,    1.50)  DC
           7TH HIGHEST VALUE IS       6.27290 AT (  578945.01,  4141216.41,     7.44,
    7.44,    1.50)  DC
           8TH HIGHEST VALUE IS       6.11295 AT (  578965.01,  4141236.41,     7.15,
    7.15,    1.50)  DC
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*** THE SUMMARY OF MAXIMUM PERIOD (78888 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
SRCGP5	1ST HIGHEST VALUE IS	48.06096 AT (579025.01, 4141436.41, 6.00, 6.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	43.14881 AT (579025.01, 4141416.41, 6.04, 6.04, 1.50)	DC	
	3RD HIGHEST VALUE IS	33.71371 AT (579025.01, 4141396.41, 6.10, 6.10, 1.50)	DC	
	4TH HIGHEST VALUE IS	32.27684 AT (579005.01, 4141396.41, 6.09, 6.09, 1.50)	DC	
	5TH HIGHEST VALUE IS	29.70444 AT (579045.01, 4141436.41, 5.90, 5.90, 1.50)	DC	
	6TH HIGHEST VALUE IS	29.08138 AT (579045.01, 4141416.41, 6.10, 6.10, 1.50)	DC	
	7TH HIGHEST VALUE IS	27.73454 AT (579045.01, 4141456.41, 5.70, 5.70, 1.50)	DC	
	8TH HIGHEST VALUE IS	25.98210 AT (579045.01, 4141396.41, 6.12, 6.12, 1.50)	DC	
	9TH HIGHEST VALUE IS	25.20684 AT (579025.01, 4141376.41, 6.13, 6.13, 1.50)	DC	
	10TH HIGHEST VALUE IS	23.21367 AT (579005.01, 4141376.41, 6.19, 6.19, 1.50)	DC	
SRCGP6	1ST HIGHEST VALUE IS	88.69138 AT (579025.01, 4141436.41, 6.00, 6.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	60.81527 AT (579025.01, 4141416.41, 6.04,		

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    6.04,    1.50)  DC
          3RD HIGHEST VALUE IS      41.32750 AT (  579025.01,  4141396.41,     6.10,
    6.10,    1.50)  DC
          4TH HIGHEST VALUE IS      38.84734 AT (  579005.01,  4141396.41,     6.09,
    6.09,    1.50)  DC
          5TH HIGHEST VALUE IS      37.19175 AT (  579045.01,  4141436.41,     5.90,
    5.90,    1.50)  DC
          6TH HIGHEST VALUE IS      34.40486 AT (  579045.01,  4141416.41,     6.10,
    6.10,    1.50)  DC
          7TH HIGHEST VALUE IS      34.07634 AT (  579045.01,  4141456.41,     5.70,
    5.70,    1.50)  DC
          8TH HIGHEST VALUE IS      29.67574 AT (  579045.01,  4141396.41,     6.12,
    6.12,    1.50)  DC
          9TH HIGHEST VALUE IS      29.44452 AT (  579025.01,  4141376.41,     6.13,
    6.13,    1.50)  DC
         10TH HIGHEST VALUE IS      26.50327 AT (  579005.01,  4141376.41,     6.19,
    6.19,    1.50)  DC

SRCGP7    1ST HIGHEST VALUE IS      40.28630 AT (  579065.01,  4141476.41,     5.45,
    5.45,    1.50)  DC
          2ND HIGHEST VALUE IS      33.74286 AT (  579045.01,  4141456.41,     5.70,
    5.70,    1.50)  DC
          3RD HIGHEST VALUE IS      31.67029 AT (  579065.01,  4141456.41,     5.47,
    5.47,    1.50)  DC
          4TH HIGHEST VALUE IS      30.28587 AT (  579085.01,  4141496.41,     5.28,
    5.28,    1.50)  DC
          5TH HIGHEST VALUE IS      29.11728 AT (  579085.01,  4141516.41,     5.34,
    5.34,    1.50)  DC
          6TH HIGHEST VALUE IS      28.22192 AT (  579085.01,  4141476.41,     5.37,
    5.37,    1.50)  DC
          7TH HIGHEST VALUE IS      25.78846 AT (  579045.01,  4141436.41,     5.90,
    5.90,    1.50)  DC
          8TH HIGHEST VALUE IS      25.05083 AT (  579065.01,  4141436.41,     5.87,
    5.87,    1.50)  DC
          9TH HIGHEST VALUE IS      24.76749 AT (  579085.01,  4141456.41,     5.56,
    5.56,    1.50)  DC
         10TH HIGHEST VALUE IS      23.47962 AT (  579025.01,  4141436.41,     6.00,
    6.00,    1.50)  DC

SRCGP8    1ST HIGHEST VALUE IS      45.99388 AT (  579065.01,  4141476.41,     5.45,
    5.45,    1.50)  DC
          2ND HIGHEST VALUE IS      38.19864 AT (  579045.01,  4141456.41,     5.70,
    5.70,    1.50)  DC
          3RD HIGHEST VALUE IS      35.57278 AT (  579065.01,  4141456.41,     5.47,
    5.47,    1.50)  DC
          4TH HIGHEST VALUE IS      33.68186 AT (  579085.01,  4141516.41,     5.34,
    5.34,    1.50)  DC
          5TH HIGHEST VALUE IS      32.96512 AT (  579085.01,  4141496.41,     5.28,
    5.28,    1.50)  DC
          6TH HIGHEST VALUE IS      30.21039 AT (  579085.01,  4141476.41,     5.37,
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*** THE SUMMARY OF MAXIMUM PERIOD (78888 HRS) RESULTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
SRCGP9	1ST HIGHEST VALUE IS	8.97150	AT (579025.01, 4141436.41, 6.00, 6.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	8.77745	AT (579005.01, 4141396.41, 6.09, 6.09, 1.50)	DC	
	3RD HIGHEST VALUE IS	8.34192	AT (579025.01, 4141416.41, 6.04, 6.04, 1.50)	DC	
	4TH HIGHEST VALUE IS	7.83194	AT (579005.01, 4141376.41, 6.19, 6.19, 1.50)	DC	
	5TH HIGHEST VALUE IS	7.68473	AT (579025.01, 4141396.41, 6.10, 6.10, 1.50)	DC	
	6TH HIGHEST VALUE IS	7.23618	AT (579045.01, 4141456.41, 5.70, 5.70, 1.50)	DC	
	7TH HIGHEST VALUE IS	7.07586	AT (579045.01, 4141436.41, 5.90, 5.90, 1.50)	DC	
	8TH HIGHEST VALUE IS	7.04004	AT (579025.01, 4141376.41, 6.13, 6.13, 1.50)	DC	
	9TH HIGHEST VALUE IS	6.80182	AT (579045.01, 4141416.41, 6.10, 6.10, 1.50)	DC	
	10TH HIGHEST VALUE IS	6.46493	AT (579045.01, 4141396.41, 6.12,		

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    6.12,    1.50)  DC

SRCGP10   1ST HIGHEST VALUE IS      9.69346 AT (  579005.01,  4141396.41,     6.09,
    6.09,    1.50)  DC
          2ND HIGHEST VALUE IS      9.05129 AT (  579025.01,  4141436.41,     6.00,
    6.00,    1.50)  DC
          3RD HIGHEST VALUE IS      8.76505 AT (  579005.01,  4141376.41,     6.19,
    6.19,    1.50)  DC
          4TH HIGHEST VALUE IS      8.60484 AT (  579025.01,  4141416.41,     6.04,
    6.04,    1.50)  DC
          5TH HIGHEST VALUE IS      8.09381 AT (  579025.01,  4141396.41,     6.10,
    6.10,    1.50)  DC
          6TH HIGHEST VALUE IS      7.55631 AT (  579025.01,  4141376.41,     6.13,
    6.13,    1.50)  DC
          7TH HIGHEST VALUE IS      7.00972 AT (  579025.01,  4141356.41,     6.27,
    6.27,    1.50)  DC
          8TH HIGHEST VALUE IS      6.85042 AT (  578865.01,  4141736.41,     5.21,
    5.21,    1.50)  DC
          9TH HIGHEST VALUE IS      6.83691 AT (  579045.01,  4141456.41,     5.70,
    5.70,    1.50)  DC
         10TH HIGHEST VALUE IS      6.81107 AT (  579045.01,  4141436.41,     5.90,
    5.90,    1.50)  DC

SRCGP11   1ST HIGHEST VALUE IS     37.70357 AT (  579005.01,  4141396.41,     6.09,
    6.09,    1.50)  DC
          2ND HIGHEST VALUE IS     33.85962 AT (  579025.01,  4141436.41,     6.00,
    6.00,    1.50)  DC
          3RD HIGHEST VALUE IS     31.94641 AT (  579025.01,  4141416.41,     6.04,
    6.04,    1.50)  DC
          4TH HIGHEST VALUE IS     31.41545 AT (  579005.01,  4141376.41,     6.19,
    6.19,    1.50)  DC
          5TH HIGHEST VALUE IS     28.91626 AT (  579025.01,  4141396.41,     6.10,
    6.10,    1.50)  DC
          6TH HIGHEST VALUE IS     25.69583 AT (  579025.01,  4141376.41,     6.13,
    6.13,    1.50)  DC
          7TH HIGHEST VALUE IS     22.67409 AT (  579025.01,  4141356.41,     6.27,
    6.27,    1.50)  DC
          8TH HIGHEST VALUE IS     20.64302 AT (  579045.01,  4141416.41,     6.10,
    6.10,    1.50)  DC
          9TH HIGHEST VALUE IS     20.34827 AT (  579045.01,  4141396.41,     6.12,
    6.12,    1.50)  DC
         10TH HIGHEST VALUE IS     20.03898 AT (  579045.01,  4141436.41,     5.90,
    5.90,    1.50)  DC

SRCGP14   1ST HIGHEST VALUE IS     41.34368 AT (  579005.01,  4141396.41,     6.09,
    6.09,    1.50)  DC
          2ND HIGHEST VALUE IS     37.09557 AT (  579025.01,  4141436.41,     6.00,
    6.00,    1.50)  DC
          3RD HIGHEST VALUE IS     34.12261 AT (  579005.01,  4141376.41,     6.19,
    6.19,    1.50)  DC
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          4TH HIGHEST VALUE IS      34.02261 AT (  579025.01,  4141416.41,     6.04,
    6.04,    1.50)  DC
          5TH HIGHEST VALUE IS      30.51311 AT (  579025.01,  4141396.41,     6.10,
    6.10,    1.50)  DC
          6TH HIGHEST VALUE IS      27.13486 AT (  579025.01,  4141376.41,     6.13,
    6.13,    1.50)  DC
          7TH HIGHEST VALUE IS      24.06713 AT (  579025.01,  4141356.41,     6.27,
    6.27,    1.50)  DC
          8TH HIGHEST VALUE IS      21.35402 AT (  579025.01,  4141336.41,     6.59,
    6.59,    1.50)  DC
          9TH HIGHEST VALUE IS      20.51998 AT (  579045.01,  4141416.41,     6.10,
    6.10,    1.50)  DC
         10TH HIGHEST VALUE IS      20.28229 AT (  579045.01,  4141396.41,     6.12,
    6.12,    1.50)  DC
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 78888
HRS) RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


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

SRCGP15   1ST HIGHEST VALUE IS      35.56539 AT (  579045.01,  4141456.41,     5.70,
    5.70,    1.50)  DC
          2ND HIGHEST VALUE IS      30.68158 AT (  579065.01,  4141476.41,     5.45,
    5.45,    1.50)  DC
          3RD HIGHEST VALUE IS      29.02863 AT (  579025.01,  4141436.41,     6.00,
    6.00,    1.50)  DC
          4TH HIGHEST VALUE IS      28.17880 AT (  579045.01,  4141436.41,     5.90,
    5.90,    1.50)  DC
          5TH HIGHEST VALUE IS      27.36363 AT (  579065.01,  4141456.41,     5.47,
    5.47,    1.50)  DC
          6TH HIGHEST VALUE IS      23.52994 AT (  579065.01,  4141436.41,     5.87,
    5.87,    1.50)  DC
          7TH HIGHEST VALUE IS      22.55340 AT (  579045.01,  4141416.41,     6.10,
    6.10,    1.50)  DC
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          8TH HIGHEST VALUE IS      22.43208 AT (  579025.01,  4141416.41,     6.04,
    6.04,    1.50)  DC
          9TH HIGHEST VALUE IS      20.00149 AT (  579065.01,  4141416.41,     6.17,
    6.17,    1.50)  DC
         10TH HIGHEST VALUE IS      18.84655 AT (  579085.01,  4141476.41,     5.37,
    5.37,    1.50)  DC

SRCGP16   1ST HIGHEST VALUE IS      40.20486 AT (  579045.01,  4141456.41,     5.70,
    5.70,    1.50)  DC
          2ND HIGHEST VALUE IS      33.40487 AT (  579025.01,  4141436.41,     6.00,
    6.00,    1.50)  DC
          3RD HIGHEST VALUE IS      32.10658 AT (  579045.01,  4141436.41,     5.90,
    5.90,    1.50)  DC
          4TH HIGHEST VALUE IS      32.07501 AT (  579065.01,  4141476.41,     5.45,
    5.45,    1.50)  DC
          5TH HIGHEST VALUE IS      29.07498 AT (  579065.01,  4141456.41,     5.47,
    5.47,    1.50)  DC
          6TH HIGHEST VALUE IS      25.91199 AT (  579045.01,  4141416.41,     6.10,
    6.10,    1.50)  DC
          7TH HIGHEST VALUE IS      25.76641 AT (  579025.01,  4141416.41,     6.04,
    6.04,    1.50)  DC
          8TH HIGHEST VALUE IS      25.49222 AT (  579065.01,  4141436.41,     5.87,
    5.87,    1.50)  DC
          9TH HIGHEST VALUE IS      22.08847 AT (  579065.01,  4141416.41,     6.17,
    6.17,    1.50)  DC
         10TH HIGHEST VALUE IS      21.16473 AT (  579045.01,  4141396.41,     6.12,
    6.12,    1.50)  DC

SRCGP17   1ST HIGHEST VALUE IS       8.91519 AT (  579005.01,  4141396.41,     6.09,
    6.09,    1.50)  DC
          2ND HIGHEST VALUE IS       8.15650 AT (  579005.01,  4141376.41,     6.19,
    6.19,    1.50)  DC
          3RD HIGHEST VALUE IS       8.04710 AT (  579025.01,  4141436.41,     6.00,
    6.00,    1.50)  DC
          4TH HIGHEST VALUE IS       7.76565 AT (  579025.01,  4141416.41,     6.04,
    6.04,    1.50)  DC
          5TH HIGHEST VALUE IS       7.38974 AT (  579025.01,  4141396.41,     6.10,
    6.10,    1.50)  DC
          6TH HIGHEST VALUE IS       6.95866 AT (  579025.01,  4141376.41,     6.13,
    6.13,    1.50)  DC
          7TH HIGHEST VALUE IS       6.49412 AT (  579025.01,  4141356.41,     6.27,
    6.27,    1.50)  DC
          8TH HIGHEST VALUE IS       6.16661 AT (  579045.01,  4141436.41,     5.90,
    5.90,    1.50)  DC
          9TH HIGHEST VALUE IS       6.11780 AT (  579045.01,  4141456.41,     5.70,
    5.70,    1.50)  DC
         10TH HIGHEST VALUE IS       6.11140 AT (  579045.01,  4141416.41,     6.10,
    6.10,    1.50)  DC

SRCGP18   1ST HIGHEST VALUE IS       9.34901 AT (  579005.01,  4141396.41,     6.09,
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6.09,   1.50) DC
      2ND HIGHEST VALUE IS   8.70775 AT (579005.01, 4141376.41,   6.19,
6.19,   1.50) DC
      3RD HIGHEST VALUE IS   7.78761 AT (579025.01, 4141436.41,   6.00,
6.00,   1.50) DC
      4TH HIGHEST VALUE IS   7.65568 AT (579025.01, 4141416.41,   6.04,
6.04,   1.50) DC
      5TH HIGHEST VALUE IS   7.41775 AT (579025.01, 4141396.41,   6.10,
6.10,   1.50) DC
      6TH HIGHEST VALUE IS   7.11129 AT (579025.01, 4141376.41,   6.13,
6.13,   1.50) DC
      7TH HIGHEST VALUE IS   6.75653 AT (579025.01, 4141356.41,   6.27,
6.27,   1.50) DC
      8TH HIGHEST VALUE IS   6.37234 AT (579025.01, 4141336.41,   6.59,
6.59,   1.50) DC
      9TH HIGHEST VALUE IS   6.25974 AT (579005.01, 4141296.41,   6.77,
6.77,   1.50) DC
     10TH HIGHEST VALUE IS   5.99529 AT (578985.01, 4141276.41,   6.95,
6.95,   1.50) DC

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                    *** THE SUMMARY OF MAXIMUM PERIOD (78888
HRS) RESULTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

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

SRCGP19   1ST HIGHEST VALUE IS   7.26963 AT (579005.01, 4141396.41,   6.09,
    6.09,   1.50) DC
      2ND HIGHEST VALUE IS   7.04203 AT (578745.01, 4141596.41,   6.22,
    6.22,   1.50) DC
      3RD HIGHEST VALUE IS   6.81849 AT (579005.01, 4141376.41,   6.19,
    6.19,   1.50) DC
      4TH HIGHEST VALUE IS   5.89001 AT (578745.01, 4141616.41,   6.32,
    6.32,   1.50) DC
      5TH HIGHEST VALUE IS   5.67486 AT (579025.01, 4141436.41,   6.00,

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    6.00,    1.50)  DC
          6TH HIGHEST VALUE IS       5.67035 AT (  578725.01,  4141596.41,     6.48,
    6.48,    1.50)  DC
          7TH HIGHEST VALUE IS       5.66570 AT (  579025.01,  4141416.41,     6.04,
    6.04,    1.50)  DC
          8TH HIGHEST VALUE IS       5.63957 AT (  578965.01,  4141256.41,     7.10,
    7.10,    1.50)  DC
          9TH HIGHEST VALUE IS       5.59024 AT (  578985.01,  4141276.41,     6.95,
    6.95,    1.50)  DC
         10TH HIGHEST VALUE IS       5.55196 AT (  579025.01,  4141396.41,     6.10,
    6.10,    1.50)  DC

SRCGP20   1ST HIGHEST VALUE IS      10.70088 AT (  578745.01,  4141596.41,     6.22,
    6.22,    1.50)  DC
          2ND HIGHEST VALUE IS       7.64169 AT (  578725.01,  4141596.41,     6.48,
    6.48,    1.50)  DC
          3RD HIGHEST VALUE IS       7.58002 AT (  578745.01,  4141616.41,     6.32,
    6.32,    1.50)  DC
          4TH HIGHEST VALUE IS       7.35067 AT (  579005.01,  4141396.41,     6.09,
    6.09,    1.50)  DC
          5TH HIGHEST VALUE IS       6.86371 AT (  579005.01,  4141376.41,     6.19,
    6.19,    1.50)  DC
          6TH HIGHEST VALUE IS       6.34004 AT (  578705.01,  4141576.41,     6.64,
    6.64,    1.50)  DC
          7TH HIGHEST VALUE IS       6.02933 AT (  578965.01,  4141256.41,     7.10,
    7.10,    1.50)  DC
          8TH HIGHEST VALUE IS       5.93523 AT (  578945.01,  4141236.41,     7.29,
    7.29,    1.50)  DC
          9TH HIGHEST VALUE IS       5.90130 AT (  578725.01,  4141616.41,     6.27,
    6.27,    1.50)  DC
         10TH HIGHEST VALUE IS       5.84243 AT (  578985.01,  4141276.41,     6.95,
    6.95,    1.50)  DC

SRCGP21   1ST HIGHEST VALUE IS      13.09840 AT (  579145.01,  4141516.41,     5.41,
    5.41,    1.50)  DC
          2ND HIGHEST VALUE IS      12.90820 AT (  579305.01,  4141416.41,     5.33,
    5.33,    1.50)  DC
          3RD HIGHEST VALUE IS      12.63702 AT (  579205.01,  4141476.41,     5.55,
    5.55,    1.50)  DC
          4TH HIGHEST VALUE IS      12.43523 AT (  579185.01,  4141496.41,     5.34,
    5.34,    1.50)  DC
          5TH HIGHEST VALUE IS      12.29417 AT (  579105.01,  4141536.41,     5.17,
    5.17,    1.50)  DC
          6TH HIGHEST VALUE IS      12.04191 AT (  579265.01,  4141436.41,     5.53,
    5.53,    1.50)  DC
          7TH HIGHEST VALUE IS      11.88449 AT (  579265.01,  4141456.41,     5.25,
    5.25,    1.50)  DC
          8TH HIGHEST VALUE IS      11.55093 AT (  579125.01,  4141536.41,     5.22,
    5.22,    1.50)  DC
          9TH HIGHEST VALUE IS      11.48551 AT (  579165.01,  4141496.41,     5.32,
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    5.32,    1.50)  DC
         10TH HIGHEST VALUE IS      11.20683 AT (  579225.01,  4141456.41,     5.32,
    5.32,    1.50)  DC

SRCGP22   1ST HIGHEST VALUE IS      14.96244 AT (  579145.01,  4141516.41,     5.41,
    5.41,    1.50)  DC
          2ND HIGHEST VALUE IS      14.39858 AT (  579305.01,  4141416.41,     5.33,
    5.33,    1.50)  DC
          3RD HIGHEST VALUE IS      14.29695 AT (  579205.01,  4141476.41,     5.55,
    5.55,    1.50)  DC
          4TH HIGHEST VALUE IS      14.28498 AT (  579185.01,  4141496.41,     5.34,
    5.34,    1.50)  DC
          5TH HIGHEST VALUE IS      13.81543 AT (  579105.01,  4141536.41,     5.17,
    5.17,    1.50)  DC
          6TH HIGHEST VALUE IS      13.77615 AT (  579265.01,  4141456.41,     5.25,
    5.25,    1.50)  DC
          7TH HIGHEST VALUE IS      13.40722 AT (  579265.01,  4141436.41,     5.53,
    5.53,    1.50)  DC
          8TH HIGHEST VALUE IS      13.24115 AT (  579125.01,  4141536.41,     5.22,
    5.22,    1.50)  DC
          9TH HIGHEST VALUE IS      12.71865 AT (  579165.01,  4141496.41,     5.32,
    5.32,    1.50)  DC
         10TH HIGHEST VALUE IS      12.61008 AT (  579285.01,  4141436.41,     5.38,
    5.38,    1.50)  DC
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                          ***       12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                         ***       15:03:32

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 78888
HRS) RESULTS ***


                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
              **


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

SRCGP23   1ST HIGHEST VALUE IS       9.37059 AT (  578705.01,  4141576.41,     6.64,
    6.64,    1.50)  DC
          2ND HIGHEST VALUE IS       8.92247 AT (  578725.01,  4141596.41,     6.48,
    6.48,    1.50)  DC
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           3RD HIGHEST VALUE IS       8.48261 AT (  578745.01,  4141596.41,     6.22,
     6.22,    1.50)  DC
           4TH HIGHEST VALUE IS       7.83722 AT (  578705.01,  4141596.41,     6.58,
     6.58,    1.50)  DC
           5TH HIGHEST VALUE IS       6.47830 AT (  578725.01,  4141616.41,     6.27,
     6.27,    1.50)  DC
           6TH HIGHEST VALUE IS       6.37504 AT (  578745.01,  4141616.41,     6.32,
     6.32,    1.50)  DC
           7TH HIGHEST VALUE IS       6.07450 AT (  578705.01,  4141616.41,     6.14,
     6.14,    1.50)  DC
           8TH HIGHEST VALUE IS       5.92915 AT (  578785.01,  4141276.41,     7.49,
     7.49,    1.50)  DC
           9TH HIGHEST VALUE IS       5.85668 AT (  578805.01,  4141256.41,     7.42,
     7.42,    1.50)  DC
          10TH HIGHEST VALUE IS       5.78453 AT (  578685.01,  4141596.41,     6.32,
     6.32,    1.50)  DC

SRCGP24    1ST HIGHEST VALUE IS      15.88882 AT (  578745.01,  4141596.41,     6.22,
     6.22,    1.50)  DC
           2ND HIGHEST VALUE IS      14.95262 AT (  578705.01,  4141576.41,     6.64,
     6.64,    1.50)  DC
           3RD HIGHEST VALUE IS      13.39071 AT (  578725.01,  4141596.41,     6.48,
     6.48,    1.50)  DC
           4TH HIGHEST VALUE IS      10.59928 AT (  578705.01,  4141596.41,     6.58,
     6.58,    1.50)  DC
           5TH HIGHEST VALUE IS       8.71707 AT (  578745.01,  4141616.41,     6.32,
     6.32,    1.50)  DC
           6TH HIGHEST VALUE IS       8.15189 AT (  578725.01,  4141616.41,     6.27,
     6.27,    1.50)  DC
           7TH HIGHEST VALUE IS       7.49636 AT (  578685.01,  4141576.41,     6.65,
     6.65,    1.50)  DC
           8TH HIGHEST VALUE IS       7.43713 AT (  578705.01,  4141616.41,     6.14,
     6.14,    1.50)  DC
           9TH HIGHEST VALUE IS       7.25021 AT (  578685.01,  4141596.41,     6.32,
     6.32,    1.50)  DC
          10TH HIGHEST VALUE IS       6.36859 AT (  578805.01,  4141256.41,     7.42,
     7.42,    1.50)  DC

ALL        1ST HIGHEST VALUE IS     436.84376 AT (  579025.01,  4141436.41,     6.00,
     6.00,    1.50)  DC
           2ND HIGHEST VALUE IS     361.47471 AT (  579025.01,  4141416.41,     6.04,
     6.04,    1.50)  DC
           3RD HIGHEST VALUE IS     320.84907 AT (  579045.01,  4141456.41,     5.70,
     5.70,    1.50)  DC
           4TH HIGHEST VALUE IS     315.84233 AT (  579005.01,  4141396.41,     6.09,
     6.09,    1.50)  DC
           5TH HIGHEST VALUE IS     298.77365 AT (  579045.01,  4141436.41,     5.90,
     5.90,    1.50)  DC
           6TH HIGHEST VALUE IS     295.97738 AT (  579025.01,  4141396.41,     6.10,
     6.10,    1.50)  DC
```

```
      7TH HIGHEST VALUE IS     271.65807 AT (  579045.01,  4141416.41,     6.10,
   6.10,    1.50)  DC
      8TH HIGHEST VALUE IS     257.60891 AT (  579005.01,  4141376.41,     6.19,
   6.19,    1.50)  DC
      9TH HIGHEST VALUE IS     251.15819 AT (  579065.01,  4141476.41,     5.45,
   5.45,    1.50)  DC
     10TH HIGHEST VALUE IS     246.37533 AT (  579025.01,  4141376.41,     6.13,
   6.13,    1.50)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** Cubberley Community Center Master Plan
                           ***        12/15/25
 *** AERMET - VERSION  18081 ***   *** Construction HRA
                           ***       15:03:32

                                PAGE  1027
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

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

SRCGP1   HIGH   1ST HIGH VALUE IS     452.75266  ON 17121318: AT (  579025.01,
4141436.41,     6.00,     6.00,    1.50)  DC

SRCGP2   HIGH   1ST HIGH VALUE IS     624.97785  ON 17121318: AT (  579025.01,
4141436.41,     6.00,     6.00,    1.50)  DC

SRCGP3   HIGH   1ST HIGH VALUE IS     778.75812  ON 12010318: AT (  578745.01,
4141596.41,     6.22,     6.22,    1.50)  DC

SRCGP4   HIGH   1ST HIGH VALUE IS     991.16183  ON 12010318: AT (  578745.01,
4141596.41,     6.22,     6.22,    1.50)  DC

SRCGP5   HIGH   1ST HIGH VALUE IS     821.45320  ON 11010718: AT (  579025.01,
4141436.41,     6.00,     6.00,    1.50)  DC
```

SRCGP6 HIGH 1ST HIGH VALUE IS 1405.90380 ON 11010718: AT (579025.01,
4141436.41, 6.00, 6.00, 1.50) DC

SRCGP7 HIGH 1ST HIGH VALUE IS 987.04887 ON 15011018: AT (579085.01,
4141516.41, 5.34, 5.34, 1.50) DC

SRCGP8 HIGH 1ST HIGH VALUE IS 1552.12294 ON 15011018: AT (579085.01,
4141516.41, 5.34, 5.34, 1.50) DC

SRCGP9 HIGH 1ST HIGH VALUE IS 871.40107 ON 14121218: AT (578905.01,
4141716.41, 5.10, 5.10, 1.50) DC

SRCGP10 HIGH 1ST HIGH VALUE IS 1076.38917 ON 09112618: AT (578865.01,
4141736.41, 5.21, 5.21, 1.50) DC

SRCGP11 HIGH 1ST HIGH VALUE IS 1020.13482 ON 15011018: AT (579025.01,
4141436.41, 6.00, 6.00, 1.50) DC

SRCGP14 HIGH 1ST HIGH VALUE IS 1365.45325 ON 15011018: AT (579025.01,
4141436.41, 6.00, 6.00, 1.50) DC

SRCGP15 HIGH 1ST HIGH VALUE IS 882.41779 ON 14121218: AT (579005.01,
4141656.41, 5.13, 5.13, 1.50) DC

SRCGP16 HIGH 1ST HIGH VALUE IS 1384.90847 ON 15011018: AT (579085.01,
4141496.41, 5.28, 5.28, 1.50) DC

SRCGP17 HIGH 1ST HIGH VALUE IS 735.14785 ON 14121218: AT (578905.01,
4141716.41, 5.10, 5.10, 1.50) DC

SRCGP18 HIGH 1ST HIGH VALUE IS 937.74737 ON 14121218: AT (578905.01,
4141716.41, 5.10, 5.10, 1.50) DC

SRCGP19 HIGH 1ST HIGH VALUE IS 643.63692 ON 12010318: AT (578745.01,
4141596.41, 6.22, 6.22, 1.50) DC

SRCGP20 HIGH 1ST HIGH VALUE IS 876.71367 ON 12010318: AT (578745.01,
4141596.41, 6.22, 6.22, 1.50) DC

SRCGP21 HIGH 1ST HIGH VALUE IS 150.87408 ON 16112616: AT (579225.01,
4141476.41, 5.28, 5.28, 1.50) DC

SRCGP22 HIGH 1ST HIGH VALUE IS 182.77242 ON 17111017: AT (579105.01,
4141596.41, 4.91, 4.91, 1.50) DC

SRCGP23 HIGH 1ST HIGH VALUE IS 924.38472 ON 12010318: AT (578705.01,
4141576.41, 6.64, 6.64, 1.50) DC

SRCGP24 HIGH 1ST HIGH VALUE IS 1538.88210 ON 12010318: AT (578705.01,

4141576.41,   6.64,   6.64,   1.50) DC

ALL   HIGH   1ST HIGH VALUE IS   8953.76893 ON 17121418: AT (578745.01,
4141596.41,   6.22,   6.22,   1.50) DC

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

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

 A Total of   0 Fatal Error Message(s)
 A Total of   30 Warning Message(s)
 A Total of   12899 Informational Message(s)

 A Total of   78888 Hours Were Processed

 A Total of   11678 Calm Hours Identified

 A Total of   1221 Missing Hours Identified (1.55 Percent)

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

    ********   WARNING MESSAGES   ********
 ME W186   2038   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   2038   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W441   945   METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09020909
 MX W441   946   METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09020910
 MX W441   947   METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09020911
 MX W441   948   METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09020912

```
MX W441     949        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09020913
MX W441     950        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09020914
MX W441     951        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09020915
MX W441     952        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09020916
MX W441     953        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09020917
MX W441     969        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09021009
MX W441     970        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09021010
MX W441     971        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09021011
MX W441     972        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09021012
MX W441     973        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09021013
MX W441     974        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09021014
MX W441     975        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09021015
MX W441     976        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09021016
MX W441     977        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
09021017
MX W441   22929        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081409
MX W441   22930        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081410
MX W441   22931        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081411
MX W441   22932        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081412
MX W441   22933        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081413
MX W441   22934        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081414
MX W441   22935        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081415
MX W441   22936        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081416
MX W441   22937        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081417
MX W441   22938        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081418

   **********************************
```

*** AERMOD Finishes Successfully ***
****

Stationary Sources with 1000 Feet of MEIR

Area of Interest (AOI) Information

Area: 3,434,645.45 ft²

Date: Thu Dec 11 2025 15:04:57 GMT-0800 (Pacific Standard Time)


County of Santa Clara, Vantor | OEHHA, CalEPA | 40 CFR, Chapter I Section 81, et seq., and California Health and Safety Code, Section 40000 et seq. Shapefile coverage. | https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-



2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?rev=b8917a27345a4a629fc18fc8650951e4&sc_lang=en

Powered by Esri

Permitted Stationary Sources

●

Bay Area Air District Boundary

Overburdened Communities

Permitted Stationary Sources | Total count: 1

#	OBJECTID	FacilityID	FacilityName
1	9124	108261-1	Palo Alto Arco

#	Address	City	State
1	699 San Antonio Rd	Palo Alto	CA

#	Zip	County	Latitude
1	94306	Santa Clara	37.416237

#	Longitude	SourceType	NAICS
1	-122.103962	Retail Gas Station	457110

#	NAICS Sector	NAICS Subsector	NAICS Industry
1	Retail Trade	Gasoline Stations	Gasoline Stations with Convenience Stores

#	CancerRisk	ChronicHI	PM25	Throughput_Gal/yr
1	*No data*	*No data*	0.00	2612170.0

2022 CARB & CAPCOA Gasoline Service Station Industrywide Risk Assessment Look-up Tool
Version 1.0 - February 18, 2022

Required Value	User Defined Input	Instructions
Annual Throughput (gallons/year)	2612170	Enter your gas station's annual throughput in gallons of gasoline dispensed per year.
Hourly Dispensing Throughput (gallons/hour)	700	The tool will calculate the maximum hourly vehicle fueling throughput based on annual throughput as defined by Table 10 of the 2020 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Document (Technical Guidance). If a different value is desired please enter it into cell L4.
Hourly Loading Throughput (gallons/hour)	8800	The tool will calculate the maximum hourly loading throughput based on annual throughput as defined by Table 10 of the Technical Guidance. If a different value is desired please enter it into cell L5.
Meteorological Data	San Diego	Select appropriate meteorological data. Met sets provided include 2 rural (Redding and Lancaster) and 4 urban (Fresno, Ontario, San Diego, and San Jose) locations. Use whichever best correlates to your location. If you would like to use site-specific meteorological data please refer to the Variable Met Tool.
Distance to Nearest Resident (meters)	269	Enter the distance to the nearest residential receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Nearest Business (meters)		Enter the distance to the nearest worker receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Acute Receptor (meters)		Enter the distance where acute impacts are expected in meters as measured from the edge of the station canopy. This can be the distance to the property boundary, nearest resident, nearest worker, or any other user defined location. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Control Scenario	EVR Phase I & EVR Phase II	Select the appropriate control scenario for your gas station. Please refer to technical Guidance for an explanation of the different control scenarios. Almost all gas stations in California are equipped with EVR Phase I and EVR Phase II controls.
Include Building Downwash Adjustments	yes	Building downwash may over estimate risk results. High results should be investigated further through site-specific health risk assessment.

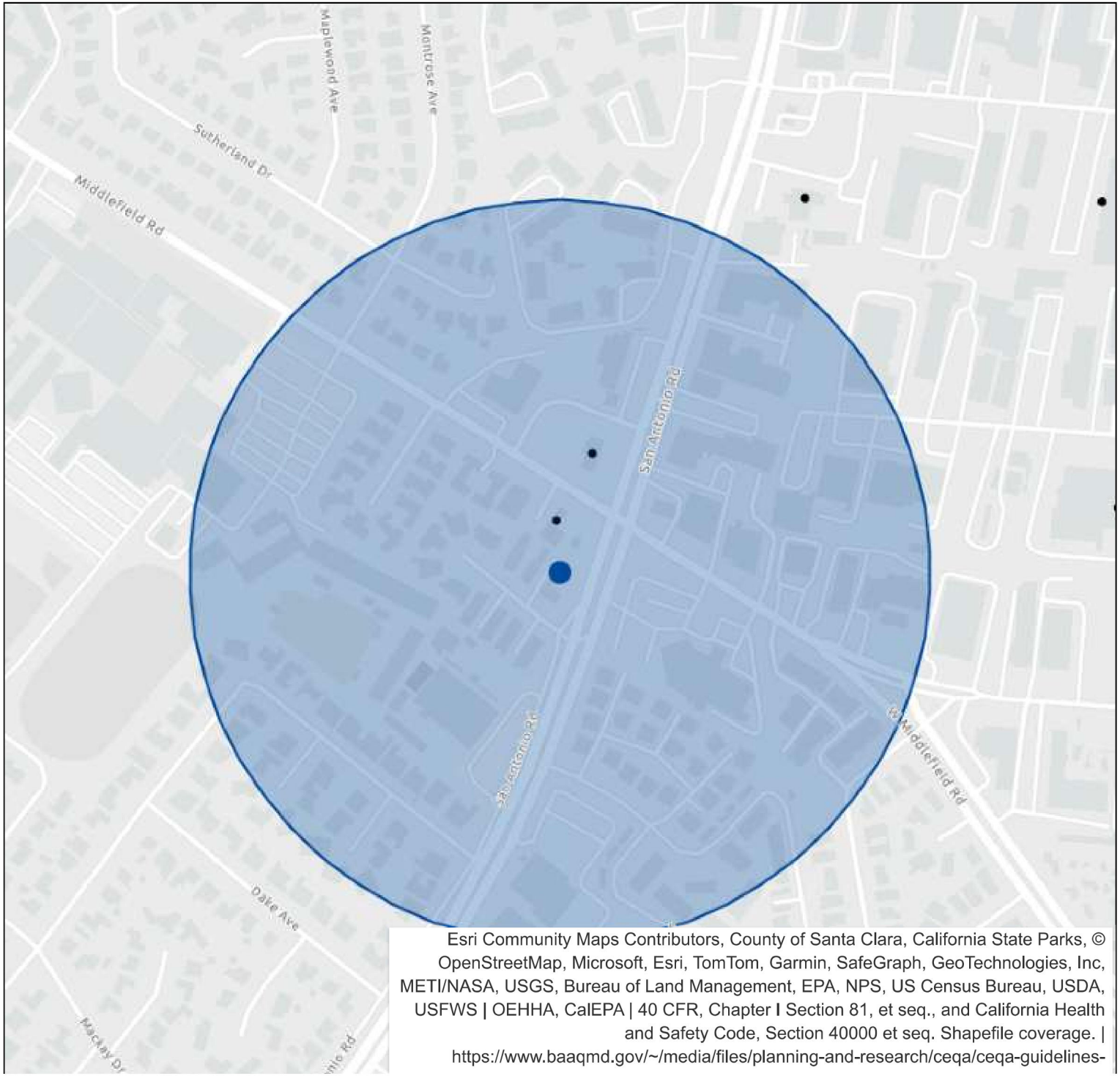
Risk Value	Results
Max Residential Cancer Risk (chances/million)	0.21
Max Worker Cancer Risk (chances/million)	
Chronic HI	#N/A
Acute HI	

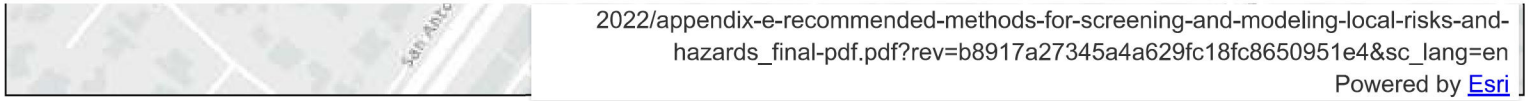
Cumulative Receptor #1

Area of Interest (AOI) Information

Area: 3,134,508.68 ft²

Date: Thu Dec 11 2025 16:30:16 GMT-0800 (Pacific Standard Time)


Maplewood Ave
Montrose Ave
Sutherland Dr
Middlefield Rd
San Antonio Rd
San Antonio Rd
Middlefield Rd
Oake Ave
Mackay Dr
Esri Community Maps Contributors, County of Santa Clara, California State Parks, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS | OEHHA, CalEPA | 40 CFR, Chapter I Section 81, et seq., and California Health and Safety Code, Section 40000 et seq. Shapefile coverage. | https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-



Permitted Stationary Sources

●

Bay Area Air District Boundary

Overburdened Communities

Permitted Stationary Sources | Total count: 2

#	OBJECTID	FacilityID	FacilityName
1	8741	100976-1	7-Eleven INC # 37997
2	9124	108261-1	Palo Alto Arco

#	Address	City	State
1	705 San Antonio Rd	Palo Alto	CA
2	699 San Antonio Rd	Palo Alto	CA

#	Zip	County	Latitude
1	94303	Santa Clara	37.416728
2	94306	Santa Clara	37.416237

#	Longitude	SourceType	NAICS
1	-122.103631	Retail Gas Station	457120
2	-122.103962	Retail Gas Station	457110

#	NAICS Sector	NAICS Subsector	NAICS Industry
1	Retail Trade	Gasoline Stations	Other Gasoline Stations
2	Retail Trade	Gasoline Stations	Gasoline Stations with Convenience Stores

#	CancerRisk	ChronicHI	PM25	Throughput_Gal/yr
1	*No data*	*No data*	0.00	2219740.0
2	*No data*	*No data*	0.00	2612170.0

2022 CARB & CAPCOA Gasoline Service Station Industrywide Risk Assessment Look-up Tool
Version 1.0 - February 18, 2022

Required Value	User Defined Input	Instructions
Annual Throughput (gallons/year)	2612170	Enter your gas station's annual throughput in gallons of gasoline dispensed per year.
Hourly Dispensing Throughput (gallons/hour)	700	The tool will calculate the maximum hourly vehicle fueling throughput based on annual throughput as defined by Table 10 of the 2020 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Document (Technical Guidance). If a different value is desired please enter it into cell L4.
Hourly Loading Throughput (gallons/hour)	8800	The tool will calculate the maximum hourly loading throughput based on annual throughput as defined by Table 10 of the Technical Guidance. If a different value is desired please enter it into cell L5.
Meteorological Data	San Diego	Select appropriate meteorological data. Met sets provided include 2 rural (Redding and Lancaster) and 4 urban (Fresno, Ontario, San Diego, and San Jose) locations. Use whichever best correlates to your location. If you would like to use site-specific meteorological data please refer to the Variable Met Tool.
Distance to Nearest Resident (meters)	17	Enter the distance to the nearest residential receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Nearest Business (meters)		Enter the distance to the nearest worker receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Acute Receptor (meters)		Enter the distance where acute impacts are expected in meters as measured from the edge of the station canopy. This can be the distance to the property boundary, nearest resident, nearest worker, or any other user defined location. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Control Scenario	EVR Phase I & EVR Phase II	Select the appropriate control scenario for your gas station. Please refer to technical Guidance for an explanation of the different control scenarios. Almost all gas stations in California are equipped with EVR Phase I and EVR Phase II controls.
Include Building Downwash Adjustments	yes	Building downwash may over estimate risk results. High results should be investigated further through site-specific health risk assessment.

Risk Value	Results
Max Residential Cancer Risk (chances/million)	20.91
Max Worker Cancer Risk (chances/million)	
Chronic HI	#N/A
Acute HI	

2022 CARB & CAPCOA Gasoline Service Station Industrywide Risk Assessment Look-up Tool
Version 1.0 - February 18, 2022

Required Value	User Defined Input	Instructions
Annual Throughput (gallons/year)	2219740	Enter your gas station's annual throughput in gallons of gasoline dispensed per year.
Hourly Dispensing Throughput (gallons/hour)	700	The tool will calculate the maximum hourly vehicle fueling throughput based on annual throughput as defined by Table 10 of the 2020 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Document (Technical Guidance). If a different value is desired please enter it into cell L4.
Hourly Loading Throughput (gallons/hour)	8800	The tool will calculate the maximum hourly loading throughput based on annual throughput as defined by Table 10 of the Technical Guidance. If a different value is desired please enter it into cell L5.
Meteorological Data	San Diego	Select appropriate meteorological data. Met sets provided include 2 rural (Redding and Lancaster) and 4 urban (Fresno, Ontario, San Diego, and San Jose) locations. Use whichever best correlates to your location. If you would like to use site-specific meteorological data please refer to the Variable Met Tool.
Distance to Nearest Resident (meters)	88	Enter the distance to the nearest residential receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Nearest Business (meters)		Enter the distance to the nearest worker receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Acute Receptor (meters)		Enter the distance where acute impacts are expected in meters as measured from the edge of the station canopy. This can be the distance to the property boundary, nearest resident, nearest worker, or any other user defined location. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Control Scenario	EVR Phase I & EVR Phase II	Select the appropriate control scenario for your gas station. Please refer to technical Guidance for an explanation of the different control scenarios. Almost all gas stations in California are equipped with EVR Phase I and EVR Phase II controls.
Include Building Downwash Adjustments	yes	Building downwash may over estimate risk results. High results should be investigated further through site-specific health risk assessment.

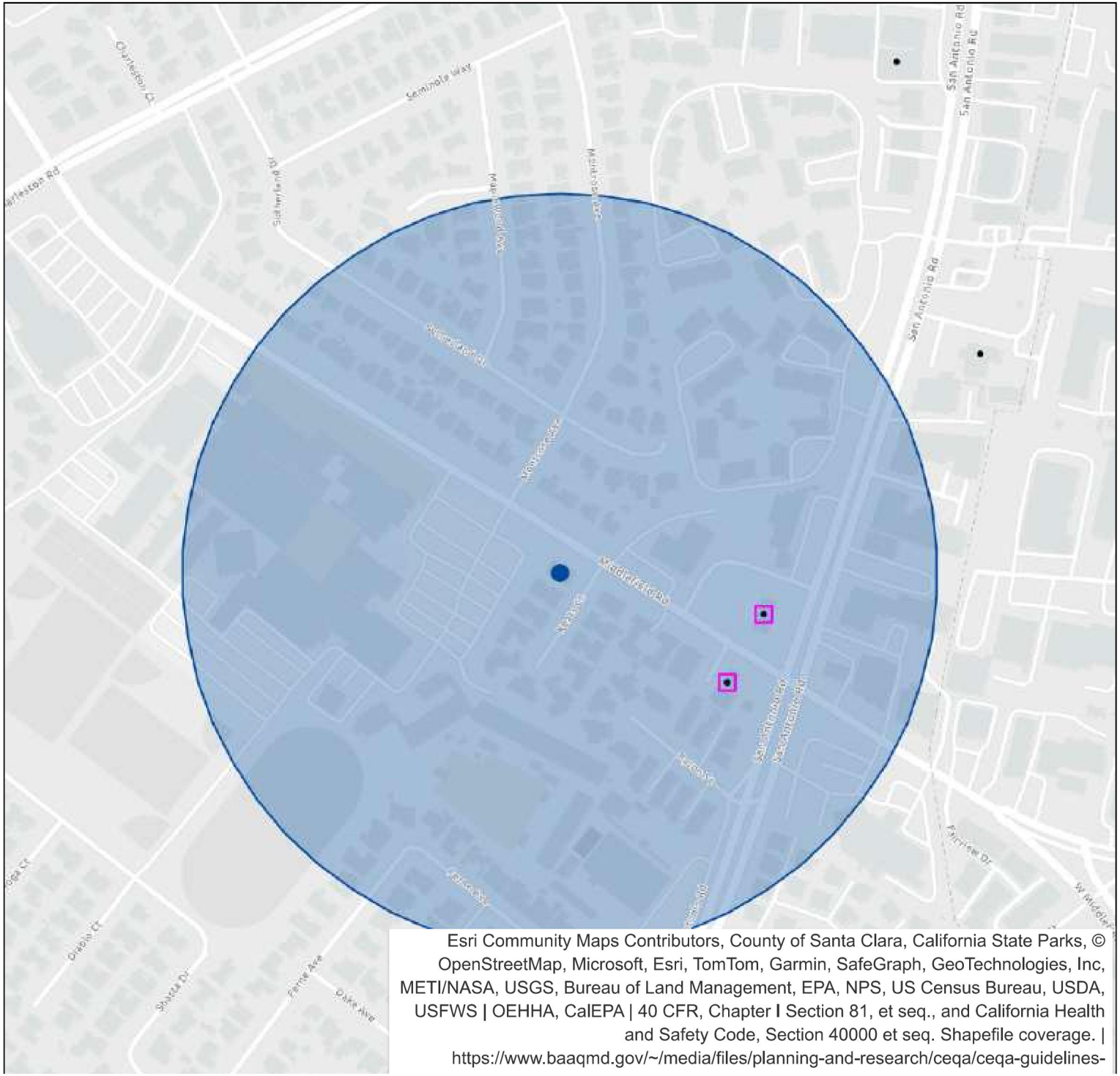
Risk Value	Results
Max Residential Cancer Risk (chances/million)	1.42
Max Worker Cancer Risk (chances/million)	
Chronic HI	#N/A
Acute HI	

Cumulative Receptor #2

Area of Interest (AOI) Information

Area: 3,134,508.68 ft²

Date: Wed Dec 17 2025 16:28:38 GMT-0800 (Pacific Standard Time)


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2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?rev=b8917a27345a4a629fc18fc8650951e4&sc_lang=en

Powered by Esri

Permitted Stationary Sources

●

Bay Area Air District Boundary

Overburdened Communities

Permitted Stationary Sources | Total count: 2

#	OBJECTID	FacilityID	FacilityName
1	8741	100976-1	7-Eleven INC # 37997
2	9124	108261-1	Palo Alto Arco

#	Address	City	State
1	705 San Antonio Rd	Palo Alto	CA
2	699 San Antonio Rd	Palo Alto	CA

#	Zip	County	Latitude
1	94303	Santa Clara	37.416728
2	94306	Santa Clara	37.416237

#	Longitude	SourceType	NAICS
1	-122.103631	Retail Gas Station	457120
2	-122.103962	Retail Gas Station	457110

#	NAICS Sector	NAICS Subsector	NAICS Industry
1	Retail Trade	Gasoline Stations	Other Gasoline Stations
2	Retail Trade	Gasoline Stations	Gasoline Stations with Convenience Stores

#	CancerRisk	ChronicHI	PM25	Throughput_Gal/yr
1	*No data*	*No data*	0.00	2219740.0
2	*No data*	*No data*	0.00	2612170.0

2022 CARB & CAPCOA Gasoline Service Station Industrywide Risk Assessment Look-up Tool
Version 1.0 - February 18, 2022

Required Value	User Defined Input	Instructions
Annual Throughput (gallons/year)	2612170	Enter your gas station's annual throughput in gallons of gasoline dispensed per year.
Hourly Dispensing Throughput (gallons/hour)	700	The tool will calculate the maximum hourly vehicle fueling throughput based on annual throughput as defined by Table 10 of the 2020 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Document (Technical Guidance). If a different value is desired please enter it into cell L4.
Hourly Loading Throughput (gallons/hour)	8800	The tool will calculate the maximum hourly loading throughput based on annual throughput as defined by Table 10 of the Technical Guidance. If a different value is desired please enter it into cell L5.
Meteorological Data	San Diego	Select appropriate meteorological data. Met sets provided include 2 rural (Redding and Lancaster) and 4 urban (Fresno, Ontario, San Diego, and San Jose) locations. Use whichever best correlates to your location. If you would like to use site-specific meteorological data please refer to the Variable Met Tool.
Distance to Nearest Resident (meters)	161	Enter the distance to the nearest residential receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Nearest Business (meters)		Enter the distance to the nearest worker receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Acute Receptor (meters)		Enter the distance where acute impacts are expected in meters as measured from the edge of the station canopy. This can be the distance to the property boundary, nearest resident, nearest worker, or any other user defined location. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Control Scenario	EVR Phase I & EVR Phase II	Select the appropriate control scenario for your gas station. Please refer to technical Guidance for an explanation of the different control scenarios. Almost all gas stations in California are equipped with EVR Phase I and EVR Phase II controls.
Include Building Downwash Adjustments	yes	Building downwash may over estimate risk results. High results should be investigated further through site-specific health risk assessment.

Risk Value	Results
Max Residential Cancer Risk (chances/million)	0.53
Max Worker Cancer Risk (chances/million)	
Chronic HI	#N/A
Acute HI	

2022 CARB & CAPCOA Gasoline Service Station Industrywide Risk Assessment Look-up Tool
Version 1.0 - February 18, 2022

Required Value	User Defined Input	Instructions
Annual Throughput (gallons/year)	2219740	Enter your gas station's annual throughput in gallons of gasoline dispensed per year.
Hourly Dispensing Throughput (gallons/hour)	700	The tool will calculate the maximum hourly vehicle fueling throughput based on annual throughput as defined by Table 10 of the 2020 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Document (Technical Guidance). If a different value is desired please enter it into cell L4.
Hourly Loading Throughput (gallons/hour)	8800	The tool will calculate the maximum hourly loading throughput based on annual throughput as defined by Table 10 of the Technical Guidance. If a different value is desired please enter it into cell L5.
Meteorological Data	San Diego	Select appropriate meteorological data. Met sets provided include 2 rural (Redding and Lancaster) and 4 urban (Fresno, Ontario, San Diego, and San Jose) locations. Use whichever best correlates to your location. If you would like to use site-specific meteorological data please refer to the Variable Met Tool.
Distance to Nearest Resident (meters)	168	Enter the distance to the nearest residential receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Nearest Business (meters)		Enter the distance to the nearest worker receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Distance to Acute Receptor (meters)		Enter the distance where acute impacts are expected in meters as measured from the edge of the station canopy. This can be the distance to the property boundary, nearest resident, nearest worker, or any other user defined location. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).
Control Scenario	EVR Phase I & EVR Phase II	Select the appropriate control scenario for your gas station. Please refer to technical Guidance for an explanation of the different control scenarios. Almost all gas stations in California are equipped with EVR Phase I and EVR Phase II controls.
Include Building Downwash Adjustments	yes	Building downwash may over estimate risk results. High results should be investigated further through site-specific health risk assessment.

Risk Value	Results
Max Residential Cancer Risk (chances/million)	0.45
Max Worker Cancer Risk (chances/million)	
Chronic HI	#N/A
Acute HI	