

Encinitas Sanctuary - Health Risk Assessment Detailed Report, 2/20/2023

Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Electric	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	6.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	6.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Electric	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Interim	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Electric	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	3.00	7.00	84.0	0.37

Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Interim	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Interim	2.00	6.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	6.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Electric	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	0.00	12.0	LDA,LDT1,LDT2
Site Preparation	Vendor	2.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	4.00	0.25	HHDT
Grading	—	—	—	—
Grading	Worker	0.00	12.0	LDA,LDT1,LDT2
Grading	Vendor	2.00	0.25	HHDT,MHDT
Grading	Hauling	126	0.25	HHDT
Grading	Onsite truck	4.00	0.25	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	0.00	12.0	LDA,LDT1,LDT2
Building Construction	Vendor	2.00	0.25	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT

Building Construction	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	0.00	12.0	LDA,LDT1,LDT2
Paving	Vendor	2.00	0.25	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	2.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	18.0	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	0.00	12.0	LDA,LDT1,LDT2
Site Preparation	Vendor	2.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	4.00	0.25	HHDT
Grading	—	—	—	—
Grading	Worker	0.00	12.0	LDA,LDT1,LDT2
Grading	Vendor	2.00	0.25	HHDT,MHDT
Grading	Hauling	126	0.25	HHDT
Grading	Onsite truck	4.00	0.25	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	0.00	12.0	LDA,LDT1,LDT2
Building Construction	Vendor	2.00	0.25	HHDT,MHDT

Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	0.00	12.0	LDA,LDT1,LDT2
Paving	Vendor	2.00	0.25	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	2.00	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	18.0	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	35,539	11,846	0.00	0.00	5,332

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	7.50	0.00	—

Grading	0.00	8,000	8.00	0.00	—
Paving	0.00	0.00	0.00	0.00	2.14

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.10	0%
Other Asphalt Surfaces	0.97	100%
City Park	0.00	0%
Other Non-Asphalt Surfaces	1.07	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	61.8	540	0.03	< 0.005
2025	79.5	540	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	13.2	annual days of extreme heat
Extreme Precipitation	3.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth

Wildfire	2.14	annual hectares burned
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Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	40.0
AQ-PM	34.0
AQ-DPM	12.2
Drinking Water	40.8
Lead Risk Housing	16.8
Pesticides	61.4
Toxic Releases	13.2
Traffic	13.3

Effect Indicators	—
CleanUp Sites	0.00
Groundwater	3.32
Haz Waste Facilities/Generators	16.6
Impaired Water Bodies	90.1
Solid Waste	24.8
Sensitive Population	—
Asthma	6.94
Cardio-vascular	25.5
Low Birth Weights	13.9
Socioeconomic Factor Indicators	—
Education	6.95
Housing	24.9
Linguistic	0.00
Poverty	24.7
Unemployment	33.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	74.04080585
Employed	62.37649172
Median HI	82.97189786
Education	—
Bachelor's or higher	83.65199538
High school enrollment	100

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Preschool enrollment	87.36045169
Transportation	—
Auto Access	93.63531374
Active commuting	32.51636084
Social	—
2-parent households	35.2239189
Voting	97.12562556
Neighborhood	—
Alcohol availability	88.22019761
Park access	53.4838958
Retail density	45.56653407
Supermarket access	55.4471962
Tree canopy	69.45977159
Housing	—
Homeownership	69.53676376
Housing habitability	84.53740536
Low-inc homeowner severe housing cost burden	80.05902733
Low-inc renter severe housing cost burden	71.52572822
Uncrowded housing	58.74502759
Health Outcomes	—
Insured adults	49.23649429
Arthritis	0.0
Asthma ER Admissions	93.6
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0

Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	76.7
Cognitively Disabled	70.6
Physically Disabled	80.2
Heart Attack ER Admissions	87.4
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	73.7
Elderly	42.0
English Speaking	92.8
Foreign-born	27.9
Outdoor Workers	56.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	69.2
Traffic Density	18.6

Traffic Access	23.0
Other Indices	—
Hardship	22.8
Other Decision Support	—
2016 Voting	98.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	5.00
Healthy Places Index Score for Project Location (b)	85.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Healthy Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Project Description
Construction: Construction Phases	Default schedule lengths. No demo.

Construction: Trips and VMT	Only diesel fueled vehicles
Operations: Vehicle Data	Traffic Study. Active open space modeled as park, no trip generation.
Characteristics: Utility Information	—

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 2/12/2023
** File: C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Encinitas_Sanctuary\Sanctuary Construction\Sanctuary
Construction.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 3287306
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "Sanctuary Construction.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 40
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** 477729.903, 3656225.940, 66.61, 5.00, 4.65

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LOCATION L0000001	VOLUME	478002.699	3656145.512	41.43
LOCATION L0000002	VOLUME	477993.107	3656148.340	42.26
LOCATION L0000003	VOLUME	477983.515	3656151.168	43.01
LOCATION L0000004	VOLUME	477973.924	3656153.996	43.88
LOCATION L0000005	VOLUME	477964.332	3656156.824	44.79
LOCATION L0000006	VOLUME	477954.740	3656159.652	45.47
LOCATION L0000007	VOLUME	477945.148	3656162.480	46.58
LOCATION L0000008	VOLUME	477935.556	3656165.308	47.69
LOCATION L0000009	VOLUME	477925.965	3656168.136	48.84
LOCATION L0000010	VOLUME	477916.373	3656170.963	49.91
LOCATION L0000011	VOLUME	477906.781	3656173.791	50.60

LOCATION	L0000012	VOLUME	477897.189	3656176.619	51.34
LOCATION	L0000013	VOLUME	477887.597	3656179.447	51.85
LOCATION	L0000014	VOLUME	477878.005	3656182.275	52.78
LOCATION	L0000015	VOLUME	477868.414	3656185.103	53.75
LOCATION	L0000016	VOLUME	477858.822	3656187.931	54.67
LOCATION	L0000017	VOLUME	477849.230	3656190.759	55.86
LOCATION	L0000018	VOLUME	477839.638	3656193.587	56.86
LOCATION	L0000019	VOLUME	477830.046	3656196.415	57.53
LOCATION	L0000020	VOLUME	477820.455	3656199.243	58.32
LOCATION	L0000021	VOLUME	477810.863	3656202.070	59.54
LOCATION	L0000022	VOLUME	477801.271	3656204.898	60.58
LOCATION	L0000023	VOLUME	477791.679	3656207.726	61.57
LOCATION	L0000024	VOLUME	477782.087	3656210.554	62.60
LOCATION	L0000025	VOLUME	477772.496	3656213.382	63.31
LOCATION	L0000026	VOLUME	477762.904	3656216.210	64.09
LOCATION	L0000027	VOLUME	477753.312	3656219.038	64.79
LOCATION	L0000028	VOLUME	477743.720	3656221.866	65.64
LOCATION	L0000029	VOLUME	477734.128	3656224.694	66.23
LOCATION	L0000030	VOLUME	477728.342	3656220.567	66.70
LOCATION	L0000031	VOLUME	477725.552	3656210.964	67.25
LOCATION	L0000032	VOLUME	477722.762	3656201.361	64.09
LOCATION	L0000033	VOLUME	477719.972	3656191.758	61.66
LOCATION	L0000034	VOLUME	477717.182	3656182.155	60.17
LOCATION	L0000035	VOLUME	477719.454	3656175.246	59.76
LOCATION	L0000036	VOLUME	477728.977	3656172.194	59.75
LOCATION	L0000037	VOLUME	477738.500	3656169.141	58.48
LOCATION	L0000038	VOLUME	477748.023	3656166.089	57.69
LOCATION	L0000039	VOLUME	477757.545	3656163.037	57.04
LOCATION	L0000040	VOLUME	477767.068	3656159.985	58.02
LOCATION	L0000041	VOLUME	477764.922	3656150.814	55.65
LOCATION	L0000042	VOLUME	477762.016	3656141.246	54.09
LOCATION	L0000043	VOLUME	477759.110	3656131.678	53.97
LOCATION	L0000044	VOLUME	477756.204	3656122.109	54.57
LOCATION	L0000045	VOLUME	477756.112	3656114.034	53.28
LOCATION	L0000046	VOLUME	477765.665	3656111.077	51.59
LOCATION	L0000047	VOLUME	477775.218	3656108.121	50.68
LOCATION	L0000048	VOLUME	477784.771	3656105.164	50.60
LOCATION	L0000049	VOLUME	477794.324	3656102.207	50.88
LOCATION	L0000050	VOLUME	477803.876	3656099.250	51.04
LOCATION	L0000051	VOLUME	477813.429	3656096.293	51.25
LOCATION	L0000052	VOLUME	477822.982	3656093.336	50.76
LOCATION	L0000053	VOLUME	477832.535	3656090.380	49.89
LOCATION	L0000054	VOLUME	477839.263	3656092.629	50.27
LOCATION	L0000055	VOLUME	477841.992	3656102.249	52.35
LOCATION	L0000056	VOLUME	477844.721	3656111.870	52.90
LOCATION	L0000057	VOLUME	477847.449	3656121.490	53.06
LOCATION	L0000058	VOLUME	477850.178	3656131.111	52.41
LOCATION	L0000059	VOLUME	477852.907	3656140.731	52.28
LOCATION	L0000060	VOLUME	477855.636	3656150.352	52.73
LOCATION	L0000061	VOLUME	477858.364	3656159.972	53.08

LOCATION	L0000062	VOLUME	477861.093	3656169.593	53.33
LOCATION	L0000063	VOLUME	477863.822	3656179.213	53.65
LOCATION	L0000064	VOLUME	477855.871	3656182.892	54.18
LOCATION	L0000065	VOLUME	477846.258	3656185.646	55.66
LOCATION	L0000066	VOLUME	477836.644	3656188.400	56.78
LOCATION	L0000067	VOLUME	477827.031	3656191.154	57.48
LOCATION	L0000068	VOLUME	477817.417	3656193.907	58.44
LOCATION	L0000069	VOLUME	477807.804	3656196.661	59.57
LOCATION	L0000070	VOLUME	477798.191	3656199.415	60.58
LOCATION	L0000071	VOLUME	477788.577	3656202.169	61.32
LOCATION	L0000072	VOLUME	477778.964	3656204.923	62.44
LOCATION	L0000073	VOLUME	477769.351	3656207.677	63.09
LOCATION	L0000074	VOLUME	477759.737	3656210.430	63.83
LOCATION	L0000075	VOLUME	477750.124	3656213.184	64.45
LOCATION	L0000076	VOLUME	477740.511	3656215.938	65.15
LOCATION	L0000077	VOLUME	477734.594	3656212.204	64.66
LOCATION	L0000078	VOLUME	477732.062	3656202.530	63.93
LOCATION	L0000079	VOLUME	477729.529	3656192.856	62.52
LOCATION	L0000080	VOLUME	477726.997	3656183.182	61.60
LOCATION	L0000081	VOLUME	477731.610	3656177.493	60.45
LOCATION	L0000082	VOLUME	477741.171	3656174.564	58.81
LOCATION	L0000083	VOLUME	477750.732	3656171.634	58.26
LOCATION	L0000084	VOLUME	477760.294	3656168.705	57.88
LOCATION	L0000085	VOLUME	477769.855	3656165.776	59.82
LOCATION	L0000086	VOLUME	477778.150	3656162.830	62.32
LOCATION	L0000087	VOLUME	477775.095	3656153.308	58.40
LOCATION	L0000088	VOLUME	477772.041	3656143.786	55.35
LOCATION	L0000089	VOLUME	477768.987	3656134.264	55.28
LOCATION	L0000090	VOLUME	477765.933	3656124.741	53.96
LOCATION	L0000091	VOLUME	477767.562	3656117.706	52.46
LOCATION	L0000092	VOLUME	477777.161	3656114.901	51.31
LOCATION	L0000093	VOLUME	477786.759	3656112.097	52.38
LOCATION	L0000094	VOLUME	477796.358	3656109.292	53.58
LOCATION	L0000095	VOLUME	477805.957	3656106.488	53.69
LOCATION	L0000096	VOLUME	477815.555	3656103.683	53.18
LOCATION	L0000097	VOLUME	477825.154	3656100.879	52.97
LOCATION	L0000098	VOLUME	477833.451	3656100.348	53.08
LOCATION	L0000099	VOLUME	477835.893	3656110.046	52.70
LOCATION	L0000100	VOLUME	477838.335	3656119.743	54.23
LOCATION	L0000101	VOLUME	477840.777	3656129.440	54.12
LOCATION	L0000102	VOLUME	477843.219	3656139.137	53.63
LOCATION	L0000103	VOLUME	477845.661	3656148.835	53.43
LOCATION	L0000104	VOLUME	477848.103	3656158.532	54.00
LOCATION	L0000105	VOLUME	477850.545	3656168.229	54.40
LOCATION	L0000106	VOLUME	477851.070	3656176.824	54.61
LOCATION	L0000107	VOLUME	477841.461	3656179.594	55.84
LOCATION	L0000108	VOLUME	477831.852	3656182.364	56.79
LOCATION	L0000109	VOLUME	477822.243	3656185.134	57.70
LOCATION	L0000110	VOLUME	477812.635	3656187.904	58.77
LOCATION	L0000111	VOLUME	477803.026	3656190.674	59.81

LOCATION	L0000112	VOLUME	477793.417	3656193.444	60.70
LOCATION	L0000113	VOLUME	477783.809	3656196.214	61.49
LOCATION	L0000114	VOLUME	477774.200	3656198.983	62.37
LOCATION	L0000115	VOLUME	477764.591	3656201.753	63.01
LOCATION	L0000116	VOLUME	477754.982	3656204.523	63.75
LOCATION	L0000117	VOLUME	477745.374	3656207.293	64.11
LOCATION	L0000118	VOLUME	477740.060	3656202.849	63.59
LOCATION	L0000119	VOLUME	477737.916	3656193.081	61.74
LOCATION	L0000120	VOLUME	477738.017	3656184.629	60.42
LOCATION	L0000121	VOLUME	477747.585	3656181.723	59.71
LOCATION	L0000122	VOLUME	477757.154	3656178.818	59.94
LOCATION	L0000123	VOLUME	477766.722	3656175.912	60.18
LOCATION	L0000124	VOLUME	477776.291	3656173.007	62.23
LOCATION	L0000125	VOLUME	477785.859	3656170.101	63.79
LOCATION	L0000126	VOLUME	477788.731	3656163.757	64.27
LOCATION	L0000127	VOLUME	477785.516	3656154.288	62.45
LOCATION	L0000128	VOLUME	477782.302	3656144.819	59.14
LOCATION	L0000129	VOLUME	477779.087	3656135.349	55.40
LOCATION	L0000130	VOLUME	477775.872	3656125.880	53.12
LOCATION	L0000131	VOLUME	477781.242	3656121.029	53.28
LOCATION	L0000132	VOLUME	477790.915	3656118.492	55.11
LOCATION	L0000133	VOLUME	477800.588	3656115.955	56.06
LOCATION	L0000134	VOLUME	477810.261	3656113.418	55.84
LOCATION	L0000135	VOLUME	477819.934	3656110.881	53.28
LOCATION	L0000136	VOLUME	477827.473	3656111.945	53.26
LOCATION	L0000137	VOLUME	477829.899	3656121.647	54.99
LOCATION	L0000138	VOLUME	477832.324	3656131.348	55.75
LOCATION	L0000139	VOLUME	477834.750	3656141.049	55.23
LOCATION	L0000140	VOLUME	477837.175	3656150.751	54.39
LOCATION	L0000141	VOLUME	477839.600	3656160.452	54.80
LOCATION	L0000142	VOLUME	477842.026	3656170.154	55.32
LOCATION	L0000143	VOLUME	477834.189	3656174.033	56.30
LOCATION	L0000144	VOLUME	477824.617	3656176.927	57.20
LOCATION	L0000145	VOLUME	477815.045	3656179.822	58.53
LOCATION	L0000146	VOLUME	477805.473	3656182.716	59.30
LOCATION	L0000147	VOLUME	477795.901	3656185.611	61.59
LOCATION	L0000148	VOLUME	477786.329	3656188.505	61.77
LOCATION	L0000149	VOLUME	477776.757	3656191.400	61.92
LOCATION	L0000150	VOLUME	477767.185	3656194.294	62.12
LOCATION	L0000151	VOLUME	477757.613	3656197.189	62.88
LOCATION	L0000152	VOLUME	477748.041	3656200.083	63.10
LOCATION	L0000153	VOLUME	477744.699	3656191.194	60.93
LOCATION	L0000154	VOLUME	477753.097	3656187.702	61.38
LOCATION	L0000155	VOLUME	477762.678	3656184.838	61.33
LOCATION	L0000156	VOLUME	477772.259	3656181.973	61.05
LOCATION	L0000157	VOLUME	477781.840	3656179.109	62.44
LOCATION	L0000158	VOLUME	477791.421	3656176.244	63.35
LOCATION	L0000159	VOLUME	477799.009	3656172.342	62.82
LOCATION	L0000160	VOLUME	477795.864	3656162.849	64.91
LOCATION	L0000161	VOLUME	477792.719	3656153.357	64.19

LOCATION	L0000162	VOLUME	477789.575	3656143.864	62.26
LOCATION	L0000163	VOLUME	477786.430	3656134.371	58.10
LOCATION	L0000164	VOLUME	477786.866	3656126.759	56.17
LOCATION	L0000165	VOLUME	477796.465	3656123.957	58.14
LOCATION	L0000166	VOLUME	477806.065	3656121.155	57.76
LOCATION	L0000167	VOLUME	477815.664	3656118.353	56.37
LOCATION	L0000168	VOLUME	477820.957	3656122.972	56.34
LOCATION	L0000169	VOLUME	477823.287	3656132.697	57.42
LOCATION	L0000170	VOLUME	477825.618	3656142.422	57.50
LOCATION	L0000171	VOLUME	477827.948	3656152.146	56.72
LOCATION	L0000172	VOLUME	477830.278	3656161.871	55.65
LOCATION	L0000173	VOLUME	477833.052	3656171.434	56.24
LOCATION	L0000174	VOLUME	477823.576	3656174.282	57.20
LOCATION	L0000175	VOLUME	477813.973	3656177.074	58.91
LOCATION	L0000176	VOLUME	477804.371	3656179.866	60.00
LOCATION	L0000177	VOLUME	477794.769	3656182.659	62.42
LOCATION	L0000178	VOLUME	477785.167	3656185.451	62.16
LOCATION	L0000179	VOLUME	477775.564	3656188.243	61.67
LOCATION	L0000180	VOLUME	477765.962	3656191.036	61.84
LOCATION	L0000181	VOLUME	477756.360	3656193.828	62.45
LOCATION	L0000182	VOLUME	477752.640	3656191.498	62.03
LOCATION	L0000183	VOLUME	477762.251	3656188.734	61.79
LOCATION	L0000184	VOLUME	477771.861	3656185.971	61.30
LOCATION	L0000185	VOLUME	477781.472	3656183.208	61.96
LOCATION	L0000186	VOLUME	477791.083	3656180.445	62.83
LOCATION	L0000187	VOLUME	477800.694	3656177.682	61.36
LOCATION	L0000188	VOLUME	477808.175	3656173.814	60.49
LOCATION	L0000189	VOLUME	477804.906	3656164.363	63.10
LOCATION	L0000190	VOLUME	477801.636	3656154.913	63.72
LOCATION	L0000191	VOLUME	477798.367	3656145.462	63.81
LOCATION	L0000192	VOLUME	477795.098	3656136.012	62.39
LOCATION	L0000193	VOLUME	477797.539	3656129.636	60.86
LOCATION	L0000194	VOLUME	477807.228	3656127.162	60.27
LOCATION	L0000195	VOLUME	477816.167	3656125.903	58.10
LOCATION	L0000196	VOLUME	477818.298	3656135.674	58.99
LOCATION	L0000197	VOLUME	477820.429	3656145.444	59.34
LOCATION	L0000198	VOLUME	477822.560	3656155.215	58.69
LOCATION	L0000199	VOLUME	477824.690	3656164.985	57.09
LOCATION	L0000200	VOLUME	477821.480	3656171.577	57.37
LOCATION	L0000201	VOLUME	477811.876	3656174.365	59.66
LOCATION	L0000202	VOLUME	477808.589	3656165.981	61.95
LOCATION	L0000203	VOLUME	477806.027	3656156.314	63.12
LOCATION	L0000204	VOLUME	477803.465	3656146.648	63.24
LOCATION	L0000205	VOLUME	477800.903	3656136.982	63.01
LOCATION	L0000206	VOLUME	477807.478	3656132.440	61.99
LOCATION	L0000207	VOLUME	477812.957	3656136.735	60.97
LOCATION	L0000208	VOLUME	477815.322	3656146.451	60.99
LOCATION	L0000209	VOLUME	477817.687	3656156.167	60.29
LOCATION	L0000210	VOLUME	477820.052	3656165.883	58.21
LOCATION	L0000211	VOLUME	477813.592	3656168.943	60.03

LOCATION	L0000212	VOLUME	477811.468	3656159.171	62.18
LOCATION	L0000213	VOLUME	477809.343	3656149.399	62.52
LOCATION	L0000214	VOLUME	477807.219	3656139.628	62.47

** End of LINE VOLUME Source ID = SLINE1

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM	L0000001	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000002	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000003	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000004	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000005	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000006	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000007	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000008	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000009	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000010	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000011	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000012	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000013	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000014	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000015	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000016	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000017	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000018	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000019	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000020	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000021	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000022	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000023	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000024	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000025	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000026	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000027	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000028	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000029	0.0046728972	5.00	4.65	2.33
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SRCPARAM	L0000031	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000032	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000033	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000034	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000035	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000036	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000037	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000038	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000039	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000040	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000041	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000042	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000043	0.0046728972	5.00	4.65	2.33
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[illegible]

[illegible]

[illegible]

SRCPARAM	L0000195	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000196	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000197	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000198	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000199	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000200	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000201	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000202	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000203	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000204	0.0046728972	5.00	4.65	2.33
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SRCPARAM	L0000207	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000208	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000209	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000210	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000211	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000212	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000213	0.0046728972	5.00	4.65	2.33
SRCPARAM	L0000214	0.0046728972	5.00	4.65	2.33

** -----

URBANSRC ALL

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "Sanctuary Construction.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE ..\McClellanPalomar_2019_2021_v22112.SFC

PROFFILE ..\McClellanPalomar_2019_2021_v22112.PFL

SURFDATA 3177 2019

UAIRDATA 3190 2019

PROFBASE 92.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "Sanctuary Construction.AD\01H1GALL.PLT" 31

PLOTFILE PERIOD ALL "Sanctuary Construction.AD\PE00GALL.PLT" 32

SUMMFILE "Sanctuary Construction.sum"

OU FINISHED

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

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

A Total of 0 Fatal Error Message(s)

A Total of 2 Warning Message(s)

A Total of 0 Informational Message(s)

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

*** NONE ***

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

ME W186 544 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50

ME W187 544 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\enuno\OneDrive -

Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23

*** AERMET - VERSION 22112 *** ***

*** 20:07:49

PAGE 1

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY

- - - - -
- - - - -

** Model Options Selected:

* Model Uses Regulatory DEFAULT Options

- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 214 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 3287306.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: PM_10

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

**This Run Includes: 214 Source(s); 1 Source Group(s); and 1001
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 214 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 22112

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE

Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE

Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE

Keyword)

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

Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 92.00 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Sanctuary Construction.err

**File for Summary of Results: Sanctuary Construction.sum

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE			BASE	RELEASE	INIT.
SOURCE		EMISSION RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	PART. (GRAMS/SEC)	X	Y			
ID		SCALAR VARY			(METERS)	(METERS)	(METERS)
(METERS)		CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY					

- - - - -

L0000001	0	0.46729E-02	478002.7	3656145.5	41.4	5.00	4.65
2.33 YES							
L0000002	0	0.46729E-02	477993.1	3656148.3	42.3	5.00	4.65
2.33 YES							
L0000003	0	0.46729E-02	477983.5	3656151.2	43.0	5.00	4.65
2.33 YES							
L0000004	0	0.46729E-02	477973.9	3656154.0	43.9	5.00	4.65
2.33 YES							

L0000005	0	0.46729E-02	477964.3	3656156.8	44.8	5.00	4.65
2.33 YES							
L0000006	0	0.46729E-02	477954.7	3656159.7	45.5	5.00	4.65
2.33 YES							
L0000007	0	0.46729E-02	477945.1	3656162.5	46.6	5.00	4.65
2.33 YES							
L0000008	0	0.46729E-02	477935.6	3656165.3	47.7	5.00	4.65
2.33 YES							
L0000009	0	0.46729E-02	477926.0	3656168.1	48.8	5.00	4.65
2.33 YES							
L0000010	0	0.46729E-02	477916.4	3656171.0	49.9	5.00	4.65
2.33 YES							
L0000011	0	0.46729E-02	477906.8	3656173.8	50.6	5.00	4.65
2.33 YES							
L0000012	0	0.46729E-02	477897.2	3656176.6	51.3	5.00	4.65
2.33 YES							
L0000013	0	0.46729E-02	477887.6	3656179.4	51.8	5.00	4.65
2.33 YES							
L0000014	0	0.46729E-02	477878.0	3656182.3	52.8	5.00	4.65
2.33 YES							
L0000015	0	0.46729E-02	477868.4	3656185.1	53.8	5.00	4.65
2.33 YES							
L0000016	0	0.46729E-02	477858.8	3656187.9	54.7	5.00	4.65
2.33 YES							
L0000017	0	0.46729E-02	477849.2	3656190.8	55.9	5.00	4.65
2.33 YES							
L0000018	0	0.46729E-02	477839.6	3656193.6	56.9	5.00	4.65
2.33 YES							
L0000019	0	0.46729E-02	477830.0	3656196.4	57.5	5.00	4.65
2.33 YES							
L0000020	0	0.46729E-02	477820.5	3656199.2	58.3	5.00	4.65
2.33 YES							
L0000021	0	0.46729E-02	477810.9	3656202.1	59.5	5.00	4.65
2.33 YES							
L0000022	0	0.46729E-02	477801.3	3656204.9	60.6	5.00	4.65
2.33 YES							
L0000023	0	0.46729E-02	477791.7	3656207.7	61.6	5.00	4.65
2.33 YES							
L0000024	0	0.46729E-02	477782.1	3656210.6	62.6	5.00	4.65
2.33 YES							
L0000025	0	0.46729E-02	477772.5	3656213.4	63.3	5.00	4.65
2.33 YES							
L0000026	0	0.46729E-02	477762.9	3656216.2	64.1	5.00	4.65
2.33 YES							
L0000027	0	0.46729E-02	477753.3	3656219.0	64.8	5.00	4.65
2.33 YES							
L0000028	0	0.46729E-02	477743.7	3656221.9	65.6	5.00	4.65
2.33 YES							
L0000029	0	0.46729E-02	477734.1	3656224.7	66.2	5.00	4.65
2.33 YES							

L0000030	0	0.46729E-02	477728.3	3656220.6	66.7	5.00	4.65
2.33	YES						
L0000031	0	0.46729E-02	477725.6	3656211.0	67.2	5.00	4.65
2.33	YES						
L0000032	0	0.46729E-02	477722.8	3656201.4	64.1	5.00	4.65
2.33	YES						
L0000033	0	0.46729E-02	477720.0	3656191.8	61.7	5.00	4.65
2.33	YES						
L0000034	0	0.46729E-02	477717.2	3656182.2	60.2	5.00	4.65
2.33	YES						
L0000035	0	0.46729E-02	477719.5	3656175.2	59.8	5.00	4.65
2.33	YES						
L0000036	0	0.46729E-02	477729.0	3656172.2	59.8	5.00	4.65
2.33	YES						
L0000037	0	0.46729E-02	477738.5	3656169.1	58.5	5.00	4.65
2.33	YES						
L0000038	0	0.46729E-02	477748.0	3656166.1	57.7	5.00	4.65
2.33	YES						
L0000039	0	0.46729E-02	477757.5	3656163.0	57.0	5.00	4.65
2.33	YES						
L0000040	0	0.46729E-02	477767.1	3656160.0	58.0	5.00	4.65
2.33	YES						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE			BASE	RELEASE	INIT.
SOURCE		EMISSION RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	PART. (GRAMS/SEC)	X	Y			
ID		SCALAR VARY			(METERS)	(METERS)	(METERS)
(METERS)		CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY					

L0000041	0	0.46729E-02	477764.9	3656150.8	55.6	5.00	4.65
2.33	YES						
L0000042	0	0.46729E-02	477762.0	3656141.2	54.1	5.00	4.65
2.33	YES						
L0000043	0	0.46729E-02	477759.1	3656131.7	54.0	5.00	4.65
2.33	YES						
L0000044	0	0.46729E-02	477756.2	3656122.1	54.6	5.00	4.65
2.33	YES						

L0000045	0	0.46729E-02	477756.1	3656114.0	53.3	5.00	4.65
2.33 YES							
L0000046	0	0.46729E-02	477765.7	3656111.1	51.6	5.00	4.65
2.33 YES							
L0000047	0	0.46729E-02	477775.2	3656108.1	50.7	5.00	4.65
2.33 YES							
L0000048	0	0.46729E-02	477784.8	3656105.2	50.6	5.00	4.65
2.33 YES							
L0000049	0	0.46729E-02	477794.3	3656102.2	50.9	5.00	4.65
2.33 YES							
L0000050	0	0.46729E-02	477803.9	3656099.2	51.0	5.00	4.65
2.33 YES							
L0000051	0	0.46729E-02	477813.4	3656096.3	51.2	5.00	4.65
2.33 YES							
L0000052	0	0.46729E-02	477823.0	3656093.3	50.8	5.00	4.65
2.33 YES							
L0000053	0	0.46729E-02	477832.5	3656090.4	49.9	5.00	4.65
2.33 YES							
L0000054	0	0.46729E-02	477839.3	3656092.6	50.3	5.00	4.65
2.33 YES							
L0000055	0	0.46729E-02	477842.0	3656102.2	52.3	5.00	4.65
2.33 YES							
L0000056	0	0.46729E-02	477844.7	3656111.9	52.9	5.00	4.65
2.33 YES							
L0000057	0	0.46729E-02	477847.4	3656121.5	53.1	5.00	4.65
2.33 YES							
L0000058	0	0.46729E-02	477850.2	3656131.1	52.4	5.00	4.65
2.33 YES							
L0000059	0	0.46729E-02	477852.9	3656140.7	52.3	5.00	4.65
2.33 YES							
L0000060	0	0.46729E-02	477855.6	3656150.4	52.7	5.00	4.65
2.33 YES							
L0000061	0	0.46729E-02	477858.4	3656160.0	53.1	5.00	4.65
2.33 YES							
L0000062	0	0.46729E-02	477861.1	3656169.6	53.3	5.00	4.65
2.33 YES							
L0000063	0	0.46729E-02	477863.8	3656179.2	53.6	5.00	4.65
2.33 YES							
L0000064	0	0.46729E-02	477855.9	3656182.9	54.2	5.00	4.65
2.33 YES							
L0000065	0	0.46729E-02	477846.3	3656185.6	55.7	5.00	4.65
2.33 YES							
L0000066	0	0.46729E-02	477836.6	3656188.4	56.8	5.00	4.65
2.33 YES							
L0000067	0	0.46729E-02	477827.0	3656191.2	57.5	5.00	4.65
2.33 YES							
L0000068	0	0.46729E-02	477817.4	3656193.9	58.4	5.00	4.65
2.33 YES							
L0000069	0	0.46729E-02	477807.8	3656196.7	59.6	5.00	4.65
2.33 YES							

L0000070	0	0.46729E-02	477798.2	3656199.4	60.6	5.00	4.65
2.33	YES						
L0000071	0	0.46729E-02	477788.6	3656202.2	61.3	5.00	4.65
2.33	YES						
L0000072	0	0.46729E-02	477779.0	3656204.9	62.4	5.00	4.65
2.33	YES						
L0000073	0	0.46729E-02	477769.4	3656207.7	63.1	5.00	4.65
2.33	YES						
L0000074	0	0.46729E-02	477759.7	3656210.4	63.8	5.00	4.65
2.33	YES						
L0000075	0	0.46729E-02	477750.1	3656213.2	64.5	5.00	4.65
2.33	YES						
L0000076	0	0.46729E-02	477740.5	3656215.9	65.1	5.00	4.65
2.33	YES						
L0000077	0	0.46729E-02	477734.6	3656212.2	64.7	5.00	4.65
2.33	YES						
L0000078	0	0.46729E-02	477732.1	3656202.5	63.9	5.00	4.65
2.33	YES						
L0000079	0	0.46729E-02	477729.5	3656192.9	62.5	5.00	4.65
2.33	YES						
L0000080	0	0.46729E-02	477727.0	3656183.2	61.6	5.00	4.65
2.33	YES						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	BASE	RELEASE	INIT.
SOURCE	EMISSION RATE				
SZ	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT
ID	SCALAR VARY	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY			

L0000081	0	0.46729E-02	477731.6	3656177.5	60.4	5.00	4.65
2.33	YES						
L0000082	0	0.46729E-02	477741.2	3656174.6	58.8	5.00	4.65
2.33	YES						
L0000083	0	0.46729E-02	477750.7	3656171.6	58.3	5.00	4.65
2.33	YES						
L0000084	0	0.46729E-02	477760.3	3656168.7	57.9	5.00	4.65
2.33	YES						

L0000085	0	0.46729E-02	477769.9	3656165.8	59.8	5.00	4.65
2.33 YES							
L0000086	0	0.46729E-02	477778.1	3656162.8	62.3	5.00	4.65
2.33 YES							
L0000087	0	0.46729E-02	477775.1	3656153.3	58.4	5.00	4.65
2.33 YES							
L0000088	0	0.46729E-02	477772.0	3656143.8	55.3	5.00	4.65
2.33 YES							
L0000089	0	0.46729E-02	477769.0	3656134.3	55.3	5.00	4.65
2.33 YES							
L0000090	0	0.46729E-02	477765.9	3656124.7	54.0	5.00	4.65
2.33 YES							
L0000091	0	0.46729E-02	477767.6	3656117.7	52.5	5.00	4.65
2.33 YES							
L0000092	0	0.46729E-02	477777.2	3656114.9	51.3	5.00	4.65
2.33 YES							
L0000093	0	0.46729E-02	477786.8	3656112.1	52.4	5.00	4.65
2.33 YES							
L0000094	0	0.46729E-02	477796.4	3656109.3	53.6	5.00	4.65
2.33 YES							
L0000095	0	0.46729E-02	477806.0	3656106.5	53.7	5.00	4.65
2.33 YES							
L0000096	0	0.46729E-02	477815.6	3656103.7	53.2	5.00	4.65
2.33 YES							
L0000097	0	0.46729E-02	477825.2	3656100.9	53.0	5.00	4.65
2.33 YES							
L0000098	0	0.46729E-02	477833.5	3656100.3	53.1	5.00	4.65
2.33 YES							
L0000099	0	0.46729E-02	477835.9	3656110.0	52.7	5.00	4.65
2.33 YES							
L0000100	0	0.46729E-02	477838.3	3656119.7	54.2	5.00	4.65
2.33 YES							
L0000101	0	0.46729E-02	477840.8	3656129.4	54.1	5.00	4.65
2.33 YES							
L0000102	0	0.46729E-02	477843.2	3656139.1	53.6	5.00	4.65
2.33 YES							
L0000103	0	0.46729E-02	477845.7	3656148.8	53.4	5.00	4.65
2.33 YES							
L0000104	0	0.46729E-02	477848.1	3656158.5	54.0	5.00	4.65
2.33 YES							
L0000105	0	0.46729E-02	477850.5	3656168.2	54.4	5.00	4.65
2.33 YES							
L0000106	0	0.46729E-02	477851.1	3656176.8	54.6	5.00	4.65
2.33 YES							
L0000107	0	0.46729E-02	477841.5	3656179.6	55.8	5.00	4.65
2.33 YES							
L0000108	0	0.46729E-02	477831.9	3656182.4	56.8	5.00	4.65
2.33 YES							
L0000109	0	0.46729E-02	477822.2	3656185.1	57.7	5.00	4.65
2.33 YES							

L0000110	0	0.46729E-02	477812.6	3656187.9	58.8	5.00	4.65
2.33	YES						
L0000111	0	0.46729E-02	477803.0	3656190.7	59.8	5.00	4.65
2.33	YES						
L0000112	0	0.46729E-02	477793.4	3656193.4	60.7	5.00	4.65
2.33	YES						
L0000113	0	0.46729E-02	477783.8	3656196.2	61.5	5.00	4.65
2.33	YES						
L0000114	0	0.46729E-02	477774.2	3656199.0	62.4	5.00	4.65
2.33	YES						
L0000115	0	0.46729E-02	477764.6	3656201.8	63.0	5.00	4.65
2.33	YES						
L0000116	0	0.46729E-02	477755.0	3656204.5	63.8	5.00	4.65
2.33	YES						
L0000117	0	0.46729E-02	477745.4	3656207.3	64.1	5.00	4.65
2.33	YES						
L0000118	0	0.46729E-02	477740.1	3656202.8	63.6	5.00	4.65
2.33	YES						
L0000119	0	0.46729E-02	477737.9	3656193.1	61.7	5.00	4.65
2.33	YES						
L0000120	0	0.46729E-02	477738.0	3656184.6	60.4	5.00	4.65
2.33	YES						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION RATE	ELEV.	HEIGHT	SY
SZ	ID	SCALAR VARY	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)

L0000121	0	0.46729E-02	477747.6	3656181.7	59.7	5.00	4.65
2.33	YES						
L0000122	0	0.46729E-02	477757.2	3656178.8	59.9	5.00	4.65
2.33	YES						
L0000123	0	0.46729E-02	477766.7	3656175.9	60.2	5.00	4.65
2.33	YES						
L0000124	0	0.46729E-02	477776.3	3656173.0	62.2	5.00	4.65
2.33	YES						

L0000125	0	0.46729E-02	477785.9	3656170.1	63.8	5.00	4.65
2.33 YES							
L0000126	0	0.46729E-02	477788.7	3656163.8	64.3	5.00	4.65
2.33 YES							
L0000127	0	0.46729E-02	477785.5	3656154.3	62.4	5.00	4.65
2.33 YES							
L0000128	0	0.46729E-02	477782.3	3656144.8	59.1	5.00	4.65
2.33 YES							
L0000129	0	0.46729E-02	477779.1	3656135.3	55.4	5.00	4.65
2.33 YES							
L0000130	0	0.46729E-02	477775.9	3656125.9	53.1	5.00	4.65
2.33 YES							
L0000131	0	0.46729E-02	477781.2	3656121.0	53.3	5.00	4.65
2.33 YES							
L0000132	0	0.46729E-02	477790.9	3656118.5	55.1	5.00	4.65
2.33 YES							
L0000133	0	0.46729E-02	477800.6	3656116.0	56.1	5.00	4.65
2.33 YES							
L0000134	0	0.46729E-02	477810.3	3656113.4	55.8	5.00	4.65
2.33 YES							
L0000135	0	0.46729E-02	477819.9	3656110.9	53.3	5.00	4.65
2.33 YES							
L0000136	0	0.46729E-02	477827.5	3656111.9	53.3	5.00	4.65
2.33 YES							
L0000137	0	0.46729E-02	477829.9	3656121.6	55.0	5.00	4.65
2.33 YES							
L0000138	0	0.46729E-02	477832.3	3656131.3	55.8	5.00	4.65
2.33 YES							
L0000139	0	0.46729E-02	477834.8	3656141.0	55.2	5.00	4.65
2.33 YES							
L0000140	0	0.46729E-02	477837.2	3656150.8	54.4	5.00	4.65
2.33 YES							
L0000141	0	0.46729E-02	477839.6	3656160.5	54.8	5.00	4.65
2.33 YES							
L0000142	0	0.46729E-02	477842.0	3656170.2	55.3	5.00	4.65
2.33 YES							
L0000143	0	0.46729E-02	477834.2	3656174.0	56.3	5.00	4.65
2.33 YES							
L0000144	0	0.46729E-02	477824.6	3656176.9	57.2	5.00	4.65
2.33 YES							
L0000145	0	0.46729E-02	477815.0	3656179.8	58.5	5.00	4.65
2.33 YES							
L0000146	0	0.46729E-02	477805.5	3656182.7	59.3	5.00	4.65
2.33 YES							
L0000147	0	0.46729E-02	477795.9	3656185.6	61.6	5.00	4.65
2.33 YES							
L0000148	0	0.46729E-02	477786.3	3656188.5	61.8	5.00	4.65
2.33 YES							
L0000149	0	0.46729E-02	477776.8	3656191.4	61.9	5.00	4.65
2.33 YES							

L0000150	0	0.46729E-02	477767.2	3656194.3	62.1	5.00	4.65
2.33	YES						
L0000151	0	0.46729E-02	477757.6	3656197.2	62.9	5.00	4.65
2.33	YES						
L0000152	0	0.46729E-02	477748.0	3656200.1	63.1	5.00	4.65
2.33	YES						
L0000153	0	0.46729E-02	477744.7	3656191.2	60.9	5.00	4.65
2.33	YES						
L0000154	0	0.46729E-02	477753.1	3656187.7	61.4	5.00	4.65
2.33	YES						
L0000155	0	0.46729E-02	477762.7	3656184.8	61.3	5.00	4.65
2.33	YES						
L0000156	0	0.46729E-02	477772.3	3656182.0	61.0	5.00	4.65
2.33	YES						
L0000157	0	0.46729E-02	477781.8	3656179.1	62.4	5.00	4.65
2.33	YES						
L0000158	0	0.46729E-02	477791.4	3656176.2	63.3	5.00	4.65
2.33	YES						
L0000159	0	0.46729E-02	477799.0	3656172.3	62.8	5.00	4.65
2.33	YES						
L0000160	0	0.46729E-02	477795.9	3656162.8	64.9	5.00	4.65
2.33	YES						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

L0000161	0	0.46729E-02	477792.7	3656153.4	64.2	5.00	4.65
2.33	YES						
L0000162	0	0.46729E-02	477789.6	3656143.9	62.3	5.00	4.65
2.33	YES						
L0000163	0	0.46729E-02	477786.4	3656134.4	58.1	5.00	4.65
2.33	YES						
L0000164	0	0.46729E-02	477786.9	3656126.8	56.2	5.00	4.65
2.33	YES						

L0000165	0	0.46729E-02	477796.5	3656124.0	58.1	5.00	4.65
2.33 YES							
L0000166	0	0.46729E-02	477806.1	3656121.2	57.8	5.00	4.65
2.33 YES							
L0000167	0	0.46729E-02	477815.7	3656118.4	56.4	5.00	4.65
2.33 YES							
L0000168	0	0.46729E-02	477821.0	3656123.0	56.3	5.00	4.65
2.33 YES							
L0000169	0	0.46729E-02	477823.3	3656132.7	57.4	5.00	4.65
2.33 YES							
L0000170	0	0.46729E-02	477825.6	3656142.4	57.5	5.00	4.65
2.33 YES							
L0000171	0	0.46729E-02	477827.9	3656152.1	56.7	5.00	4.65
2.33 YES							
L0000172	0	0.46729E-02	477830.3	3656161.9	55.6	5.00	4.65
2.33 YES							
L0000173	0	0.46729E-02	477833.1	3656171.4	56.2	5.00	4.65
2.33 YES							
L0000174	0	0.46729E-02	477823.6	3656174.3	57.2	5.00	4.65
2.33 YES							
L0000175	0	0.46729E-02	477814.0	3656177.1	58.9	5.00	4.65
2.33 YES							
L0000176	0	0.46729E-02	477804.4	3656179.9	60.0	5.00	4.65
2.33 YES							
L0000177	0	0.46729E-02	477794.8	3656182.7	62.4	5.00	4.65
2.33 YES							
L0000178	0	0.46729E-02	477785.2	3656185.5	62.2	5.00	4.65
2.33 YES							
L0000179	0	0.46729E-02	477775.6	3656188.2	61.7	5.00	4.65
2.33 YES							
L0000180	0	0.46729E-02	477766.0	3656191.0	61.8	5.00	4.65
2.33 YES							
L0000181	0	0.46729E-02	477756.4	3656193.8	62.4	5.00	4.65
2.33 YES							
L0000182	0	0.46729E-02	477752.6	3656191.5	62.0	5.00	4.65
2.33 YES							
L0000183	0	0.46729E-02	477762.3	3656188.7	61.8	5.00	4.65
2.33 YES							
L0000184	0	0.46729E-02	477771.9	3656186.0	61.3	5.00	4.65
2.33 YES							
L0000185	0	0.46729E-02	477781.5	3656183.2	62.0	5.00	4.65
2.33 YES							
L0000186	0	0.46729E-02	477791.1	3656180.4	62.8	5.00	4.65
2.33 YES							
L0000187	0	0.46729E-02	477800.7	3656177.7	61.4	5.00	4.65
2.33 YES							
L0000188	0	0.46729E-02	477808.2	3656173.8	60.5	5.00	4.65
2.33 YES							
L0000189	0	0.46729E-02	477804.9	3656164.4	63.1	5.00	4.65
2.33 YES							

L0000190	0	0.46729E-02	477801.6	3656154.9	63.7	5.00	4.65
2.33	YES						
L0000191	0	0.46729E-02	477798.4	3656145.5	63.8	5.00	4.65
2.33	YES						
L0000192	0	0.46729E-02	477795.1	3656136.0	62.4	5.00	4.65
2.33	YES						
L0000193	0	0.46729E-02	477797.5	3656129.6	60.9	5.00	4.65
2.33	YES						
L0000194	0	0.46729E-02	477807.2	3656127.2	60.3	5.00	4.65
2.33	YES						
L0000195	0	0.46729E-02	477816.2	3656125.9	58.1	5.00	4.65
2.33	YES						
L0000196	0	0.46729E-02	477818.3	3656135.7	59.0	5.00	4.65
2.33	YES						
L0000197	0	0.46729E-02	477820.4	3656145.4	59.3	5.00	4.65
2.33	YES						
L0000198	0	0.46729E-02	477822.6	3656155.2	58.7	5.00	4.65
2.33	YES						
L0000199	0	0.46729E-02	477824.7	3656165.0	57.1	5.00	4.65
2.33	YES						
L0000200	0	0.46729E-02	477821.5	3656171.6	57.4	5.00	4.65
2.33	YES						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER EMISSION RATE	BASE	RELEASE	INIT.
SOURCE	EMISSION RATE				
SZ	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT
ID	SCALAR VARY	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY			

L0000201	0	0.46729E-02	477811.9	3656174.4	59.7	5.00	4.65
2.33	YES						
L0000202	0	0.46729E-02	477808.6	3656166.0	61.9	5.00	4.65
2.33	YES						
L0000203	0	0.46729E-02	477806.0	3656156.3	63.1	5.00	4.65
2.33	YES						
L0000204	0	0.46729E-02	477803.5	3656146.6	63.2	5.00	4.65
2.33	YES						

L0000205	0	0.46729E-02	477800.9	3656137.0	63.0	5.00	4.65
2.33 YES							
L0000206	0	0.46729E-02	477807.5	3656132.4	62.0	5.00	4.65
2.33 YES							
L0000207	0	0.46729E-02	477813.0	3656136.7	61.0	5.00	4.65
2.33 YES							
L0000208	0	0.46729E-02	477815.3	3656146.5	61.0	5.00	4.65
2.33 YES							
L0000209	0	0.46729E-02	477817.7	3656156.2	60.3	5.00	4.65
2.33 YES							
L0000210	0	0.46729E-02	477820.1	3656165.9	58.2	5.00	4.65
2.33 YES							
L0000211	0	0.46729E-02	477813.6	3656168.9	60.0	5.00	4.65
2.33 YES							
L0000212	0	0.46729E-02	477811.5	3656159.2	62.2	5.00	4.65
2.33 YES							
L0000213	0	0.46729E-02	477809.3	3656149.4	62.5	5.00	4.65
2.33 YES							
L0000214	0	0.46729E-02	477807.2	3656139.6	62.5	5.00	4.65
2.33 YES							

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006	, L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014	, L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022	, L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
L0000030	, L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 ,
L0000038	, L0000039 , L0000040 ,

L0000046	L0000041 , L0000047	, L0000042 , L0000048	, L0000043 ,	, L0000044	, L0000045	,
L0000054	L0000049 , L0000055	, L0000050 , L0000056	, L0000051 ,	, L0000052	, L0000053	,
L0000062	L0000057 , L0000063	, L0000058 , L0000064	, L0000059 ,	, L0000060	, L0000061	,
L0000070	L0000065 , L0000071	, L0000066 , L0000072	, L0000067 ,	, L0000068	, L0000069	,
L0000078	L0000073 , L0000079	, L0000074 , L0000080	, L0000075 ,	, L0000076	, L0000077	,
L0000086	L0000081 , L0000087	, L0000082 , L0000088	, L0000083 ,	, L0000084	, L0000085	,
L0000094	L0000089 , L0000095	, L0000090 , L0000096	, L0000091 ,	, L0000092	, L0000093	,
L0000102	L0000097 , L0000103	, L0000098 , L0000104	, L0000099 ,	, L0000100	, L0000101	,
L0000110	L0000105 , L0000111	, L0000106 , L0000112	, L0000107 ,	, L0000108	, L0000109	,
L0000118	L0000113 , L0000119	, L0000114 , L0000120	, L0000115 ,	, L0000116	, L0000117	,
L0000126	L0000121 , L0000127	, L0000122 , L0000128	, L0000123 ,	, L0000124	, L0000125	,
L0000134	L0000129 , L0000135	, L0000130 , L0000136	, L0000131 ,	, L0000132	, L0000133	,
L0000142	L0000137 , L0000143	, L0000138 , L0000144	, L0000139 ,	, L0000140	, L0000141	,
L0000150	L0000145 , L0000151	, L0000146 , L0000152	, L0000147 ,	, L0000148	, L0000149	,
L0000158	L0000153 , L0000159	, L0000154 , L0000160	, L0000155 ,	, L0000156	, L0000157	,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
L0000166	L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , , L0000167 , L0000168 ,
L0000174	L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , , L0000175 , L0000176 ,
L0000182	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , , L0000183 , L0000184 ,
L0000190	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , , L0000191 , L0000192 ,
L0000198	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , , L0000199 , L0000200 ,
L0000206	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , , L0000207 , L0000208 ,
L0000214	L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000005 L0000008	3287306. , L0000006 ,	L0000001 , L0000002 , L0000003 , L0000004 , , L0000007 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,

L0000014	, L0000015	, L0000016	,			
L0000022	L0000017 , L0000023	, L0000018 , L0000024	, L0000019 ,	, L0000020	, L0000021	,
L0000030	L0000025 , L0000031	, L0000026 , L0000032	, L0000027 ,	, L0000028	, L0000029	,
L0000038	L0000033 , L0000039	, L0000034 , L0000040	, L0000035 ,	, L0000036	, L0000037	,
L0000046	L0000041 , L0000047	, L0000042 , L0000048	, L0000043 ,	, L0000044	, L0000045	,
L0000054	L0000049 , L0000055	, L0000050 , L0000056	, L0000051 ,	, L0000052	, L0000053	,
L0000062	L0000057 , L0000063	, L0000058 , L0000064	, L0000059 ,	, L0000060	, L0000061	,
L0000070	L0000065 , L0000071	, L0000066 , L0000072	, L0000067 ,	, L0000068	, L0000069	,
L0000078	L0000073 , L0000079	, L0000074 , L0000080	, L0000075 ,	, L0000076	, L0000077	,
L0000086	L0000081 , L0000087	, L0000082 , L0000088	, L0000083 ,	, L0000084	, L0000085	,
L0000094	L0000089 , L0000095	, L0000090 , L0000096	, L0000091 ,	, L0000092	, L0000093	,
L0000102	L0000097 , L0000103	, L0000098 , L0000104	, L0000099 ,	, L0000100	, L0000101	,
L0000110	L0000105 , L0000111	, L0000106 , L0000112	, L0000107 ,	, L0000108	, L0000109	,
L0000118	L0000113 , L0000119	, L0000114 , L0000120	, L0000115 ,	, L0000116	, L0000117	,
L0000126	L0000121 , L0000127	, L0000122 , L0000128	, L0000123 ,	, L0000124	, L0000125	,
L0000134	L0000129 , L0000135	, L0000130 , L0000136	, L0000131 ,	, L0000132	, L0000133	,
L0000142	L0000137 , L0000143	, L0000138 , L0000144	, L0000139 ,	, L0000140	, L0000141	,

L0000145 , L0000146 , L0000147 , L0000148 , L0000149 ,
 L0000150 , L0000151 , L0000152 ,

L0000153 , L0000154 , L0000155 , L0000156 , L0000157 ,
 L0000158 , L0000159 , L0000160 ,

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000166	L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , , L0000167 , L0000168 ,	
L0000174	L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , , L0000175 , L0000176 ,	
L0000182	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , , L0000183 , L0000184 ,	
L0000190	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , , L0000191 , L0000192 ,	
L0000198	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , , L0000199 , L0000200 ,	
L0000206	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , , L0000207 , L0000208 ,	
L0000214	L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , ,	

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

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

(477841.4, 3656223.1,	58.1,	101.8,	0.0);	(477884.1,
3656215.5, 53.8, 101.8,	0.0);			
(477799.2, 3656239.3,	64.5,	101.8,	0.0);	(477767.8,
3656252.2, 67.7, 101.8,	0.0);			
(477881.3, 3656161.0,	51.0,	101.8,	0.0);	(477928.7,
3656143.0, 47.4, 101.8,	0.0);			
(477877.6, 3656112.6,	48.3,	101.8,	0.0);	(477859.2,
3656047.8, 44.6, 101.8,	0.0);			
(477843.2, 3656065.2,	45.2,	101.8,	0.0);	(477822.8,
3656055.8, 44.3, 101.8,	0.0);			
(477769.7, 3656067.2,	48.8,	101.8,	0.0);	(477723.9,
3656083.2, 53.5, 101.8,	0.0);			
(477686.8, 3656091.9,	59.4,	101.8,	0.0);	(477657.5,
3656112.9, 63.1, 101.8,	0.0);			
(477613.0, 3656131.6,	68.3,	101.8,	0.0);	(477697.8,
3656267.2, 74.5, 101.8,	0.0);			
(477941.0, 3656208.1,	48.6,	101.8,	0.0);	(477968.5,
3656121.7, 42.2, 101.8,	0.0);			
(477930.0, 3656071.4,	43.5,	101.8,	0.0);	(477930.0,
3656071.4, 43.5, 101.8,	0.0);			
(477909.1, 3656026.2,	41.4,	101.8,	0.0);	(477551.5,
3656176.3, 93.3, 93.3,	0.0);			
(477556.6, 3656194.0,	93.9,	95.0,	0.0);	(477563.6,
3656214.0, 95.0, 95.0,	0.0);			
(477568.4, 3656233.3,	96.2,	97.5,	0.0);	(477575.8,
3656249.8, 97.4, 97.4,	0.0);			
(477732.0, 3656324.5,	75.3,	101.8,	0.0);	(477771.2,
3656319.9, 70.2, 101.8,	0.0);			
(477799.3, 3656302.3,	65.6,	101.8,	0.0);	(477848.0,
3656278.8, 60.4, 101.8,	0.0);			
(477855.4, 3656304.0,	60.6,	101.8,	0.0);	(477662.3,
3656312.4, 92.0, 101.8,	0.0);			
(477646.7, 3656291.6,	91.9,	101.8,	0.0);	(477595.9,
3656279.2, 97.1, 98.8,	0.0);			
(477601.7, 3656295.7,	98.5,	98.5,	0.0);	(477613.1,
3656310.2, 98.7, 98.7,	0.0);			
(477616.8, 3656345.2,	99.4,	99.4,	0.0);	(477618.0,
3656360.6, 100.3, 100.3,	0.0);			
(477656.6, 3656372.5,	101.0,	101.0,	0.0);	(477693.6,
3656356.7, 93.9, 101.8,	0.0);			
(477826.1, 3656362.0,	63.8,	101.8,	0.0);	(477760.6,
3656385.5, 76.8, 101.8,	0.0);			
(477685.6, 3656397.6,	101.4,	101.4,	0.0);	(477529.1,
3656164.5, 93.0, 93.0,	0.0);			
(477507.5, 3656168.0,	93.0,	93.0,	0.0);	(477912.2,
3656272.0, 52.7, 101.8,	0.0);			
(477898.4, 3656260.3,	52.6,	101.8,	0.0);	(477991.8,

3656212.3, 43.3, 101.8, 0.0);
 (477524.8, 3656024.5, 66.9, 99.1, 0.0); (477517.8,
 3655938.1, 56.8, 101.1, 0.0);
 (477507.6, 3655899.1, 54.1, 100.5, 0.0); (477512.7,
 3655838.2, 49.2, 99.1, 0.0);
 (477571.0, 3655927.2, 56.9, 101.1, 0.0); (477586.3,
 3655965.6, 61.7, 100.7, 0.0);
 (477585.0, 3656041.8, 73.7, 98.8, 0.0); (477594.6,
 3656082.1, 82.2, 95.0, 0.0);
 (477556.2, 3655822.2, 49.7, 98.8, 0.0); (477568.4,
 3655878.6, 53.7, 100.5, 0.0);
 (477543.4, 3655763.3, 46.3, 98.8, 0.0); (477533.7,
 3656261.0, 95.6, 98.4, 0.0);
 (477515.7, 3656264.7, 95.2, 98.3, 0.0); (477538.8,
 3656296.2, 98.4, 98.4, 0.0);
 (477553.6, 3656327.2, 98.8, 98.8, 0.0); (477555.5,
 3656350.3, 99.0, 99.0, 0.0);
 (477800.3, 3656428.1, 67.9, 101.8, 0.0); (477875.9,
 3656385.2, 61.4, 101.8, 0.0);
 (477831.0, 3656391.6, 64.4, 101.8, 0.0); (477898.3,
 3656364.1, 57.8, 101.8, 0.0);
 (477933.5, 3656357.1, 53.3, 101.8, 0.0); (477932.2,
 3656435.2, 51.9, 101.8, 0.0);
 (478012.9, 3656438.4, 44.4, 101.8, 0.0); (477838.1,
 3656479.3, 63.7, 101.8, 0.0);
 (477877.1, 3656481.3, 58.7, 101.8, 0.0); (477858.6,
 3656540.2, 63.1, 101.8, 0.0);
 (477797.1, 3656557.5, 68.4, 101.8, 0.0); (477980.9,
 3656506.2, 48.3, 101.8, 0.0);
 (478021.8, 3656533.1, 45.1, 102.0, 0.0); (478071.8,
 3656518.4, 41.2, 101.8, 0.0);
 (478101.2, 3656514.6, 40.4, 101.8, 0.0); (478071.1,
 3656478.7, 40.7, 101.8, 0.0);
 (478062.2, 3656435.8, 40.2, 101.8, 0.0); (478019.9,
 3656485.1, 44.3, 101.8, 0.0);
 (477516.5, 3656525.0, 97.4, 97.4, 0.0); (477145.8,
 3655768.7, 72.7, 101.0, 0.0);
 (477163.4, 3655768.7, 69.6, 101.0, 0.0); (477181.1,
 3655768.7, 69.1, 101.0, 0.0);
 (477198.8, 3655768.7, 68.8, 101.0, 0.0); (477216.5,
 3655768.7, 69.3, 98.8, 0.0);
 (477357.8, 3655768.7, 54.8, 100.5, 0.0); (477393.1,
 3655768.7, 54.9, 97.6, 0.0);

*** AERMOD - VERSION 22112 *** C:\Users\enuno\OneDrive -
 Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23
 *** AERMET - VERSION 22112 ***
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(477410.8, 3655768.7,	54.3,	97.6,	0.0);	(477428.5,
3655768.7, 47.7, 100.5,	0.0);			
(477145.8, 3655796.4,	72.3,	101.0,	0.0);	(477163.4,
3655796.4, 70.0, 101.0,	0.0);			
(477181.1, 3655796.4,	69.3,	101.0,	0.0);	(477198.8,
3655796.4, 69.2, 101.0,	0.0);			
(477216.5, 3655796.4,	69.5,	98.8,	0.0);	(477340.1,
3655796.4, 56.0, 100.5,	0.0);			
(477393.1, 3655796.4,	56.6,	97.6,	0.0);	(477410.8,
3655796.4, 55.4, 97.6,	0.0);			
(477428.5, 3655796.4,	53.1,	97.6,	0.0);	(477145.8,
3655824.2, 71.0, 101.1,	0.0);			
(477163.4, 3655824.2,	70.1,	101.0,	0.0);	(477181.1,
3655824.2, 69.6, 101.0,	0.0);			
(477198.8, 3655824.2,	69.5,	100.4,	0.0);	(477216.5,
3655824.2, 69.8, 98.8,	0.0);			
(477304.8, 3655824.2,	59.2,	100.3,	0.0);	(477322.5,
3655824.2, 58.3, 99.0,	0.0);			
(477393.1, 3655824.2,	57.3,	97.6,	0.0);	(477410.8,
3655824.2, 57.6, 97.5,	0.0);			
(477428.5, 3655824.2,	57.4,	93.2,	0.0);	(477145.8,
3655852.0, 71.1, 101.1,	0.0);			
(477163.4, 3655852.0,	70.1,	101.0,	0.0);	(477181.1,
3655852.0, 69.8, 101.0,	0.0);			
(477198.8, 3655852.0,	70.2,	99.0,	0.0);	(477287.1,
3655852.0, 62.1, 99.0,	0.0);			
(477304.8, 3655852.0,	61.0,	98.8,	0.0);	(477340.1,
3655852.0, 59.0, 97.6,	0.0);			
(477357.8, 3655852.0,	58.6,	97.6,	0.0);	(477375.5,
3655852.0, 58.0, 97.6,	0.0);			
(477428.5, 3655852.0,	57.9,	94.8,	0.0);	(477145.8,
3655879.8, 71.1, 101.1,	0.0);			
(477163.4, 3655879.8,	70.7,	100.8,	0.0);	(477181.1,
3655879.8, 70.8, 99.3,	0.0);			
(477269.5, 3655879.8,	64.9,	98.8,	0.0);	(477322.5,
3655879.8, 62.1, 97.6,	0.0);			
(477340.1, 3655879.8,	61.9,	97.6,	0.0);	(477357.8,
3655879.8, 60.4, 97.6,	0.0);			
(477375.5, 3655879.8,	58.0,	97.6,	0.0);	(477393.1,
3655879.8, 58.1, 97.6,	0.0);			
(477428.5, 3655879.8,	58.0,	97.5,	0.0);	(477446.2,
3655879.8, 58.7, 97.5,	0.0);			
(477463.8, 3655879.8,	56.0,	98.8,	0.0);	(477481.5,
3655879.8, 54.3, 98.8,	0.0);			
(477499.2, 3655879.8,	53.2,	99.1,	0.0);	(477145.8,

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3655907.6,      71.8,      100.7,      0.0);
( 477163.4, 3655907.6,      71.5,      99.6,      0.0);      ( 477181.1,
3655907.6,      71.0,      99.3,      0.0);
( 477251.8, 3655907.6,      67.9,      97.6,      0.0);      ( 477304.8,
3655907.6,      65.0,      97.6,      0.0);
( 477322.5, 3655907.6,      64.3,      97.6,      0.0);      ( 477340.1,
3655907.6,      65.4,      91.0,      0.0);
( 477357.8, 3655907.6,      66.3,      91.0,      0.0);      ( 477375.5,
3655907.6,      61.3,      94.8,      0.0);
( 477393.1, 3655907.6,      58.7,      98.2,      0.0);      ( 477428.5,
3655907.6,      58.8,      98.7,      0.0);
( 477446.2, 3655907.6,      59.3,      98.7,      0.0);      ( 477463.8,
3655907.6,      59.5,      98.7,      0.0);
( 477481.5, 3655907.6,      56.7,      98.8,      0.0);      ( 477499.2,
3655907.6,      54.2,      100.7,      0.0);
( 477234.1, 3655935.3,      70.2,      97.6,      0.0);      ( 477287.1,
3655935.3,      67.8,      88.5,      0.0);
( 477304.8, 3655935.3,      66.6,      91.0,      0.0);      ( 477322.5,
3655935.3,      67.8,      91.0,      0.0);
( 477340.1, 3655935.3,      72.7,      88.4,      0.0);      ( 477357.8,
3655935.3,      74.2,      88.4,      0.0);
( 477375.5, 3655935.3,      66.8,      93.2,      0.0);      ( 477393.1,
3655935.3,      60.4,      98.3,      0.0);
( 477410.8, 3655935.3,      60.5,      98.7,      0.0);      ( 477446.2,
3655935.3,      61.4,      98.7,      0.0);
( 477463.8, 3655935.3,      61.9,      98.8,      0.0);      ( 477481.5,
3655935.3,      59.3,      98.8,      0.0);
( 477499.2, 3655935.3,      56.7,      100.7,      0.0);      ( 477216.5,
3655963.1,      72.2,      97.5,      0.0);
( 477269.5, 3655963.1,      69.9,      88.5,      0.0);      ( 477287.1,
3655963.1,      69.4,      91.0,      0.0);
( 477304.8, 3655963.1,      72.4,      88.5,      0.0);      ( 477322.5,
3655963.1,      75.1,      88.4,      0.0);
( 477340.1, 3655963.1,      74.4,      88.5,      0.0);      ( 477357.8,
3655963.1,      75.4,      88.4,      0.0);
( 477375.5, 3655963.1,      71.0,      91.0,      0.0);      ( 477393.1,
3655963.1,      63.8,      98.2,      0.0);
( 477410.8, 3655963.1,      62.5,      98.7,      0.0);      ( 477463.8,
3655963.1,      63.4,      98.8,      0.0);
( 477481.5, 3655963.1,      64.1,      98.8,      0.0);      ( 477499.2,
3655963.1,      59.2,      100.7,      0.0);
( 477251.8, 3655990.9,      72.6,      88.4,      0.0);      ( 477269.5,
3655990.9,      71.6,      88.5,      0.0);
( 477287.1, 3655990.9,      74.8,      88.4,      0.0);      ( 477304.8,
3655990.9,      79.6,      83.2,      0.0);

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^ *** AERMOD - VERSION 22112 ***      *** C:\Users\enuno\OneDrive -
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*** AERMET - VERSION 22112 ***      ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(477322.5, 3655990.9,	81.5,	83.2,	0.0);	(477340.1,
3655990.9, 81.7,	83.4,	0.0);		
(477357.8, 3655990.9,	81.8,	83.4,	0.0);	(477375.5,
3655990.9, 74.3,	91.0,	0.0);		
(477393.1, 3655990.9,	68.6,	94.8,	0.0);	(477410.8,
3655990.9, 63.8,	98.8,	0.0);		
(477428.5, 3655990.9,	64.6,	98.8,	0.0);	(477481.5,
3655990.9, 66.0,	98.8,	0.0);		
(477499.2, 3655990.9,	62.7,	100.5,	0.0);	(477269.5,
3656018.7, 78.5,	88.3,	0.0);		
(477287.1, 3656018.7,	82.1,	82.1,	0.0);	(477304.8,
3656018.7, 82.9,	82.9,	0.0);		
(477322.5, 3656018.7,	82.9,	82.9,	0.0);	(477340.1,
3656018.7, 83.2,	83.2,	0.0);		
(477357.8, 3656018.7,	83.2,	83.2,	0.0);	(477375.5,
3656018.7, 82.4,	88.4,	0.0);		
(477393.1, 3656018.7,	76.9,	91.0,	0.0);	(477410.8,
3656018.7, 70.4,	96.0,	0.0);		
(477428.5, 3656018.7,	71.6,	95.0,	0.0);	(477481.5,
3656018.7, 68.0,	98.8,	0.0);		
(477499.2, 3656018.7,	67.8,	98.8,	0.0);	(477145.8,
3656046.5, 80.5,	81.5,	0.0);		
(477163.4, 3656046.5,	81.3,	81.3,	0.0);	(477181.1,
3656046.5, 81.3,	81.3,	0.0);		
(477198.8, 3656046.5,	81.2,	81.2,	0.0);	(477216.5,
3656046.5, 81.1,	81.1,	0.0);		
(477269.5, 3656046.5,	81.5,	81.5,	0.0);	(477287.1,
3656046.5, 81.7,	81.7,	0.0);		
(477304.8, 3656046.5,	81.8,	88.3,	0.0);	(477322.5,
3656046.5, 82.1,	88.4,	0.0);		
(477340.1, 3656046.5,	82.8,	88.4,	0.0);	(477357.8,
3656046.5, 83.2,	88.4,	0.0);		
(477375.5, 3656046.5,	83.3,	88.5,	0.0);	(477393.1,
3656046.5, 78.0,	93.2,	0.0);		
(477410.8, 3656046.5,	75.9,	94.8,	0.0);	(477428.5,
3656046.5, 72.3,	98.2,	0.0);		
(477446.2, 3656046.5,	70.2,	98.8,	0.0);	(477499.2,
3656046.5, 70.1,	98.8,	0.0);		
(477145.8, 3656074.2,	81.5,	81.5,	0.0);	(477163.4,
3656074.2, 80.9,	80.9,	0.0);		
(477181.1, 3656074.2,	80.6,	80.6,	0.0);	(477198.8,
3656074.2, 80.6,	80.6,	0.0);		
(477216.5, 3656074.2,	81.2,	81.2,	0.0);	(477234.1,

3656074.2,	81.2,	81.6,	0.0);		
(477287.1,	3656074.2,	80.8,	88.4,	0.0);	(477304.8,
3656074.2,	81.8,	88.4,	0.0);		
(477322.5,	3656074.2,	82.5,	88.4,	0.0);	(477340.1,
3656074.2,	84.4,	88.4,	0.0);		
(477357.8,	3656074.2,	87.1,	88.3,	0.0);	(477375.5,
3656074.2,	88.3,	88.3,	0.0);		
(477393.1,	3656074.2,	85.3,	88.5,	0.0);	(477410.8,
3656074.2,	77.8,	94.8,	0.0);		
(477428.5,	3656074.2,	76.9,	94.8,	0.0);	(477446.2,
3656074.2,	74.1,	98.7,	0.0);		
(477463.8,	3656074.2,	70.3,	99.1,	0.0);	(477481.5,
3656074.2,	70.5,	99.1,	0.0);		
(477499.2,	3656074.2,	70.7,	99.1,	0.0);	(477145.8,
3656102.0,	80.8,	80.8,	0.0);		
(477163.4,	3656102.0,	80.7,	80.7,	0.0);	(477181.1,
3656102.0,	81.4,	81.4,	0.0);		
(477198.8,	3656102.0,	81.5,	81.5,	0.0);	(477216.5,
3656102.0,	82.0,	82.0,	0.0);		
(477234.1,	3656102.0,	82.2,	82.2,	0.0);	(477287.1,
3656102.0,	81.2,	88.4,	0.0);		
(477304.8,	3656102.0,	81.6,	88.4,	0.0);	(477322.5,
3656102.0,	86.6,	88.3,	0.0);		
(477340.1,	3656102.0,	88.1,	88.1,	0.0);	(477357.8,
3656102.0,	88.2,	88.2,	0.0);		
(477375.5,	3656102.0,	88.3,	88.3,	0.0);	(477393.1,
3656102.0,	88.1,	88.1,	0.0);		
(477410.8,	3656102.0,	83.8,	91.1,	0.0);	(477428.5,
3656102.0,	87.5,	91.0,	0.0);		
(477446.2,	3656102.0,	78.5,	98.2,	0.0);	(477463.8,
3656102.0,	71.8,	99.1,	0.0);		
(477481.5,	3656102.0,	73.3,	99.1,	0.0);	(477499.2,
3656102.0,	74.3,	99.1,	0.0);		
(477145.8,	3656129.8,	81.4,	81.4,	0.0);	(477163.4,
3656129.8,	81.7,	81.7,	0.0);		
(477181.1,	3656129.8,	81.8,	81.8,	0.0);	(477198.8,
3656129.8,	81.3,	81.3,	0.0);		
(477216.5,	3656129.8,	81.5,	85.4,	0.0);	(477234.1,
3656129.8,	82.3,	82.3,	0.0);		
(477251.8,	3656129.8,	82.7,	85.2,	0.0);	(477375.5,
3656129.8,	87.9,	87.9,	0.0);		
(477393.1,	3656129.8,	88.3,	91.0,	0.0);	(477410.8,
3656129.8,	90.5,	91.0,	0.0);		
(477428.5,	3656129.8,	84.3,	94.8,	0.0);	(477446.2,
3656129.8,	82.1,	94.8,	0.0);		
(477463.8,	3656129.8,	78.1,	98.8,	0.0);	(477481.5,
3656129.8,	83.3,	96.0,	0.0);		

▲ *** AERMOD - VERSION 22112 *** C:\Users\enuno\OneDrive -
 Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23
 *** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(477499.2, 3656129.8,	82.7,	98.2,	0.0);	(477145.8,
3656157.6, 81.9, 83.2,	0.0);			
(477163.4, 3656157.6,	83.5,	83.5,	0.0);	(477181.1,
3656157.6, 83.0, 84.1,	0.0);			
(477198.8, 3656157.6,	82.4,	86.2,	0.0);	(477216.5,
3656157.6, 82.6, 86.4,	0.0);			
(477234.1, 3656157.6,	83.8,	85.5,	0.0);	(477251.8,
3656157.6, 85.1, 85.1,	0.0);			
(477357.8, 3656157.6,	88.1,	91.0,	0.0);	(477375.5,
3656157.6, 88.8, 91.1,	0.0);			
(477393.1, 3656157.6,	90.7,	90.7,	0.0);	(477410.8,
3656157.6, 91.0, 91.0,	0.0);			
(477428.5, 3656157.6,	90.5,	90.5,	0.0);	(477446.2,
3656157.6, 90.3, 90.3,	0.0);			
(477463.8, 3656157.6,	89.0,	93.5,	0.0);	(477481.5,
3656157.6, 90.6, 93.3,	0.0);			
(477499.2, 3656157.6,	93.0,	93.0,	0.0);	(477163.4,
3656185.4, 84.1, 84.2,	0.0);			
(477181.1, 3656185.4,	84.1,	84.1,	0.0);	(477198.8,
3656185.4, 84.8, 84.8,	0.0);			
(477216.5, 3656185.4,	85.9,	85.9,	0.0);	(477234.1,
3656185.4, 86.2, 86.2,	0.0);			
(477251.8, 3656185.4,	86.1,	86.1,	0.0);	(477269.5,
3656185.4, 86.0, 86.0,	0.0);			
(477446.2, 3656185.4,	90.7,	94.8,	0.0);	(477463.8,
3656185.4, 90.9, 94.8,	0.0);			
(477481.5, 3656185.4,	92.8,	93.3,	0.0);	(477499.2,
3656185.4, 93.1, 93.1,	0.0);			
(477145.8, 3656213.1,	84.0,	84.0,	0.0);	(477198.8,
3656213.1, 85.3, 85.3,	0.0);			
(477216.5, 3656213.1,	86.4,	86.4,	0.0);	(477234.1,
3656213.1, 86.7, 87.5,	0.0);			
(477251.8, 3656213.1,	87.2,	87.2,	0.0);	(477269.5,
3656213.1, 87.2, 87.2,	0.0);			
(477410.8, 3656213.1,	91.5,	91.5,	0.0);	(477428.5,
3656213.1, 91.4, 94.2,	0.0);			
(477446.2, 3656213.1,	91.8,	94.8,	0.0);	(477463.8,
3656213.1, 93.7, 94.4,	0.0);			
(477481.5, 3656213.1,	94.6,	94.8,	0.0);	(477499.2,
3656213.1, 93.8, 93.8,	0.0);			
(477145.8, 3656240.9,	84.2,	85.5,	0.0);	(477163.4,

3656240.9,	85.2,	85.2,	0.0);		
(477181.1,	3656240.9,	85.9,	85.9,	0.0);	(477234.1,
3656240.9,	87.5,	87.5,	0.0);		
(477251.8,	3656240.9,	88.1,	88.1,	0.0);	(477269.5,
3656240.9,	88.6,	88.6,	0.0);		
(477287.1,	3656240.9,	88.3,	88.3,	0.0);	(477304.8,
3656240.9,	88.3,	88.3,	0.0);		
(477446.2,	3656240.9,	93.9,	93.9,	0.0);	(477463.8,
3656240.9,	94.1,	94.1,	0.0);		
(477481.5,	3656240.9,	94.1,	94.1,	0.0);	(477499.2,
3656240.9,	94.4,	94.4,	0.0);		
(477145.8,	3656268.7,	84.5,	84.5,	0.0);	(477163.4,
3656268.7,	85.5,	85.5,	0.0);		
(477181.1,	3656268.7,	86.6,	86.6,	0.0);	(477198.8,
3656268.7,	87.3,	87.3,	0.0);		
(477216.5,	3656268.7,	87.5,	87.5,	0.0);	(477269.5,
3656268.7,	89.2,	89.2,	0.0);		
(477287.1,	3656268.7,	89.7,	89.7,	0.0);	(477322.5,
3656268.7,	89.0,	89.0,	0.0);		
(477340.1,	3656268.7,	89.1,	89.1,	0.0);	(477463.8,
3656268.7,	93.8,	93.8,	0.0);		
(477481.5,	3656268.7,	94.0,	94.0,	0.0);	(477499.2,
3656268.7,	94.7,	98.1,	0.0);		
(477163.4,	3656296.5,	85.4,	85.4,	0.0);	(477181.1,
3656296.5,	86.2,	86.2,	0.0);		
(477198.8,	3656296.5,	86.9,	89.0,	0.0);	(477216.5,
3656296.5,	88.6,	89.4,	0.0);		
(477234.1,	3656296.5,	89.4,	89.4,	0.0);	(477251.8,
3656296.5,	89.5,	89.5,	0.0);		
(477304.8,	3656296.5,	89.9,	89.9,	0.0);	(477322.5,
3656296.5,	89.8,	89.8,	0.0);		
(477340.1,	3656296.5,	90.1,	90.1,	0.0);	(477357.8,
3656296.5,	90.0,	90.0,	0.0);		
(477481.5,	3656296.5,	94.1,	98.0,	0.0);	(477499.2,
3656296.5,	94.6,	98.5,	0.0);		
(477145.8,	3656324.3,	87.5,	87.5,	0.0);	(477198.8,
3656324.3,	88.3,	88.3,	0.0);		
(477216.5,	3656324.3,	89.1,	89.1,	0.0);	(477234.1,
3656324.3,	89.6,	89.6,	0.0);		
(477251.8,	3656324.3,	89.6,	89.6,	0.0);	(477269.5,
3656324.3,	89.9,	89.9,	0.0);		
(477287.1,	3656324.3,	90.4,	90.4,	0.0);	(477304.8,
3656324.3,	90.3,	90.3,	0.0);		
(477322.5,	3656324.3,	90.7,	90.7,	0.0);	(477340.1,
3656324.3,	91.0,	91.0,	0.0);		
(477357.8,	3656324.3,	90.9,	90.9,	0.0);	(477375.5,
3656324.3,	90.6,	90.6,	0.0);		
(477481.5,	3656324.3,	94.4,	94.4,	0.0);	(477499.2,
3656324.3,	94.7,	98.5,	0.0);		

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(477114.7, 3655983.8,	73.7,	99.6,	0.0);	(477201.6,
3656328.3, 88.6,	88.6,	0.0);		
(477226.3, 3656328.3,	89.1,	89.1,	0.0);	(477250.9,
3656328.3, 89.6,	89.6,	0.0);		
(477275.6, 3656328.3,	90.5,	90.5,	0.0);	(477300.3,
3656328.3, 90.3,	90.3,	0.0);		
(477325.0, 3656328.3,	90.6,	90.6,	0.0);	(477349.7,
3656328.3, 91.0,	91.0,	0.0);		
(477374.3, 3656328.3,	90.8,	90.8,	0.0);	(477497.7,
3656328.3, 94.7,	98.5,	0.0);		
(477522.4, 3656328.3,	96.6,	98.5,	0.0);	(477547.1,
3656328.3, 98.8,	98.8,	0.0);		
(477621.1, 3656328.3,	99.1,	99.1,	0.0);	(477645.8,
3656328.3, 95.7,	101.8,	0.0);		
(477152.2, 3656345.0,	87.3,	87.3,	0.0);	(477201.6,
3656345.0, 88.4,	88.4,	0.0);		
(477226.3, 3656345.0,	89.1,	89.1,	0.0);	(477250.9,
3656345.0, 89.6,	89.6,	0.0);		
(477275.6, 3656345.0,	90.3,	90.3,	0.0);	(477300.3,
3656345.0, 90.5,	90.5,	0.0);		
(477325.0, 3656345.0,	90.6,	90.6,	0.0);	(477349.7,
3656345.0, 91.1,	91.1,	0.0);		
(477374.3, 3656345.0,	91.2,	91.2,	0.0);	(477497.7,
3656345.0, 94.6,	94.6,	0.0);		
(477522.4, 3656345.0,	95.5,	99.1,	0.0);	(477547.1,
3656345.0, 98.8,	98.8,	0.0);		
(477571.8, 3656345.0,	98.9,	98.9,	0.0);	(477596.5,
3656345.0, 99.0,	99.0,	0.0);		
(477621.1, 3656345.0,	99.5,	100.6,	0.0);	(477645.8,
3656345.0, 100.6,	100.6,	0.0);		
(477325.0, 3656361.7,	90.3,	90.3,	0.0);	(477349.7,
3656361.7, 91.1,	91.1,	0.0);		
(477374.3, 3656361.7,	91.6,	91.6,	0.0);	(477497.7,
3656361.7, 95.5,	95.5,	0.0);		
(477522.4, 3656361.7,	96.2,	99.0,	0.0);	(477547.1,
3656361.7, 99.0,	99.0,	0.0);		
(477571.8, 3656361.7,	99.1,	99.1,	0.0);	(477596.5,
3656361.7, 98.8,	100.0,	0.0);		
(477621.1, 3656361.7,	100.4,	100.4,	0.0);	(477645.8,

3656361.7,	100.8,	100.8,	0.0);		
(477325.0,	3656378.4,	90.4,	90.4,	0.0);	(477349.7,
3656378.4,	90.7,	90.7,	0.0);		
(477374.3,	3656378.4,	92.0,	92.0,	0.0);	(477497.7,
3656378.4,	95.5,	95.5,	0.0);		
(477522.4,	3656378.4,	96.2,	100.0,	0.0);	(477547.1,
3656378.4,	99.1,	99.1,	0.0);		
(477596.5,	3656378.4,	98.9,	100.6,	0.0);	(477621.1,
3656378.4,	100.5,	100.5,	0.0);		
(477645.8,	3656378.4,	101.0,	101.0,	0.0);	(477152.2,
3656395.1,	87.3,	87.3,	0.0);		
(477176.9,	3656395.1,	88.1,	88.1,	0.0);	(477201.6,
3656395.1,	88.8,	88.8,	0.0);		
(477226.3,	3656395.1,	89.3,	89.3,	0.0);	(477250.9,
3656395.1,	89.6,	89.6,	0.0);		
(477275.6,	3656395.1,	90.2,	90.2,	0.0);	(477300.3,
3656395.1,	90.5,	90.5,	0.0);		
(477325.0,	3656395.1,	90.6,	90.6,	0.0);	(477349.7,
3656395.1,	90.9,	92.4,	0.0);		
(477374.3,	3656395.1,	92.2,	92.2,	0.0);	(477448.4,
3656395.1,	94.6,	94.6,	0.0);		
(477497.7,	3656395.1,	95.1,	96.8,	0.0);	(477522.4,
3656395.1,	96.7,	100.0,	0.0);		
(477547.1,	3656395.1,	98.4,	100.0,	0.0);	(477571.8,
3656395.1,	99.7,	99.7,	0.0);		
(477596.5,	3656395.1,	100.0,	100.0,	0.0);	(477621.1,
3656395.1,	100.7,	100.7,	0.0);		
(477645.8,	3656395.1,	101.1,	101.1,	0.0);	(477152.2,
3656411.8,	88.4,	88.4,	0.0);		
(477176.9,	3656411.8,	88.5,	88.5,	0.0);	(477201.6,
3656411.8,	88.8,	88.8,	0.0);		
(477226.3,	3656411.8,	89.1,	89.1,	0.0);	(477250.9,
3656411.8,	89.9,	89.9,	0.0);		
(477275.6,	3656411.8,	90.3,	90.3,	0.0);	(477300.3,
3656411.8,	90.9,	90.9,	0.0);		
(477325.0,	3656411.8,	91.4,	91.4,	0.0);	(477349.7,
3656411.8,	91.9,	91.9,	0.0);		
(477374.3,	3656411.8,	92.2,	92.2,	0.0);	(477423.7,
3656411.8,	94.0,	94.0,	0.0);		
(477448.4,	3656411.8,	94.5,	94.5,	0.0);	(477497.7,
3656411.8,	95.3,	96.5,	0.0);		
(477522.4,	3656411.8,	96.7,	100.0,	0.0);	(477547.1,
3656411.8,	97.6,	100.7,	0.0);		
(477571.8,	3656411.8,	100.0,	100.0,	0.0);	(477596.5,
3656411.8,	100.1,	100.1,	0.0);		
(477621.1,	3656411.8,	100.8,	100.8,	0.0);	(477645.8,
3656411.8,	101.0,	101.0,	0.0);		
(477152.2,	3656428.5,	88.0,	88.0,	0.0);	(477176.9,
3656428.5,	88.1,	91.4,	0.0);		
(477201.6,	3656428.5,	88.5,	91.8,	0.0);	(477226.3,

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3656428.5,      89.1,      89.1,      0.0);
^ *** AERMOD - VERSION 22112 ***      *** C:\Users\enuno\OneDrive -
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*** AERMET - VERSION 22112 ***      ***
***      20:07:49

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 477250.9, 3656428.5,      89.7,      89.7,      0.0);      ( 477275.6,
3656428.5,      90.0,      90.0,      0.0);
( 477300.3, 3656428.5,      90.8,      90.8,      0.0);      ( 477325.0,
3656428.5,      91.2,      91.2,      0.0);
( 477349.7, 3656428.5,      91.6,      91.6,      0.0);      ( 477374.3,
3656428.5,      92.0,      92.0,      0.0);
( 477497.7, 3656428.5,      95.4,      95.4,      0.0);      ( 477522.4,
3656428.5,      96.4,      96.4,      0.0);
( 477547.1, 3656428.5,      97.2,      100.7,      0.0);      ( 477571.8,
3656428.5,      100.6,      100.6,      0.0);
( 477596.5, 3656428.5,      100.4,      100.4,      0.0);      ( 477621.1,
3656428.5,      99.9,      99.9,      0.0);
( 477645.8, 3656428.5,      100.8,      100.8,      0.0);      ( 477497.7,
3656445.2,      95.6,      95.6,      0.0);
( 477522.4, 3656445.2,      96.3,      96.3,      0.0);      ( 477547.1,
3656445.2,      97.0,      100.7,      0.0);
( 477571.8, 3656445.2,      100.6,      100.6,      0.0);      ( 477596.5,
3656445.2,      100.3,      100.3,      0.0);
( 477621.1, 3656445.2,      99.5,      100.7,      0.0);      ( 477645.8,
3656445.2,      100.1,      100.1,      0.0);
( 477152.2, 3656461.9,      89.8,      89.8,      0.0);      ( 477497.7,
3656461.9,      96.2,      96.2,      0.0);
( 477522.4, 3656461.9,      96.7,      96.7,      0.0);      ( 477547.1,
3656461.9,      97.1,      100.7,      0.0);
( 477571.8, 3656461.9,      100.4,      100.4,      0.0);      ( 477596.5,
3656461.9,      100.2,      100.2,      0.0);
( 477621.1, 3656461.9,      99.2,      99.2,      0.0);      ( 477645.8,
3656461.9,      99.4,      99.4,      0.0);
( 477152.2, 3656478.6,      89.9,      89.9,      0.0);      ( 477497.7,
3656478.6,      96.3,      96.3,      0.0);
( 477522.4, 3656478.6,      96.7,      98.4,      0.0);      ( 477547.1,
3656478.6,      97.3,      100.5,      0.0);
( 477571.8, 3656478.6,      98.8,      100.6,      0.0);      ( 477596.5,
3656478.6,      100.1,      100.1,      0.0);
( 477621.1, 3656478.6,      99.0,      99.0,      0.0);      ( 477645.8,
3656478.6,      99.2,      99.2,      0.0);
( 477152.2, 3656495.3,      89.7,      89.7,      0.0);      ( 477497.7,

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3656495.3,	96.6,	96.6,	0.0);		
(477522.4,	3656495.3,	98.0,	98.0,	0.0);	(477547.1,
3656495.3,	98.4,	98.4,	0.0);		
(477571.8,	3656495.3,	98.9,	100.4,	0.0);	(477596.5,
3656495.3,	100.1,	100.1,	0.0);		
(477621.1,	3656495.3,	98.8,	98.8,	0.0);	(477645.8,
3656495.3,	99.0,	99.0,	0.0);		
(477152.2,	3656512.0,	89.8,	89.8,	0.0);	(477176.9,
3656512.0,	90.1,	92.4,	0.0);		
(477300.3,	3656512.0,	93.3,	93.3,	0.0);	(477325.0,
3656512.0,	93.7,	93.7,	0.0);		
(477349.7,	3656512.0,	93.7,	93.7,	0.0);	(477374.3,
3656512.0,	93.7,	93.7,	0.0);		
(477399.0,	3656512.0,	93.6,	93.6,	0.0);	(477522.4,
3656512.0,	97.7,	97.7,	0.0);		
(477547.1,	3656512.0,	98.3,	98.3,	0.0);	(477571.8,
3656512.0,	98.7,	100.2,	0.0);		
(477596.5,	3656512.0,	99.9,	99.9,	0.0);	(477621.1,
3656512.0,	99.2,	99.2,	0.0);		
(477645.8,	3656512.0,	99.1,	99.5,	0.0);	(477176.9,
3656528.7,	91.3,	92.3,	0.0);		
(477300.3,	3656528.7,	93.1,	93.1,	0.0);	(477325.0,
3656528.7,	93.7,	93.7,	0.0);		
(477349.7,	3656528.7,	93.7,	93.7,	0.0);	(477374.3,
3656528.7,	93.7,	93.7,	0.0);		
(477399.0,	3656528.7,	93.7,	93.7,	0.0);	(477522.4,
3656528.7,	97.6,	97.6,	0.0);		
(477547.1,	3656528.7,	97.9,	97.9,	0.0);	(477571.8,
3656528.7,	98.5,	98.5,	0.0);		
(477596.5,	3656528.7,	98.5,	100.0,	0.0);	(477621.1,
3656528.7,	98.1,	99.9,	0.0);		
(477645.8,	3656528.7,	98.2,	98.2,	0.0);	(477176.9,
3656545.4,	92.3,	92.3,	0.0);		
(477300.3,	3656545.4,	93.2,	93.2,	0.0);	(477325.0,
3656545.4,	93.7,	93.7,	0.0);		
(477349.7,	3656545.4,	93.5,	93.5,	0.0);	(477374.3,
3656545.4,	93.3,	93.3,	0.0);		
(477399.0,	3656545.4,	93.7,	93.7,	0.0);	(477423.7,
3656545.4,	94.3,	94.3,	0.0);		
(477522.4,	3656545.4,	97.6,	97.6,	0.0);	(477547.1,
3656545.4,	98.0,	98.0,	0.0);		
(477571.8,	3656545.4,	98.6,	98.6,	0.0);	(477596.5,
3656545.4,	97.6,	98.6,	0.0);		
(477621.1,	3656545.4,	97.4,	97.4,	0.0);	(477645.8,
3656545.4,	97.7,	97.7,	0.0);		
(477176.9,	3656562.1,	92.0,	92.0,	0.0);	(477300.3,
3656562.1,	93.2,	93.2,	0.0);		
(477325.0,	3656562.1,	93.6,	93.6,	0.0);	(477349.7,
3656562.1,	93.7,	93.7,	0.0);		
(477374.3,	3656562.1,	93.7,	93.7,	0.0);	(477399.0,

3656562.1, 93.7, 93.7, 0.0);
(477423.7, 3656562.1, 93.7, 98.5, 0.0); (477522.4,
3656562.1, 97.9, 97.9, 0.0);

▲ *** AERMOD - VERSION 22112 *** *** C:\Users\enuno\OneDrive -
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*** AERMET - VERSION 22112 *** ***
*** 20:07:49

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(477547.1, 3656562.1, 98.3, 98.3, 0.0); (477571.8,
3656562.1, 98.6, 98.8, 0.0);
(477596.5, 3656562.1, 97.3, 97.3, 0.0); (477621.1,
3656562.1, 96.6, 96.6, 0.0);
(477645.8, 3656562.1, 97.3, 97.3, 0.0); (477176.9,
3656578.8, 92.3, 92.3, 0.0);
(477201.6, 3656578.8, 92.3, 92.3, 0.0); (477325.0,
3656578.8, 93.5, 93.5, 0.0);
(477349.7, 3656578.8, 93.7, 93.7, 0.0); (477374.3,
3656578.8, 93.7, 93.7, 0.0);
(477399.0, 3656578.8, 93.6, 93.6, 0.0); (477423.7,
3656578.8, 93.7, 99.0, 0.0);
(477547.1, 3656578.8, 98.4, 98.4, 0.0); (477571.8,
3656578.8, 97.8, 97.8, 0.0);
(477596.5, 3656578.8, 97.4, 97.4, 0.0); (477621.1,
3656578.8, 96.4, 96.4, 0.0);
(477645.8, 3656578.8, 97.1, 97.1, 0.0); (477201.6,
3656595.5, 92.5, 94.5, 0.0);
(477547.1, 3656595.5, 98.4, 98.4, 0.0); (477571.8,
3656595.5, 97.8, 97.8, 0.0);
(477596.5, 3656595.5, 96.9, 96.9, 0.0); (477621.1,
3656595.5, 96.8, 96.8, 0.0);
(477645.8, 3656595.5, 97.1, 97.1, 0.0); (477152.2,
3656612.2, 94.0, 96.8, 0.0);
(477201.6, 3656612.2, 94.5, 94.5, 0.0); (477547.1,
3656612.2, 98.5, 98.5, 0.0);
(477571.8, 3656612.2, 97.6, 97.6, 0.0); (477596.5,
3656612.2, 96.8, 96.8, 0.0);
(477621.1, 3656612.2, 97.3, 97.3, 0.0); (477645.8,
3656612.2, 97.3, 97.3, 0.0);
(477152.2, 3656628.9, 95.0, 95.0, 0.0); (477201.6,
3656628.9, 94.7, 96.0, 0.0);
(477547.1, 3656628.9, 98.2, 98.2, 0.0); (477571.8,
3656628.9, 98.1, 99.0, 0.0);
(477596.5, 3656628.9, 97.6, 97.6, 0.0); (477621.1,

3656628.9,	97.3,	97.3,	0.0);		
(477645.8,	3656628.9,	97.8,	97.8,	0.0);	(477152.2,
3656645.6,	95.0,	95.0,	0.0);		
(477226.3,	3656645.6,	96.2,	96.2,	0.0);	(477250.9,
3656645.6,	97.8,	97.8,	0.0);		
(477571.8,	3656645.6,	99.1,	99.1,	0.0);	(477596.5,
3656645.6,	97.9,	97.9,	0.0);		
(477621.1,	3656645.6,	97.0,	97.0,	0.0);	(477645.8,
3656645.6,	97.9,	97.9,	0.0);		
(477152.2,	3656662.3,	95.2,	100.5,	0.0);	(477176.9,
3656662.3,	95.1,	100.5,	0.0);		
(477226.3,	3656662.3,	96.5,	97.4,	0.0);	(477250.9,
3656662.3,	97.7,	99.5,	0.0);		
(477275.6,	3656662.3,	99.6,	99.6,	0.0);	(477300.3,
3656662.3,	99.2,	99.2,	0.0);		
(477571.8,	3656662.3,	99.4,	99.4,	0.0);	(477596.5,
3656662.3,	97.9,	97.9,	0.0);		
(477621.1,	3656662.3,	97.2,	97.2,	0.0);	(477645.8,
3656662.3,	97.8,	97.8,	0.0);		
(477421.2,	3656372.6,	93.2,	93.2,	0.0);	(477559.3,
3656388.3,	99.6,	99.6,	0.0);		
(477319.9,	3656674.0,	99.5,	99.5,	0.0);	(477344.0,
3656677.8,	100.0,	100.0,	0.0);		
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3656689.1,	100.5,	100.5,	0.0);		
(477431.4,	3656698.9,	100.8,	100.8,	0.0);	(477571.5,
3656690.6,	99.8,	99.8,	0.0);		
(477603.9,	3656690.6,	97.8,	97.8,	0.0);	(477657.4,
3656687.6,	97.8,	97.8,	0.0);		
(477758.4,	3656642.8,	73.7,	101.8,	0.0);	(477748.6,
3656612.3,	70.4,	102.0,	0.0);		
(477888.1,	3655990.0,	38.6,	101.8,	0.0);	(477889.4,
3655769.8,	25.8,	101.8,	0.0);		
(477434.1,	3655867.7,	58.0,	96.0,	0.0);	(477466.7,
3655808.8,	48.5,	98.8,	0.0);		
(477495.5,	3655776.1,	44.6,	98.8,	0.0);	(477449.8,
3655743.6,	43.7,	101.0,	0.0);		
(477442.4,	3655709.8,	43.0,	101.0,	0.0);	(477442.4,
3655666.8,	41.9,	101.0,	0.0);		
(477505.3,	3655671.8,	38.8,	100.9,	0.0);	(477564.5,
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(477601.8,	3655648.8,	38.8,	95.0,	0.0);	(477621.8,
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3655648.8,	33.5,	98.8,	0.0);		
(477681.8,	3655648.8,	32.0,	98.8,	0.0);	(477701.8,
3655648.8,	33.4,	98.8,	0.0);		
(477721.8,	3655648.8,	34.8,	97.6,	0.0);	(477941.8,
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(477961.8,	3655648.8,	17.4,	101.8,	0.0);	(477981.8,

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3655648.8,      19.4,      101.8,      0.0);
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3655668.8,      39.7,      97.5,      0.0);
( 477621.8, 3655668.8,      37.9,      98.0,      0.0);      ( 477641.8,
3655668.8,      35.6,      98.8,      0.0);

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^ *** AERMOD - VERSION 22112 ***      *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua ***      02/12/23
*** AERMET - VERSION 22112 ***      ***
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PAGE 19

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 477661.8, 3655668.8,      34.6,      98.8,      0.0);      ( 477681.8,
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3655668.8,      20.2,      101.8,      0.0);
( 477981.8, 3655668.8,      20.3,      101.8,      0.0);      ( 478001.8,
3655668.8,      19.1,      101.8,      0.0);
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3655688.8,      38.6,      98.8,      0.0);
( 477641.8, 3655688.8,      37.8,      98.8,      0.0);      ( 477721.8,
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( 477921.8, 3655688.8,      20.5,      101.8,      0.0);      ( 477941.8,
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( 477961.8, 3655688.8,      20.6,      101.8,      0.0);      ( 477981.8,
3655688.8,      20.3,      101.8,      0.0);
( 478001.8, 3655688.8,      20.0,      101.8,      0.0);      ( 477601.8,
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( 477621.8, 3655708.8,      41.0,      98.7,      0.0);      ( 477641.8,
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( 477721.8, 3655708.8,      38.8,      98.8,      0.0);      ( 477941.8,
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( 477961.8, 3655708.8,      22.3,      101.8,      0.0);      ( 477981.8,
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( 477961.8, 3655728.8,      22.7,      101.8,      0.0);      ( 477981.8,
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(477861.8,	3655768.8,	28.0,	101.8,	0.0);	(477881.8,
3655768.8,	25.9,	101.8,	0.0);		
(477901.8,	3655768.8,	25.5,	101.8,	0.0);	(477941.8,
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3655828.8,      35.2,      101.8,      0.0);

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^ *** AERMOD - VERSION 22112 ***      *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua ***      02/12/23
*** AERMET - VERSION 22112 ***      ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 477821.8, 3655828.8,      33.5,      101.8,      0.0);      ( 477841.8,
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( 477901.8, 3655828.8,      28.1,      101.8,      0.0);      ( 477921.8,
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( 477981.8, 3655828.8,      26.5,      101.8,      0.0);      ( 478001.8,
3655828.8,      25.2,      101.8,      0.0);
( 477601.8, 3655848.8,      57.9,      96.5,      0.0);      ( 477621.8,
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( 477641.8, 3655848.8,      60.0,      93.2,      0.0);      ( 477661.8,
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( 477681.8, 3655848.8,      59.3,      93.2,      0.0);      ( 477701.8,
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( 477841.8, 3655848.8,      33.3,      101.8,      0.0);      ( 477861.8,
3655848.8,      30.4,      101.8,      0.0);
( 477881.8, 3655848.8,      29.9,      101.8,      0.0);      ( 477901.8,
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( 477961.8, 3655848.8,      27.5,      101.8,      0.0);      ( 477981.8,
3655848.8,      26.7,      101.8,      0.0);
( 478001.8, 3655848.8,      26.0,      101.8,      0.0);      ( 477601.8,

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(477781.8,	3655868.8,	41.0,	101.8,	0.0);	(477801.8,
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(477861.8,	3655868.8,	32.1,	101.8,	0.0);	(477881.8,
3655868.8,	30.1,	101.8,	0.0);		
(477901.8,	3655868.8,	30.1,	101.8,	0.0);	(477921.8,
3655868.8,	29.8,	101.8,	0.0);		
(477941.8,	3655868.8,	28.8,	101.8,	0.0);	(477961.8,
3655868.8,	28.9,	101.8,	0.0);		
(477981.8,	3655868.8,	27.7,	101.8,	0.0);	(478001.8,
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(477681.8,	3655888.8,	59.3,	97.5,	0.0);	(477701.8,
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3655888.8,	33.7,	101.8,	0.0);		
(477881.8,	3655888.8,	31.8,	101.8,	0.0);	(477901.8,
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(477921.8,	3655888.8,	30.5,	101.8,	0.0);	(477941.8,
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(477961.8,	3655888.8,	30.3,	101.8,	0.0);	(477981.8,
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(477741.8,	3655908.8,	46.4,	101.8,	0.0);	(477761.8,

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( 477821.8, 3655908.8,      40.3,      101.8,      0.0);      ( 477841.8,
3655908.8,      36.1,      101.8,      0.0);
( 477861.8, 3655908.8,      34.4,      101.8,      0.0);      ( 477881.8,
3655908.8,      32.8,      101.8,      0.0);
( 477901.8, 3655908.8,      32.1,      101.8,      0.0);      ( 477921.8,
3655908.8,      31.6,      101.8,      0.0);
^ *** AERMOD - VERSION 22112 ***      *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua ***      02/12/23
*** AERMET - VERSION 22112 ***      ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 477841.8, 3655928.8,      38.6,      101.8,      0.0);      ( 477861.8,
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( 477961.8, 3655928.8,      32.0,      101.8,      0.0);      ( 477981.8,
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( 478001.8, 3655928.8,      30.8,      101.8,      0.0);      ( 477601.8,
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3655948.8,	48.2,	101.8,	0.0);		
(477781.8,	3655948.8,	46.7,	101.8,	0.0);	(477801.8,
3655948.8,	43.0,	101.8,	0.0);		
(477821.8,	3655948.8,	41.7,	101.8,	0.0);	(477841.8,
3655948.8,	39.0,	101.8,	0.0);		
(477861.8,	3655948.8,	36.4,	101.8,	0.0);	(477881.8,
3655948.8,	35.6,	101.8,	0.0);		
(477901.8,	3655948.8,	34.7,	101.8,	0.0);	(477921.8,
3655948.8,	34.6,	101.8,	0.0);		
(477941.8,	3655948.8,	33.2,	101.8,	0.0);	(477961.8,
3655948.8,	32.9,	101.8,	0.0);		
(477981.8,	3655948.8,	32.8,	101.8,	0.0);	(478001.8,
3655948.8,	32.0,	101.8,	0.0);		
(477601.8,	3655968.8,	62.7,	100.5,	0.0);	(477621.8,
3655968.8,	66.1,	98.8,	0.0);		
(477641.8,	3655968.8,	69.8,	96.2,	0.0);	(477661.8,
3655968.8,	70.9,	93.2,	0.0);		
(477681.8,	3655968.8,	70.8,	70.8,	0.0);	(477701.8,
3655968.8,	63.0,	100.5,	0.0);		
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3655968.8,	55.3,	101.8,	0.0);		
(477761.8,	3655968.8,	51.9,	101.8,	0.0);	(477781.8,
3655968.8,	48.1,	101.8,	0.0);		
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3655968.8,	40.9,	101.8,	0.0);		
(477841.8,	3655968.8,	40.0,	101.8,	0.0);	(477861.8,
3655968.8,	37.6,	101.8,	0.0);		
(477881.8,	3655968.8,	38.2,	101.8,	0.0);	(477901.8,
3655968.8,	35.7,	101.8,	0.0);		
(477921.8,	3655968.8,	35.7,	101.8,	0.0);	(477941.8,
3655968.8,	34.9,	101.8,	0.0);		
(477961.8,	3655968.8,	34.2,	101.8,	0.0);	(477981.8,
3655968.8,	33.9,	101.8,	0.0);		
(478001.8,	3655968.8,	32.4,	101.8,	0.0);	(477601.8,
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(477621.8,	3655988.8,	70.0,	97.6,	0.0);	(477641.8,
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3655988.8,	70.5,	96.2,	0.0);		
(477701.8,	3655988.8,	62.3,	101.8,	0.0);	(477721.8,
3655988.8,	58.4,	101.8,	0.0);		
(477741.8,	3655988.8,	54.3,	101.8,	0.0);	(477761.8,
3655988.8,	53.0,	101.8,	0.0);		
(477781.8,	3655988.8,	46.2,	101.8,	0.0);	(477801.8,
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(477821.8,	3655988.8,	41.0,	101.8,	0.0);	(477841.8,

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3655988.8,      40.8,      101.8,      0.0);
( 477861.8, 3655988.8,      39.5,      101.8,      0.0);      ( 477881.8,
3655988.8,      38.5,      101.8,      0.0);
( 477901.8, 3655988.8,      38.4,      101.8,      0.0);      ( 477921.8,
3655988.8,      36.4,      101.8,      0.0);
( 477941.8, 3655988.8,      36.3,      101.8,      0.0);      ( 477961.8,
3655988.8,      35.4,      101.8,      0.0);
( 477981.8, 3655988.8,      34.8,      101.8,      0.0);      ( 478001.8,
3655988.8,      33.2,      101.8,      0.0);
( 477601.8, 3656008.8,      70.6,      98.8,      0.0);      ( 477621.8,
3656008.8,      72.2,      97.6,      0.0);

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^ *** AERMOD - VERSION 22112 ***      *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua ***      02/12/23
*** AERMET - VERSION 22112 ***      ***

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*** 20:07:49

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```

( 477641.8, 3656008.8,      70.6,      98.7,      0.0);      ( 477661.8,
3656008.8,      67.8,      98.9,      0.0);
( 477681.8, 3656008.8,      67.2,      100.5,      0.0);      ( 477701.8,
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( 477721.8, 3656008.8,      57.7,      101.8,      0.0);      ( 477741.8,
3656008.8,      53.0,      101.8,      0.0);
( 477761.8, 3656008.8,      48.2,      101.8,      0.0);      ( 477781.8,
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( 477801.8, 3656008.8,      44.0,      101.8,      0.0);      ( 477821.8,
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( 477841.8, 3656008.8,      41.0,      101.8,      0.0);      ( 477861.8,
3656008.8,      39.9,      101.8,      0.0);
( 477881.8, 3656008.8,      39.8,      101.8,      0.0);      ( 477901.8,
3656008.8,      41.0,      101.8,      0.0);
( 477921.8, 3656008.8,      39.9,      101.8,      0.0);      ( 477941.8,
3656008.8,      37.4,      101.8,      0.0);
( 477961.8, 3656008.8,      36.1,      101.8,      0.0);      ( 477981.8,
3656008.8,      35.5,      101.8,      0.0);
( 478001.8, 3656008.8,      34.1,      101.8,      0.0);      ( 477601.8,
3656028.8,      73.6,      98.7,      0.0);
( 477621.8, 3656028.8,      74.8,      97.5,      0.0);      ( 477641.8,
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( 477661.8, 3656028.8,      67.1,      101.5,      0.0);      ( 477681.8,
3656028.8,      64.5,      101.8,      0.0);
( 477701.8, 3656028.8,      62.8,      101.8,      0.0);      ( 477721.8,
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( 477741.8, 3656028.8,      52.1,      101.8,      0.0);      ( 477761.8,

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3656028.8,	48.2,	101.8,	0.0);		
(477781.8,	3656028.8,	46.6,	101.8,	0.0);	(477801.8,
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(477821.8,	3656028.8,	43.1,	101.8,	0.0);	(477841.8,
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(477881.8,	3656048.8,	44.4,	101.8,	0.0);	(477901.8,
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(478001.8,	3656048.8,	37.0,	101.8,	0.0);	(477912.7,
3655638.2,	17.5,	101.8,	0.0);		
(477940.8,	3655629.9,	16.9,	101.8,	0.0);	(477970.9,
3655616.9,	16.3,	101.8,	0.0);		
(477725.9,	3655737.7,	38.8,	101.1,	0.0);	(477803.8,
3655735.0,	32.1,	101.8,	0.0);		
(478027.8,	3656091.0,	37.2,	101.8,	0.0);	(478041.4,
3656113.3,	37.5,	101.8,	0.0);		
(478061.0,	3656112.3,	36.5,	101.8,	0.0);	(478037.0,
3656044.8,	34.3,	101.8,	0.0);		
(478025.6,	3656015.9,	33.2,	101.8,	0.0);	(478021.2,
3655996.8,	32.4,	101.8,	0.0);		
(478014.7,	3655971.3,	32.5,	101.8,	0.0);	(478067.5,
3656028.4,	32.2,	101.8,	0.0);		
(478072.4,	3656050.2,	32.3,	101.8,	0.0);	(478061.0,
3656005.0,	31.6,	101.8,	0.0);		
(478059.3,	3655962.6,	29.1,	101.8,	0.0);	(478151.3,

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

10.80, 1.54, 3.09, 5.14, 8.23,

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

Upper air station no.: 3190
Name: UNKNOWN
Year: 2019

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
19	01	01	1	01	-6.7	0.101	-9.000	-9.000	-999.	77.	13.9	0.03	0.93	
1.00	1.57	25.		7.9	280.3	2.0								
19	01	01	1	02	-8.6	0.115	-9.000	-9.000	-999.	94.	15.9	0.03	0.93	
1.00	1.79	35.		7.9	279.8	2.0								
19	01	01	1	03	-16.3	0.162	-9.000	-9.000	-999.	156.	28.8	0.03	0.93	
1.00	2.45	31.		7.9	279.2	2.0								
19	01	01	1	04	-8.4	0.114	-9.000	-9.000	-999.	93.	15.6	0.03	0.93	
1.00	1.77	41.		7.9	278.1	2.0								
19	01	01	1	05	-13.0	0.143	-9.000	-9.000	-999.	129.	22.4	0.03	0.93	
1.00	2.18	30.		7.9	279.2	2.0								
19	01	01	1	06	-12.3	0.139	-9.000	-9.000	-999.	124.	21.2	0.03	0.93	
1.00	2.10	24.		7.9	278.8	2.0								
19	01	01	1	07	-13.6	0.146	-9.000	-9.000	-999.	134.	23.5	0.03	0.93	
1.00	2.20	6.		7.9	279.8	2.0								
19	01	01	1	08	-15.9	0.231	-9.000	-9.000	-999.	267.	69.9	0.03	0.93	
0.50	3.42	40.		7.9	280.9	2.0								
19	01	01	1	09	30.2	0.206	0.499	0.005	148.	225.	-26.1	0.03	0.93	
0.29	2.61	41.		7.9	283.1	2.0								
19	01	01	1	10	77.6	0.226	0.818	0.005	254.	258.	-13.4	0.03	0.93	
0.22	2.67	7.		7.9	284.8	2.0								
19	01	01	1	11	110.3	0.226	1.328	0.005	763.	257.	-9.4	0.03	0.93	
0.20	2.57	17.		7.9	286.4	2.0								
19	01	01	1	12	125.8	0.231	1.462	0.005	892.	267.	-8.8	0.03	0.93	
0.19	2.62	2.		7.9	287.0	2.0								
19	01	01	1	13	123.8	0.281	1.512	0.005	1004.	358.	-16.1	0.03	0.93	
0.19	3.35	353.		7.9	287.5	2.0								
19	01	01	1	14	104.6	0.245	1.470	0.005	1090.	292.	-12.7	0.03	0.93	
0.20	2.88	7.		7.9	288.8	2.0								
19	01	01	1	15	68.4	0.246	1.295	0.005	1142.	293.	-19.6	0.03	0.93	
0.23	3.07	64.		7.9	288.8	2.0								
19	01	01	1	16	18.1	0.311	0.835	0.005	1153.	416.	-149.4	0.03	0.93	
0.32	4.29	87.		7.9	287.0	2.0								
19	01	01	1	17	-24.0	0.270	-9.000	-9.000	-999.	337.	79.9	0.03	0.93	
0.60	3.93	114.		7.9	285.3	2.0								
19	01	01	1	18	-6.3	0.099	-9.000	-9.000	-999.	106.	13.6	0.03	0.93	
1.00	1.53	116.		7.9	283.8	2.0								
19	01	01	1	19	-6.7	0.101	-9.000	-9.000	-999.	78.	14.0	0.03	0.93	
1.00	1.57	98.		7.9	282.0	2.0								
19	01	01	1	20	-3.4	0.072	-9.000	-9.000	-999.	47.	10.0	0.03	0.93	
1.00	1.11	98.		7.9	279.8	2.0								
19	01	01	1	21	-5.6	0.092	-9.000	-9.000	-999.	67.	12.5	0.03	0.93	
1.00	1.43	25.		7.9	279.8	2.0								
19	01	01	1	22	-7.2	0.105	-9.000	-9.000	-999.	81.	14.3	0.03	0.93	
1.00	1.64	39.		7.9	279.2	2.0								
19	01	01	1	23	-16.3	0.161	-9.000	-9.000	-999.	155.	28.5	0.03	0.93	

1.00 2.44 49. 7.9 279.2 2.0
 19 01 01 1 24 -25.8 0.257 -9.000 -9.000 -999. 312. 72.5 0.03 0.93
 1.00 3.83 69. 7.9 280.3 2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
 19 01 01 01 7.9 1 25. 1.57 280.4 99.0 -99.00 -99.00

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

*** AERMOD - VERSION 22112 *** C:\Users\enuno\OneDrive -
 Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23
 *** AERMET - VERSION 22112 ***
 *** 20:07:49

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
477841.42	3656223.07	115.52956	477884.09
3656215.48	89.62244		
477799.16	3656239.28	98.20028	477767.77
3656252.20	65.97859		
477881.27	3656161.04	120.33617	477928.70
3656143.00	62.93393		
477877.59	3656112.60	79.61011	477859.22
3656047.80	31.41328		
477843.19	3656065.17	45.31192	477822.81
3656055.81	40.97960		
477769.69	3656067.17	51.28035	477723.93

3656083.21	54.19800		
477686.85	3656091.89	46.08254	477657.45
3656112.94	40.90543		
477613.02	3656131.64	28.67759	477697.85
3656267.16	24.93509		
477940.95	3656208.14	54.51933	477968.46
3656121.68	36.09533		
477929.95	3656071.37	27.76962	477929.95
3656071.37	27.76962		
477909.12	3656026.18	18.93892	477551.47
3656176.31	9.34258		
477556.58	3656193.99	8.84121	477563.65
3656214.04	8.37640		
477568.37	3656233.30	7.90522	477575.84
3656249.80	7.69611		
477732.03	3656324.49	15.99171	477771.22
3656319.93	22.13452		
477799.28	3656302.26	34.27402	477848.01
3656278.80	46.67013		
477855.40	3656303.97	33.81916	477662.28
3656312.36	9.70187		
477646.69	3656291.64	9.97104	477595.93
3656279.18	7.63166		
477601.71	3656295.67	7.32616	477613.11
3656310.25	7.34192		
477616.82	3656345.21	6.46049	477618.05
3656360.60	6.07361		
477656.63	3656372.50	6.52155	477693.56
3656356.70	7.92045		
477826.11	3656362.04	19.32786	477760.56
3656385.54	9.61297		
477685.56	3656397.61	5.87157	477529.12
3656164.51	8.60320		
477507.50	3656168.05	7.50138	477912.17
3656272.01	37.29926		
477898.42	3656260.31	45.18783	477991.80
3656212.32	33.09127		
477524.85	3656024.54	13.81775	477517.81
3655938.11	8.75580		
477507.57	3655899.06	7.04295	477512.69
3655838.24	5.30048		
477570.95	3655927.23	9.28308	477586.31
3655965.64	12.26027		
477585.03	3656041.82	16.10065	477594.63
3656082.15	15.44710		
477556.22	3655822.24	5.27664	477568.39
3655878.57	7.08343		
477543.42	3655763.34	4.04211	477533.71
3656261.02	5.95551		
477515.67	3656264.72	5.42885	477538.79

3656296.18	5.34579		
477553.60	3656327.17	5.12666	477555.45
3656350.29	4.80407		
477800.31	3656428.13	10.67540	477875.86
3656385.24	15.79367		
477831.04	3656391.64	15.10739	477898.26
3656364.11	18.14635		
477933.48	3656357.07	17.12227	477932.20
3656435.18	10.59870		
478012.87	3656438.38	8.33199	477838.08
3656479.35	8.92075		
477877.14	3656481.27	9.13065	477858.57
3656540.18	6.67508		
477797.10	3656557.46	5.48400	477980.86
3656506.24	6.86821		
478021.83	3656533.14	5.68216	478071.77
3656518.41	5.33091		
478101.22	3656514.57	5.08878	478071.13
3656478.71	6.09311		

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 Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23
 *** AERMET - VERSION 22112 ***
 *** 20:07:49

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
478062.17	3656435.82	7.26588	478019.91
3656485.12	6.76067		

477516.52	3656524.97	2.67607	477145.77
3655768.66	3.18454		
477163.44	3655768.66	3.27649	477181.11
3655768.66	3.32850		
477198.78	3655768.66	3.38049	477216.45
3655768.66	3.44199		
477357.81	3655768.66	3.59007	477393.15
3655768.66	3.74636		
477410.82	3655768.66	3.81088	477428.49
3655768.66	3.70993		
477145.77	3655796.44	3.41809	477163.44
3655796.44	3.51315		
477181.11	3655796.44	3.57883	477198.78
3655796.44	3.64475		
477216.45	3655796.44	3.71191	477340.14
3655796.44	3.84862		
477393.15	3655796.44	4.13615	477410.82
3655796.44	4.19053		
477428.49	3655796.44	4.22726	477145.77
3655824.22	3.67013		
477163.44	3655824.22	3.75739	477181.11
3655824.22	3.83603		
477198.78	3655824.22	3.91876	477216.45
3655824.22	3.99782		
477304.80	3655824.22	4.11739	477322.47
3655824.22	4.16817		
477393.15	3655824.22	4.54406	477410.82
3655824.22	4.67220		
477428.49	3655824.22	4.77379	477145.77
3655852.00	3.89611		
477163.44	3655852.00	4.00049	477181.11
3655852.00	4.09743		
477198.78	3655852.00	4.19741	477287.13
3655852.00	4.46650		
477304.80	3655852.00	4.54496	477340.14
3655852.00	4.70213		
477357.81	3655852.00	4.80871	477375.48
3655852.00	4.88816		
477428.49	3655852.00	5.29300	477145.77
3655879.78	4.10750		
477163.44	3655879.78	4.22870	477181.11
3655879.78	4.34321		
477269.46	3655879.78	4.79318	477322.47
3655879.78	5.11598		
477340.14	3655879.78	5.26480	477357.81
3655879.78	5.35457		
477375.48	3655879.78	5.34764	477393.15
3655879.78	5.53412		
477428.49	3655879.78	5.86577	477446.16
3655879.78	6.11046		

477463.83	3655879.78	6.11998	477481.50
3655879.78	6.22116		
477499.17	3655879.78	6.35689	477145.77
3655907.56	4.28011		
477163.44	3655907.56	4.41953	477181.11
3655907.56	4.56786		
477251.79	3655907.56	5.12955	477304.80
3655907.56	5.48828		
477322.47	3655907.56	5.63409	477340.14
3655907.56	5.87185		
477357.81	3655907.56	6.08622	477375.48
3655907.56	6.08822		
477393.15	3655907.56	6.13186	477428.49
3655907.56	6.57936		
477446.16	3655907.56	6.84944	477463.83
3655907.56	7.09283		
477481.50	3655907.56	7.10665	477499.17
3655907.56	7.19383		
477234.12	3655935.34	5.29215	477287.13
3655935.34	5.82541		
477304.80	3655935.34	5.94392	477322.47
3655935.34	6.25708		
477340.14	3655935.34	6.34563	477357.81
3655935.34	6.39291		
477375.48	3655935.34	6.89310	477393.15
3655935.34	6.82952		
477410.82	3655935.34	7.11403	477446.16
3655935.34	7.76934		

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 *** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

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

	477463.83	3655935.34	8.08618	477481.50
3655935.34		8.23128		
	477499.17	3655935.34	8.29058	477216.45
3655963.12		5.23206		
	477269.46	3655963.12	5.95409	477287.13
3655963.12		6.20071		
	477304.80	3655963.12	6.33600	477322.47
3655963.12		6.32842		
	477340.14	3655963.12	6.63760	477357.81
3655963.12		6.76696		
	477375.48	3655963.12	7.49035	477393.15
3655963.12		7.63960		
	477410.82	3655963.12	7.90392	477463.83
3655963.12		9.10443		
	477481.50	3655963.12	9.51894	477499.17
3655963.12		9.64363		
	477251.79	3655990.90	5.78484	477269.46
3655990.90		6.08839		
	477287.13	3655990.90	6.12675	477304.80
3655990.90		5.82382		
	477322.47	3655990.90	5.79713	477340.14
3655990.90		6.00642		
	477357.81	3655990.90	6.22868	477375.48
3655990.90		7.64078		
	477393.15	3655990.90	8.46897	477410.82
3655990.90		8.62356		
	477428.49	3655990.90	9.10280	477481.50
3655990.90		10.64405		
	477499.17	3655990.90	11.11027	477269.46
3656018.68		5.55502		
	477287.13	3656018.68	5.35746	477304.80
3656018.68		5.49816		
	477322.47	3656018.68	5.75041	477340.14
3656018.68		5.97203		
	477357.81	3656018.68	6.23447	477375.48
3656018.68		6.66298		
	477393.15	3656018.68	7.96945	477410.82
3656018.68		9.36885		
	477428.49	3656018.68	9.72772	477481.50
3656018.68		11.78880		
	477499.17	3656018.68	12.46949	477145.77
3656046.46		3.82780		
	477163.44	3656046.46	3.92485	477181.11

3656046.46	4.10369		
477198.78	3656046.46	4.29260	477216.45
3656046.46	4.50314		
477269.46	3656046.46	5.11828	477287.13
3656046.46	5.35288		
477304.80	3656046.46	5.60360	477322.47
3656046.46	5.83536		
477340.14	3656046.46	6.04229	477357.81
3656046.46	6.29775		
477375.48	3656046.46	6.61233	477393.15
3656046.46	7.96189		
477410.82	3656046.46	8.84182	477428.49
3656046.46	10.06892		
477446.16	3656046.46	11.01068	477499.17
3656046.46	13.34665		
477145.77	3656074.24	3.58338	477163.44
3656074.24	3.78581		
477181.11	3656074.24	3.98251	477198.78
3656074.24	4.16288		
477216.45	3656074.24	4.30551	477234.12
3656074.24	4.50609		
477287.13	3656074.24	5.28344	477304.80
3656074.24	5.43172		
477322.47	3656074.24	5.62558	477340.14
3656074.24	5.65656		
477357.81	3656074.24	5.62865	477375.48
3656074.24	5.81720		
477393.15	3656074.24	6.57691	477410.82
3656074.24	8.43909		
477428.49	3656074.24	9.20398	477446.16
3656074.24	10.51239		
477463.83	3656074.24	12.06182	477481.50
3656074.24	12.93023		
477499.17	3656074.24	13.89536	477145.77
3656102.02	3.44277		
477163.44	3656102.02	3.60075	477181.11
3656102.02	3.70247		

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 *** 20:07:49

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010

```

, L0000011      , L0000012      , L0000013      ,
                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
477198.78	3656102.02	3.85962	477216.45
3656102.02	3.98913		
477234.12	3656102.02	4.16008	477287.13
3656102.02	4.95738		
477304.80	3656102.02	5.17857	477322.47
3656102.02	4.82510		
477340.14	3656102.02	4.93109	477357.81
3656102.02	5.21835		
477375.48	3656102.02	5.54278	477393.15
3656102.02	5.91822		
477410.82	3656102.02	6.95689	477428.49
3656102.02	6.84149		
477446.16	3656102.02	9.18600	477463.83
3656102.02	11.70692		
477481.50	3656102.02	12.25911	477499.17
3656102.02	12.93592		
477145.77	3656129.80	3.19786	477163.44
3656129.80	3.30877		
477181.11	3656129.80	3.44465	477198.78
3656129.80	3.63774		
477216.45	3656129.80	3.79267	477234.12
3656129.80	3.89362		
477251.79	3656129.80	4.03828	477375.48
3656129.80	5.18435		
477393.15	3656129.80	5.48277	477410.82
3656129.80	5.65159		
477428.49	3656129.80	6.86201	477446.16
3656129.80	7.82685		
477463.83	3656129.80	9.48366	477481.50
3656129.80	8.80511		
477499.17	3656129.80	9.71863	477145.77
3656157.58	2.97594		
477163.44	3656157.58	2.97677	477181.11
3656157.58	3.13774		

477198.78	3656157.58	3.32046	477216.45
3656157.58	3.45060		
477234.12	3656157.58	3.49313	477251.79
3656157.58	3.53332		
477357.81	3656157.58	4.46802	477375.48
3656157.58	4.67296		
477393.15	3656157.58	4.80791	477410.82
3656157.58	5.11955		
477428.49	3656157.58	5.53381	477446.16
3656157.58	5.97936		
477463.83	3656157.58	6.58947	477481.50
3656157.58	7.00264		
477499.17	3656157.58	7.48489	477163.44
3656185.36	2.76287		
477181.11	3656185.36	2.86532	477198.78
3656185.36	2.93287		
477216.45	3656185.36	2.97057	477234.12
3656185.36	3.07518		
477251.79	3656185.36	3.21117	477269.46
3656185.36	3.37345		
477446.16	3656185.36	5.37786	477463.83
3656185.36	5.77852		
477481.50	3656185.36	6.13453	477499.17
3656185.36	6.67369		
477145.77	3656213.14	2.52693	477198.78
3656213.14	2.73382		
477216.45	3656213.14	2.76730	477234.12
3656213.14	2.85907		
477251.79	3656213.14	2.94319	477269.46
3656213.14	3.07030		
477410.82	3656213.14	4.26194	477428.49
3656213.14	4.54619		
477446.16	3656213.14	4.84451	477463.83
3656213.14	5.09859		
477481.50	3656213.14	5.47200	477499.17
3656213.14	5.97156		
477145.77	3656240.92	2.40456	477163.44
3656240.92	2.43158		
477181.11	3656240.92	2.47775	477234.12
3656240.92	2.66879		
477251.79	3656240.92	2.73996	477269.46
3656240.92	2.82259		
477287.13	3656240.92	2.96592	477304.80
3656240.92	3.10462		
477446.16	3656240.92	4.39456	477463.83
3656240.92	4.69905		

^ *** AERMOD - VERSION 22112 *** *** C:\Users\enuno\OneDrive -
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*** AERMET - VERSION 22112 *** ***

*** 20:07:49

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
477481.50	3656240.92	5.05529	477499.17
3656240.92	5.44403		
477145.77	3656268.70	2.30141	477163.44
3656268.70	2.32721		
477181.11	3656268.70	2.34671	477198.78
3656268.70	2.39176		
477216.45	3656268.70	2.46666	477269.46
3656268.70	2.67142		
477287.13	3656268.70	2.75322	477322.47
3656268.70	3.05265		
477340.14	3656268.70	3.19308	477463.83
3656268.70	4.39751		
477481.50	3656268.70	4.69371	477499.17
3656268.70	5.01590		
477163.44	3656296.48	2.25864	477181.11
3656296.48	2.29455		
477198.78	3656296.48	2.33629	477216.45
3656296.48	2.32862		
477234.12	3656296.48	2.37091	477251.79
3656296.48	2.45770		
477304.80	3656296.48	2.75374	477322.47
3656296.48	2.88345		
477340.14	3656296.48	2.99263	477357.81
3656296.48	3.14265		
477481.50	3656296.48	4.34642	477499.17

3656296.48	4.62207		
477145.77	3656324.26	2.02102	477198.78
3656324.26	2.19182		
477216.45	3656324.26	2.22919	477234.12
3656324.26	2.28549		
477251.79	3656324.26	2.36833	477269.46
3656324.26	2.44643		
477287.13	3656324.26	2.51393	477304.80
3656324.26	2.62236		
477322.47	3656324.26	2.70941	477340.14
3656324.26	2.81268		
477357.81	3656324.26	2.94087	477375.48
3656324.26	3.08912		
477481.50	3656324.26	4.00187	477499.17
3656324.26	4.24782		
477114.73	3655983.83	4.15891	477201.58
3656328.31	2.18151		
477226.26	3656328.31	2.26291	477250.94
3656328.31	2.35653		
477275.62	3656328.31	2.43337	477300.30
3656328.31	2.57821		
477324.98	3656328.31	2.71150	477349.66
3656328.31	2.85733		
477374.34	3656328.31	3.04511	477497.74
3656328.31	4.17582		
477522.42	3656328.31	4.52069	477547.10
3656328.31	4.96398		
477621.14	3656328.31	7.09215	477645.82
3656328.31	8.08213		
477152.22	3656345.01	2.01362	477201.58
3656345.01	2.15121		
477226.26	3656345.01	2.21968	477250.94
3656345.01	2.30312		
477275.62	3656345.01	2.38336	477300.30
3656345.01	2.50091		
477324.98	3656345.01	2.63584	477349.66
3656345.01	2.76042		
477374.34	3656345.01	2.91619	477497.74
3656345.01	3.98330		
477522.42	3656345.01	4.33205	477547.10
3656345.01	4.71276		
477571.78	3656345.01	5.25235	477596.46
3656345.01	5.88657		
477621.14	3656345.01	6.59423	477645.82
3656345.01	7.32085		
477324.98	3656361.71	2.56699	477349.66
3656361.71	2.66741		
477374.34	3656361.71	2.79358	477497.74
3656361.71	3.78313		
477522.42	3656361.71	4.12069	477547.10

3656361.71	4.48523		
477571.78	3656361.71	4.97845	477596.46
3656361.71	5.54093		
477621.14	3656361.71	6.11964	477645.82
3656361.71	6.70177		

*** AERMOD - VERSION 22112 *** *** C:\Users\enuno\OneDrive -
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 *** AERMET - VERSION 22112 *** ***
 *** 20:07:49

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
477324.98	3656378.41	2.48111	477349.66
3656378.41	2.59246		
477374.34	3656378.41	2.67506	477497.74
3656378.41	3.62938		
477522.42	3656378.41	3.94601	477547.10
3656378.41	4.27939		
477596.46	3656378.41	5.21042	477621.14
3656378.41	5.68523		
477645.82	3656378.41	6.13777	477152.22
3656395.11	1.90261		
477176.90	3656395.11	1.94328	477201.58
3656395.11	1.99549		
477226.26	3656395.11	2.05526	477250.94
3656395.11	2.12920		
477275.62	3656395.11	2.19407	477300.30
3656395.11	2.28417		

477324.98	3656395.11	2.38794	477349.66
3656395.11	2.49708		
477374.34	3656395.11	2.57178	477448.38
3656395.11	3.01168		
477497.74	3656395.11	3.50358	477522.42
3656395.11	3.77632		
477547.10	3656395.11	4.09808	477571.78
3656395.11	4.46983		
477596.46	3656395.11	4.88032	477621.14
3656395.11	5.27885		
477645.82	3656395.11	5.62635	477152.22
3656411.81	1.81584		
477176.90	3656411.81	1.88168	477201.58
3656411.81	1.94217		
477226.26	3656411.81	2.00716	477250.94
3656411.81	2.05628		
477275.62	3656411.81	2.12583	477300.30
3656411.81	2.19334		
477324.98	3656411.81	2.27509	477349.66
3656411.81	2.36923		
477374.34	3656411.81	2.48364	477423.70
3656411.81	2.73302		
477448.38	3656411.81	2.91428	477497.74
3656411.81	3.37309		
477522.42	3656411.81	3.62621	477547.10
3656411.81	3.92774		
477571.78	3656411.81	4.23207	477596.46
3656411.81	4.58127		
477621.14	3656411.81	4.90143	477645.82
3656411.81	5.16467		
477152.22	3656428.51	1.78803	477176.90
3656428.51	1.85119		
477201.58	3656428.51	1.90629	477226.26
3656428.51	1.95307		
477250.94	3656428.51	2.00340	477275.62
3656428.51	2.07290		
477300.30	3656428.51	2.13163	477324.98
3656428.51	2.21002		
477349.66	3656428.51	2.30684	477374.34
3656428.51	2.41878		
477497.74	3656428.51	3.25174	477522.42
3656428.51	3.49046		
477547.10	3656428.51	3.75695	477571.78
3656428.51	3.99856		
477596.46	3656428.51	4.29601	477621.14
3656428.51	4.56437		
477645.82	3656428.51	4.75061	477497.74
3656445.21	3.13031		
477522.42	3656445.21	3.35228	477547.10
3656445.21	3.58971		

477571.78	3656445.21	3.78376	477596.46
3656445.21	4.03068		
477621.14	3656445.21	4.24766	477645.82
3656445.21	4.38308		
477152.22	3656461.91	1.63337	477497.74
3656461.91	3.00206		
477522.42	3656461.91	3.20657	477547.10
3656461.91	3.41926		
477571.78	3656461.91	3.58099	477596.46
3656461.91	3.78353		
477621.14	3656461.91	3.95609	477645.82
3656461.91	4.05464		
477152.22	3656478.61	1.58654	477497.74
3656478.61	2.89021		

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 *** AERMET - VERSION 22112 *** ***
 *** 20:07:49

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
477522.42	3656478.61	3.07281	477547.10
3656478.61	3.25193		
477571.78	3656478.61	3.40923	477596.46
3656478.61	3.55067		
477621.14	3656478.61	3.68927	477645.82
3656478.61	3.75251		
477152.22	3656495.31	1.55388	477497.74

3656495.31	2.77633		
477522.42	3656495.31	2.91612	477547.10
3656495.31	3.07703		
477571.78	3656495.31	3.22325	477596.46
3656495.31	3.33445		
477621.14	3656495.31	3.44305	477645.82
3656495.31	3.48242		
477152.22	3656512.01	1.51143	477176.90
3656512.01	1.55129		
477300.30	3656512.01	1.78153	477324.98
3656512.01	1.86215		
477349.66	3656512.01	1.96328	477374.34
3656512.01	2.07244		
477399.02	3656512.01	2.19743	477522.42
3656512.01	2.79753		
477547.10	3656512.01	2.93062	477571.78
3656512.01	3.05145		
477596.46	3656512.01	3.13389	477621.14
3656512.01	3.20813		
477645.82	3656512.01	3.23282	477176.90
3656528.71	1.47581		
477300.30	3656528.71	1.75333	477324.98
3656528.71	1.82607		
477349.66	3656528.71	1.92290	477374.34
3656528.71	2.02800		
477399.02	3656528.71	2.14103	477522.42
3656528.71	2.67908		
477547.10	3656528.71	2.79554	477571.78
3656528.71	2.89085		
477596.46	3656528.71	2.96822	477621.14
3656528.71	3.01911		
477645.82	3656528.71	3.02493	477176.90
3656545.41	1.41383		
477300.30	3656545.41	1.71858	477324.98
3656545.41	1.79148		
477349.66	3656545.41	1.88879	477374.34
3656545.41	1.99480		
477399.02	3656545.41	2.08779	477423.70
3656545.41	2.18065		
477522.42	3656545.41	2.56303	477547.10
3656545.41	2.65929		
477571.78	3656545.41	2.73365	477596.46
3656545.41	2.80932		
477621.14	3656545.41	2.84202	477645.82
3656545.41	2.83384		
477176.90	3656562.11	1.39514	477300.30
3656562.11	1.68929		
477324.98	3656562.11	1.76003	477349.66
3656562.11	1.84487		
477374.34	3656562.11	1.93829	477399.02

3656562.11	2.03587		
477423.70	3656562.11	2.13816	477522.42
3656562.11	2.44613		
477547.10	3656562.11	2.52576	477571.78
3656562.11	2.58802		
477596.46	3656562.11	2.65495	477621.14
3656562.11	2.68469		
477645.82	3656562.11	2.65911	477176.90
3656578.81	1.36400		
477201.58	3656578.81	1.41673	477324.98
3656578.81	1.72796		
477349.66	3656578.81	1.80652	477374.34
3656578.81	1.89417		
477399.02	3656578.81	1.98793	477423.70
3656578.81	2.07809		
477547.10	3656578.81	2.40268	477571.78
3656578.81	2.46641		
477596.46	3656578.81	2.50350	477621.14
3656578.81	2.52875		
477645.82	3656578.81	2.49761	477201.58
3656595.51	1.39037		
477547.10	3656595.51	2.28635	477571.78
3656595.51	2.33789		

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 *** 20:07:49

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

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

	477596.46	3656595.51	2.37483	477621.14
3656595.51	2.37323			
	477645.82	3656595.51	2.34728	477152.22
3656612.21	1.22861			
	477201.58	3656612.21	1.31642	477547.10
3656612.21	2.17605			
	477571.78	3656612.21	2.22269	477596.46
3656612.21	2.24893			
	477621.14	3656612.21	2.23000	477645.82
3656612.21	2.20699			
	477152.22	3656628.91	1.18884	477201.58
3656628.91	1.29451			
	477547.10	3656628.91	2.08021	477571.78
3656628.91	2.10060			
	477596.46	3656628.91	2.11249	477621.14
3656628.91	2.10702			
	477645.82	3656628.91	2.07451	477152.22
3656645.61	1.17489			
	477226.26	3656645.61	1.29426	477250.94
3656645.61	1.31638			
	477571.78	3656645.61	1.98054	477596.46
3656645.61	1.99762			
	477621.14	3656645.61	1.99954	477645.82
3656645.61	1.95840			
	477152.22	3656662.31	1.15440	477176.90
3656662.31	1.20176			
	477226.26	3656662.31	1.26830	477250.94
3656662.31	1.29450			
	477275.62	3656662.31	1.31488	477300.30
3656662.31	1.37395			
	477571.78	3656662.31	1.87851	477596.46
3656662.31	1.89673			
	477621.14	3656662.31	1.89156	477645.82
3656662.31	1.85651			
	477421.18	3656372.58	2.98729	477559.28
3656388.35	4.35539			
	477319.87	3656674.00	1.39136	477343.98
3656677.77	1.42888			
	477368.09	3656684.55	1.46309	477396.72
3656689.07	1.50938			
	477431.37	3656698.86	1.54643	477571.50
3656690.58	1.72287			
	477603.90	3656690.58	1.73767	477657.39
3656687.56	1.70731			
	477758.40	3656642.79	3.41821	477748.60
3656612.31	4.17456			
	477888.11	3655990.04	14.46561	477889.39
3655769.75	3.86319			

477434.08	3655867.73	5.66411	477466.74
3655808.81	4.45552		
477495.55	3655776.15	3.97049	477449.77
3655743.56	3.39078		
477442.36	3655709.78	3.03077	477442.36
3655666.75	2.66591		
477505.29	3655671.84	2.75749	477564.51
3655701.92	3.27273		
477601.81	3655648.79	2.73429	477621.81
3655648.79	2.71930		
477641.81	3655648.79	2.68449	477661.81
3655648.79	2.68976		
477681.81	3655648.79	2.67808	477701.81
3655648.79	2.71712		
477721.81	3655648.79	2.75536	477941.81
3655648.79	2.38740		
477961.81	3655648.79	2.35402	477981.81
3655648.79	2.33309		
478001.81	3655648.79	2.28336	477601.81
3655668.79	2.92213		
477621.81	3655668.79	2.90890	477641.81
3655668.79	2.88157		
477661.81	3655668.79	2.88127	477681.81
3655668.79	2.88736		
477701.81	3655668.79	2.91344	477721.81
3655668.79	2.93369		
477941.81	3655668.79	2.56067	477961.81
3655668.79	2.52046		
477981.81	3655668.79	2.48151	478001.81
3655668.79	2.42933		
477601.81	3655688.79	3.13743	477621.81
3655688.79	3.11117		

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*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
477641.81	3655688.79	3.12124	477721.81
3655688.79	3.20026		
477921.81	3655688.79	2.76572	477941.81
3655688.79	2.72816		
477961.81	3655688.79	2.68504	477981.81
3655688.79	2.63757		
478001.81	3655688.79	2.58635	477601.81
3655708.79	3.38121		
477621.81	3655708.79	3.39001	477641.81
3655708.79	3.41429		
477721.81	3655708.79	3.45971	477941.81
3655708.79	2.92865		
477961.81	3655708.79	2.88046	477981.81
3655708.79	2.81967		
478001.81	3655708.79	2.76255	477601.81
3655728.79	3.69111		
477621.81	3655728.79	3.73133	477641.81
3655728.79	3.66117		
477721.81	3655728.79	3.71516	477941.81
3655728.79	3.14326		
477961.81	3655728.79	3.08413	477981.81
3655728.79	3.01266		
478001.81	3655728.79	2.94626	477601.81
3655748.79	4.03477		
477761.81	3655748.79	3.94612	477821.81
3655748.79	3.75454		
477841.81	3655748.79	3.68684	477861.81
3655748.79	3.62719		
477881.81	3655748.79	3.57737	477901.81
3655748.79	3.51318		
477941.81	3655748.79	3.37589	477961.81
3655748.79	3.30835		
477981.81	3655748.79	3.23238	478001.81
3655748.79	3.14961		
477601.81	3655768.79	4.43118	477761.81
3655768.79	4.33808		
477821.81	3655768.79	4.07426	477841.81
3655768.79	3.99839		
477861.81	3655768.79	3.95431	477881.81

3655768.79	3.87048		
477901.81	3655768.79	3.80751	477941.81
3655768.79	3.64632		
477961.81	3655768.79	3.56866	477981.81
3655768.79	3.47365		
478001.81	3655768.79	3.37650	477601.81
3655788.79	4.92981		
477761.81	3655788.79	4.69969	477821.81
3655788.79	4.43140		
477841.81	3655788.79	4.37541	477861.81
3655788.79	4.31399		
477881.81	3655788.79	4.22855	477901.81
3655788.79	4.15482		
477941.81	3655788.79	3.96141	477961.81
3655788.79	3.85258		
477981.81	3655788.79	3.75145	478001.81
3655788.79	3.63918		
477601.81	3655808.79	5.38738	477761.81
3655808.79	5.19243		
477781.81	3655808.79	5.10068	477801.81
3655808.79	4.97751		
477821.81	3655808.79	4.89831	477841.81
3655808.79	4.83390		
477861.81	3655808.79	4.72863	477881.81
3655808.79	4.63432		
477901.81	3655808.79	4.52771	477941.81
3655808.79	4.31438		
477961.81	3655808.79	4.19331	477981.81
3655808.79	4.08411		
478001.81	3655808.79	3.92803	477601.81
3655828.79	5.94880		
477621.81	3655828.79	6.12547	477641.81
3655828.79	6.20487		
477661.81	3655828.79	6.32701	477681.81
3655828.79	6.37859		
477701.81	3655828.79	6.48558	477721.81
3655828.79	6.48799		
477741.81	3655828.79	6.03358	477761.81
3655828.79	5.80224		
477781.81	3655828.79	5.64994	477801.81
3655828.79	5.50846		

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
477821.81	3655828.79	5.41424	477841.81
3655828.79	5.33918		
477861.81	3655828.79	5.20501	477881.81
3655828.79	5.08581		
477901.81	3655828.79	4.96774	477921.81
3655828.79	4.85197		
477941.81	3655828.79	4.71499	477961.81
3655828.79	4.56323		
477981.81	3655828.79	4.42363	478001.81
3655828.79	4.25821		
477601.81	3655848.79	6.58900	477621.81
3655848.79	6.73112		
477641.81	3655848.79	6.83134	477661.81
3655848.79	6.95380		
477681.81	3655848.79	7.03428	477701.81
3655848.79	7.13232		
477721.81	3655848.79	7.22029	477741.81
3655848.79	6.73214		
477761.81	3655848.79	6.45184	477781.81
3655848.79	6.31213		
477801.81	3655848.79	6.25385	477821.81
3655848.79	6.06950		
477841.81	3655848.79	5.91587	477861.81
3655848.79	5.74806		
477881.81	3655848.79	5.62866	477901.81
3655848.79	5.48375		
477921.81	3655848.79	5.33668	477941.81
3655848.79	5.17039		
477961.81	3655848.79	4.99596	477981.81
3655848.79	4.81144		

478001.81	3655848.79	4.62648	477601.81
3655868.79	7.27845		
477621.81	3655868.79	7.42619	477641.81
3655868.79	7.54611		
477661.81	3655868.79	7.66956	477681.81
3655868.79	7.72853		
477701.81	3655868.79	7.90324	477721.81
3655868.79	7.91076		
477741.81	3655868.79	7.32294	477761.81
3655868.79	7.13132		
477781.81	3655868.79	7.13067	477801.81
3655868.79	7.02156		
477821.81	3655868.79	6.77421	477841.81
3655868.79	6.58701		
477861.81	3655868.79	6.43454	477881.81
3655868.79	6.24604		
477901.81	3655868.79	6.08942	477921.81
3655868.79	5.90911		
477941.81	3655868.79	5.69570	477961.81
3655868.79	5.49920		
477981.81	3655868.79	5.26708	478001.81
3655868.79	5.05190		
477601.81	3655888.79	8.01420	477621.81
3655888.79	8.25619		
477641.81	3655888.79	8.19241	477661.81
3655888.79	8.30654		
477681.81	3655888.79	8.77768	477701.81
3655888.79	8.79062		
477721.81	3655888.79	8.42157	477741.81
3655888.79	8.24168		
477761.81	3655888.79	8.01333	477781.81
3655888.79	7.94822		
477801.81	3655888.79	7.88962	477821.81
3655888.79	7.72398		
477841.81	3655888.79	7.41766	477861.81
3655888.79	7.26022		
477881.81	3655888.79	7.02383	477901.81
3655888.79	6.81510		
477921.81	3655888.79	6.56939	477941.81
3655888.79	6.32409		
477961.81	3655888.79	6.08138	477981.81
3655888.79	5.79428		
478001.81	3655888.79	5.53996	477601.81
3655908.79	8.98875		
477621.81	3655908.79	9.25158	477641.81
3655908.79	9.14046		
477661.81	3655908.79	9.22138	477681.81
3655908.79	9.76791		
477701.81	3655908.79	10.04817	477721.81
3655908.79	9.69139		

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 *** AERMET - VERSION 22112 *** ***
 *** 20:07:49

PAGE 36

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
477741.81	3655908.79	9.49610	477761.81
3655908.79	9.60470		
477781.81	3655908.79	9.20412	477801.81
3655908.79	8.99956		
477821.81	3655908.79	8.89568	477841.81
3655908.79	8.48111		
477861.81	3655908.79	8.22268	477881.81
3655908.79	7.93899		
477901.81	3655908.79	7.66137	477921.81
3655908.79	7.36295		
477941.81	3655908.79	7.04936	477961.81
3655908.79	6.74617		
477981.81	3655908.79	6.41279	478001.81
3655908.79	6.09929		
477601.81	3655928.79	10.09010	477621.81
3655928.79	10.37058		
477641.81	3655928.79	9.68482	477661.81
3655928.79	9.08440		
477681.81	3655928.79	10.27727	477701.81
3655928.79	11.34747		
477721.81	3655928.79	11.21587	477741.81

3655928.79	10.93523		
477761.81	3655928.79	11.07874	477781.81
3655928.79	10.88203		
477801.81	3655928.79	10.45930	477821.81
3655928.79	10.32700		
477841.81	3655928.79	9.86024	477861.81
3655928.79	9.41735		
477881.81	3655928.79	9.09627	477901.81
3655928.79	8.71395		
477921.81	3655928.79	8.30877	477941.81
3655928.79	7.90861		
477961.81	3655928.79	7.52893	477981.81
3655928.79	7.12569		
478001.81	3655928.79	6.74856	477601.81
3655948.79	11.41160		
477621.81	3655948.79	11.55928	477641.81
3655948.79	10.35191		
477661.81	3655948.79	10.19060	477681.81
3655948.79	10.60475		
477701.81	3655948.79	12.96261	477721.81
3655948.79	13.29279		
477741.81	3655948.79	13.03970	477761.81
3655948.79	13.01450		
477781.81	3655948.79	12.83275	477801.81
3655948.79	12.22666		
477821.81	3655948.79	11.93009	477841.81
3655948.79	11.43338		
477861.81	3655948.79	10.92404	477881.81
3655948.79	10.48047		
477901.81	3655948.79	9.98628	477921.81
3655948.79	9.50814		
477941.81	3655948.79	8.95864	477961.81
3655948.79	8.46359		
477981.81	3655948.79	7.99226	478001.81
3655948.79	7.51587		
477601.81	3655968.79	12.89651	477621.81
3655968.79	12.88439		
477641.81	3655968.79	12.06993	477661.81
3655968.79	11.79532		
477681.81	3655968.79	11.85848	477701.81
3655968.79	14.96549		
477721.81	3655968.79	15.87888	477741.81
3655968.79	16.42906		
477761.81	3655968.79	16.20895	477781.81
3655968.79	15.44731		
477801.81	3655968.79	14.52110	477821.81
3655968.79	13.94376		
477841.81	3655968.79	13.51920	477861.81
3655968.79	12.85918		
477881.81	3655968.79	12.35215	477901.81

3655968.79	11.57017		
477921.81	3655968.79	10.93097	477941.81
3655968.79	10.25626		
477961.81	3655968.79	9.60553	477981.81
3655968.79	9.01228		
478001.81	3655968.79	8.39840	477601.81
3655988.79	13.77799		
477621.81	3655988.79	13.65589	477641.81
3655988.79	13.79706		

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 Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23
 *** AERMET - VERSION 22112 *** ***
 *** 20:07:49

PAGE 37

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
477661.81	3655988.79	13.82169	477681.81
3655988.79	14.05576		
477701.81	3655988.79	17.95101	477721.81
3655988.79	19.12160		
477741.81	3655988.79	19.54388	477761.81
3655988.79	19.76364		
477781.81	3655988.79	17.98018	477801.81
3655988.79	17.48349		
477821.81	3655988.79	16.76796	477841.81
3655988.79	16.27323		
477861.81	3655988.79	15.45881	477881.81
3655988.79	14.57221		

477901.81	3655988.79	13.71017	477921.81
3655988.79	12.69138		
477941.81	3655988.79	11.85570	477961.81
3655988.79	11.00499		
477981.81	3655988.79	10.23564	478001.81
3655988.79	9.47386		
477601.81	3656008.79	14.99352	477621.81
3656008.79	14.80733		
477641.81	3656008.79	15.97686	477661.81
3656008.79	17.87252		
477681.81	3656008.79	18.67231	477701.81
3656008.79	21.57638		
477721.81	3656008.79	23.24616	477741.81
3656008.79	23.54804		
477761.81	3656008.79	22.41915	477781.81
3656008.79	21.67597		
477801.81	3656008.79	21.56905	477821.81
3656008.79	20.76571		
477841.81	3656008.79	19.97036	477861.81
3656008.79	18.81587		
477881.81	3656008.79	17.62083	477901.81
3656008.79	16.55862		
477921.81	3656008.79	15.22790	477941.81
3656008.79	13.85480		
477961.81	3656008.79	12.72697	477981.81
3656008.79	11.73871		
478001.81	3656008.79	10.78912	477601.81
3656028.79	15.65463		
477621.81	3656028.79	15.73042	477641.81
3656028.79	17.69735		
477661.81	3656028.79	21.58558	477681.81
3656028.79	24.16704		
477701.81	3656028.79	26.28099	477721.81
3656028.79	28.32590		
477741.81	3656028.79	29.04639	477761.81
3656028.79	28.30215		
477781.81	3656028.79	28.31469	477801.81
3656028.79	27.49160		
477821.81	3656028.79	26.86498	477841.81
3656028.79	25.46134		
477861.81	3656028.79	23.96787	477881.81
3656028.79	22.18344		
477901.81	3656028.79	20.03707	477921.81
3656028.79	18.35470		
477941.81	3656028.79	16.43231	477961.81
3656028.79	14.97715		
477981.81	3656028.79	13.61454	478001.81
3656028.79	12.51514		
477601.81	3656048.79	14.86318	477621.81
3656048.79	15.36656		

477641.81	3656048.79	20.32187	477661.81
3656048.79	27.13190		
477681.81	3656048.79	30.29011	477701.81
3656048.79	33.25175		
477721.81	3656048.79	35.25210	477741.81
3656048.79	36.83808		
477761.81	3656048.79	37.44321	477781.81
3656048.79	38.25303		
477801.81	3656048.79	37.42808	477821.81
3656048.79	36.41694		
477841.81	3656048.79	34.40307	477861.81
3656048.79	31.48135		
477881.81	3656048.79	28.35294	477901.81
3656048.79	25.05908		
477921.81	3656048.79	22.44218	477941.81
3656048.79	20.03280		
477961.81	3656048.79	17.95969	477981.81
3656048.79	16.01747		

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 *** 20:07:49

PAGE 38

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
478001.81	3656048.79	14.52343	477912.66
3655638.19	2.35217		
477940.84	3655629.86	2.25461	477970.87

3655616.86	2.12817		
477725.92	3655737.71	3.84127	477803.76
3655734.98	3.61937		
478027.75	3656091.03	17.20500	478041.36
3656113.34	18.50043		
478060.95	3656112.26	15.96941	478037.00
3656044.76	11.78256		
478025.57	3656015.90	10.25137	478021.21
3655996.85	9.25279		
478014.68	3655971.27	8.17720	478067.48
3656028.42	9.30243		
478072.38	3656050.20	10.27388	478060.95
3656005.02	8.37538		
478059.32	3655962.56	6.70966	478151.32
3656028.97	6.92394		
478160.57	3656063.26	7.66125	478204.12
3656046.39	6.13871		
478192.14	3656007.74	5.59250	478130.09
3655980.52	6.00808		
478178.53	3655965.82	4.90932	478105.59
3655906.49	4.60602		
478186.15	3655923.91	4.11524	478197.58
3656141.65	8.13733		
478219.90	3656168.87	7.56627	478080.55
3656204.25	16.71251		
478080.55	3656204.25	16.71251	478290.67
3655984.33	4.06478		
478302.10	3656030.60	4.35744	478226.86
3655930.20	3.95635		
478267.37	3655927.05	3.58841	478303.55
3655891.66	2.94570		
478316.92	3655919.97	3.12970	478169.04
3655874.35	3.64743		
478202.87	3655862.94	3.40372	478245.74
3655855.47	3.00649		
478039.25	3655857.38	4.44128	478104.58
3655853.02	3.78556		
478114.48	3655865.62	3.86905	

^ *** AERMOD - VERSION 22112 *** *** C:\Users\enuno\OneDrive -
 Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23
 *** AERMET - VERSION 22112 *** ***
 *** 20:07:49

PAGE 39

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```

, L0000003      , L0000004      , L0000005      ,
                  L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
                  L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
                  L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
477841.42	3656223.07	357.02372	(19120715)	477884.09
3656215.48	327.28187	(19120715)		
477799.16	3656239.28	354.20775	(21011718)	477767.77
3656252.20	378.61645	(21122316)		
477881.27	3656161.04	371.38200	(20063007)	477928.70
3656143.00	238.75388	(21010516)		
477877.59	3656112.60	350.49111	(19051018)	477859.22
3656047.80	215.97511	(19121518)		
477843.19	3656065.17	346.06877	(19120716)	477822.81
3656055.81	399.45051	(19120716)		
477769.69	3656067.17	285.10621	(19120616)	477723.93
3656083.21	358.26493	(19120616)		
477686.85	3656091.89	239.82765	(19120616)	477657.45
3656112.94	232.48407	(21011422)		
477613.02	3656131.64	224.46664	(19121221)	477697.85
3656267.16	307.85388	(21022320)		
477940.95	3656208.14	206.36539	(19021217)	477968.46
3656121.68	171.18326	(21010516)		
477929.95	3656071.37	186.52200	(19051018)	477929.95
3656071.37	186.52200	(19051018)		
477909.12	3656026.18	152.33865	(19020718)	477551.47
3656176.31	155.81269	(20022519)		
477556.58	3656193.99	162.13256	(21052506)	477563.65
3656214.04	166.25871	(21012103)		
477568.37	3656233.30	170.31173	(20022423)	477575.84
3656249.80	175.57376	(20021008)		
477732.03	3656324.49	234.32481	(19120722)	477771.22
3656319.93	245.21408	(20120720)		
477799.28	3656302.26	233.33795	(19120718)	477848.01
3656278.80	229.23914	(20012318)		
477855.40	3656303.97	196.07991	(20012318)	477662.28
3656312.36	199.24611	(20063006)		

477646.69	3656291.64	199.91289	(20020721)	477595.93
3656279.18	178.80631	(20101707)		
477601.71	3656295.67	174.87296	(20042606)	477613.11
3656310.25	172.76929	(20100201)		
477616.82	3656345.21	159.83202	(20063006)	477618.05
3656360.60	155.21809	(20063006)		
477656.63	3656372.50	155.90364	(19102120)	477693.56
3656356.70	168.30348	(19012719)		
477826.11	3656362.04	165.83303	(19010818)	477760.56
3656385.54	175.13106	(19033121)		
477685.56	3656397.61	144.36332	(21120824)	477529.12
3656164.51	143.90367	(20022519)		
477507.50	3656168.05	136.38263	(20022519)	477912.17
3656272.01	191.16836	(20101417)		
477898.42	3656260.31	222.06479	(20101417)	477991.80
3656212.32	139.44207	(19011618)		
477524.85	3656024.54	132.76476	(20022718)	477517.81
3655938.11	83.23917	(21122921)		
477507.57	3655899.06	72.60747	(21011706)	477512.69
3655838.24	65.07313	(19120616)		
477570.95	3655927.23	102.98457	(19120616)	477586.31
3655965.64	121.27368	(20020122)		
477585.03	3656041.82	170.22242	(21011322)	477594.63
3656082.15	161.96247	(21011721)		
477556.22	3655822.24	62.59251	(19121718)	477568.39
3655878.57	83.15030	(19120616)		
477543.42	3655763.34	52.16485	(19120702)	477533.71
3656261.02	150.10256	(20021008)		
477515.67	3656264.72	141.57865	(20021008)	477538.79
3656296.18	147.15532	(20101707)		
477553.60	3656327.17	141.17271	(20042606)	477555.45
3656350.29	134.78636	(20122220)		
477800.31	3656428.13	144.31481	(21010808)	477875.86
3656385.24	134.17633	(20012318)		
477831.04	3656391.64	146.47328	(19010818)	477898.26
3656364.11	127.32071	(21120119)		
477933.48	3656357.07	121.85032	(20101417)	477932.20
3656435.18	83.12894	(21120119)		
478012.87	3656438.38	68.47693	(20021118)	477838.08
3656479.35	104.55948	(19010818)		
477877.14	3656481.27	87.03677	(20122119)	477858.57
3656540.18	81.68345	(20120917)		
477797.10	3656557.46	99.49078	(21010808)	477980.86
3656506.24	62.06840	(21120119)		
478021.83	3656533.14	55.35194	(21120119)	478071.77
3656518.41	50.08208	(20021118)		
478101.22	3656514.57	49.08547	(19013019)	478071.13
3656478.71	55.44662	(19013019)		

*** AERMET - VERSION 22112 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
478062.17	3656435.82	60.96000	(19013019)	478019.91
3656485.12	61.19884	(21120119)		
477516.52	3656524.97	89.68884	(21020924)	477145.77
3655768.66	59.34605	(21011620)		
477163.44	3655768.66	56.15079	(19120705)	477181.11
3655768.66	56.27698	(19120705)		
477198.78	3655768.66	56.85274	(21011622)	477216.45
3655768.66	59.43691	(19120717)		
477357.81	3655768.66	44.50058	(21011706)	477393.15
3655768.66	46.75681	(21011706)		
477410.82	3655768.66	47.75346	(21011501)	477428.49
3655768.66	46.03927	(21011501)		
477145.77	3655796.44	59.83338	(20021524)	477163.44
3655796.44	58.39728	(19011102)		
477181.11	3655796.44	58.88236	(19011923)	477198.78
3655796.44	59.91232	(19011923)		
477216.45	3655796.44	61.67264	(19120705)	477340.14
3655796.44	45.41934	(19012503)		
477393.15	3655796.44	50.56124	(21011706)	477410.82
3655796.44	50.87783	(21011706)		
477428.49	3655796.44	50.61182	(21011706)	477145.77
3655824.22	59.87430	(20020120)		
477163.44	3655824.22	60.03746	(20122022)	477181.11

3655824.22	60.36188	(20122022)		
477198.78	3655824.22	61.86266	(19011102)	477216.45
3655824.22	63.92903	(19011923)		
477304.80	3655824.22	48.96110	(19120704)	477322.47
3655824.22	48.58412	(21011723)		
477393.15	3655824.22	52.82242	(20020122)	477410.82
3655824.22	55.25450	(20020122)		
477428.49	3655824.22	56.83554	(21011706)	477145.77
3655852.00	61.22099	(19012619)		
477163.44	3655852.00	61.21562	(20020120)	477181.11
3655852.00	62.27432	(20020120)		
477198.78	3655852.00	64.89922	(20122022)	477287.13
3655852.00	55.12698	(21011421)		
477304.80	3655852.00	54.57803	(21011421)	477340.14
3655852.00	53.66521	(19120704)		
477357.81	3655852.00	54.51279	(19120704)	477375.48
3655852.00	54.85679	(21011723)		
477428.49	3655852.00	59.84000	(20020122)	477145.77
3655879.78	62.27906	(20013021)		
477163.44	3655879.78	63.74328	(19012619)	477181.11
3655879.78	65.86038	(19012619)		
477269.46	3655879.78	60.16151	(20022718)	477322.47
3655879.78	60.72350	(21011421)		
477340.14	3655879.78	62.17026	(21011421)	477357.81
3655879.78	60.85153	(21011421)		
477375.48	3655879.78	57.11974	(19120704)	477393.15
3655879.78	59.49780	(19120704)		
477428.49	3655879.78	63.16812	(21011723)	477446.16
3655879.78	67.20874	(21122921)		
477463.83	3655879.78	64.95697	(20020122)	477481.50
3655879.78	66.24552	(21011706)		
477499.17	3655879.78	67.84447	(21011706)	477145.77
3655907.56	64.35208	(20012601)		
477163.44	3655907.56	65.76399	(21012121)	477181.11
3655907.56	66.99738	(21012121)		
477251.79	3655907.56	67.95570	(20120219)	477304.80
3655907.56	66.48883	(20022718)		
477322.47	3655907.56	66.65965	(20022718)	477340.14
3655907.56	71.30727	(20010619)		
477357.81	3655907.56	75.23226	(20010619)	477375.48
3655907.56	68.08243	(21011421)		
477393.15	3655907.56	64.67842	(21011421)	477428.49
3655907.56	68.53622	(19120704)		
477446.16	3655907.56	72.43990	(19011924)	477463.83
3655907.56	75.63698	(21011723)		
477481.50	3655907.56	71.87343	(21122921)	477499.17
3655907.56	72.00719	(20020122)		
477234.12	3655935.34	73.45379	(20122021)	477287.13
3655935.34	73.77059	(20022521)		
477304.80	3655935.34	71.85267	(20022521)	477322.47

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3655935.34      78.71550  (20120219)
      477340.14  3655935.34      92.40370  (20020120)      477357.81
3655935.34      95.71183  (20020120)
      477375.48  3655935.34      83.26699  (20022718)      477393.15
3655935.34      71.18900  (20010619)
      477410.82  3655935.34      74.37374  (21011421)      477446.16
3655935.34      82.18209  (21011421)
^ *** AERMOD - VERSION 22112 *** *** C:\Users\enuno\OneDrive -
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*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
                        INCLUDING SOURCE(S):      L0000001      , L0000002
, L0000003      , L0000004      , L0000005      ,
      L0000006      , L0000007      , L0000008      , L0000009      , L0000010
, L0000011      , L0000012      , L0000013      ,
      L0000014      , L0000015      , L0000016      , L0000017      , L0000018
, L0000019      , L0000020      , L0000021      ,
      L0000022      , L0000023      , L0000024      , L0000025      , L0000026
, L0000027      , L0000028      , . . .      ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
477463.83	3655935.34	84.64090	(21011421)	477481.50
3655935.34	82.21647	(19011924)		
477499.17	3655935.34	79.36830	(21011723)	477216.45
3655963.12	75.52352	(21012107)		
477269.46	3655963.12	78.91782	(20010320)	477287.13
3655963.12	80.80633	(20122021)		
477304.80	3655963.12	88.35516	(21012121)	477322.47
3655963.12	93.43572	(20010408)		
477340.14	3655963.12	95.42349	(20121519)	477357.81
3655963.12	99.09970	(21011519)		
477375.48	3655963.12	98.82861	(19012619)	477393.15
3655963.12	80.35252	(21011424)		
477410.82	3655963.12	81.21841	(21011424)	477463.83
3655963.12	95.00428	(20010619)		

477481.50	3655963.12	100.04044	(21011421)	477499.17
3655963.12	90.79793	(21011421)		
477251.79	3655990.90	81.77857	(21011803)	477269.46
3655990.90	83.58378	(21012107)		
477287.13	3655990.90	89.13992	(20022420)	477304.80
3655990.90	92.26985	(21011804)		
477322.47	3655990.90	93.31078	(21011804)	477340.14
3655990.90	95.25662	(19120301)		
477357.81	3655990.90	98.15465	(20010408)	477375.48
3655990.90	104.99348	(20010408)		
477393.15	3655990.90	99.39493	(20122021)	477410.82
3655990.90	86.92826	(19012601)		
477428.49	3655990.90	92.78681	(20022521)	477481.50
3655990.90	110.33265	(20022718)		
477499.17	3655990.90	106.24469	(20010619)	477269.46
3656018.68	89.44163	(20120218)		
477287.13	3656018.68	89.38592	(21021923)	477304.80
3656018.68	91.26341	(21021923)		
477322.47	3656018.68	94.12273	(20021721)	477340.14
3656018.68	96.49132	(20021721)		
477357.81	3656018.68	98.68377	(21011804)	477375.48
3656018.68	103.04571	(21011804)		
477393.15	3656018.68	110.88712	(21011804)	477410.82
3656018.68	111.44744	(20010320)		
477428.49	3656018.68	117.26112	(20012601)	477481.50
3656018.68	123.23543	(19120123)		
477499.17	3656018.68	128.04739	(19012619)	477145.77
3656046.46	73.93217	(19012904)		
477163.44	3656046.46	75.81820	(19120602)	477181.11
3656046.46	77.70024	(19120602)		
477198.78	3656046.46	79.73079	(21012102)	477216.45
3656046.46	82.39898	(21012102)		
477269.46	3656046.46	89.57912	(20121818)	477287.13
3656046.46	91.81915	(20120218)		
477304.80	3656046.46	94.96946	(20120218)	477322.47
3656046.46	97.67170	(20120218)		
477340.14	3656046.46	99.72553	(20120218)	477357.81
3656046.46	101.63219	(20120218)		
477375.48	3656046.46	104.38463	(19011822)	477393.15
3656046.46	112.63312	(21120601)		
477410.82	3656046.46	117.33409	(20013123)	477428.49
3656046.46	121.45814	(20013123)		
477446.16	3656046.46	124.78268	(21012107)	477499.17
3656046.46	141.28238	(19121307)		
477145.77	3656074.24	75.06067	(19021219)	477163.44
3656074.24	77.19260	(19021219)		
477181.11	3656074.24	79.35966	(19021219)	477198.78
3656074.24	81.54951	(19021219)		
477216.45	3656074.24	83.66562	(19012904)	477234.12
3656074.24	86.08821	(19012904)		

477287.13	3656074.24	93.74878	(19120602)	477304.80
3656074.24	96.03097	(19120602)		
477322.47	3656074.24	98.13910	(19120602)	477340.14
3656074.24	99.17250	(20120521)		
477357.81	3656074.24	98.90849	(20120521)	477375.48
3656074.24	99.94432	(20121818)		
477393.15	3656074.24	107.17955	(20121818)	477410.82
3656074.24	120.76006	(20120218)		
477428.49	3656074.24	126.56589	(20120218)	477446.16
3656074.24	132.55138	(20120218)		
477463.83	3656074.24	134.11072	(21011521)	477481.50
3656074.24	140.68664	(20011521)		
477499.17	3656074.24	147.69058	(19012322)	477145.77
3656102.02	75.95453	(19011824)		
477163.44	3656102.02	77.97834	(19011824)	477181.11
3656102.02	79.83060	(19011824)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
477198.78	3656102.02	81.83786	(19011824)	477216.45
3656102.02	83.64163	(19011824)		
477234.12	3656102.02	85.66200	(20011822)	477287.13
3656102.02	94.70650	(20011822)		
477304.80	3656102.02	97.76954	(19021219)	477322.47

3656102.02	96.39968	(19011922)		
477340.14	3656102.02	97.44572	(19011922)	477357.81
3656102.02	100.22140	(19011922)		
477375.48	3656102.02	103.06941	(19011922)	477393.15
3656102.02	106.09369	(19011922)		
477410.82	3656102.02	115.65673	(19011922)	477428.49
3656102.02	113.89222	(20121624)		
477446.16	3656102.02	131.55015	(19120602)	477463.83
3656102.02	140.22199	(21022321)		
477481.50	3656102.02	147.55524	(21010708)	477499.17
3656102.02	154.36607	(21010708)		
477145.77	3656129.80	75.68418	(21012101)	477163.44
3656129.80	77.48186	(21012101)		
477181.11	3656129.80	79.42509	(21012101)	477198.78
3656129.80	81.86603	(20011520)		
477216.45	3656129.80	84.42059	(20011520)	477234.12
3656129.80	86.89163	(20011520)		
477251.79	3656129.80	89.44306	(20011520)	477375.48
3656129.80	104.50263	(20011520)		
477393.15	3656129.80	107.34737	(20012121)	477410.82
3656129.80	108.02959	(20012121)		
477428.49	3656129.80	120.83209	(20012121)	477446.16
3656129.80	128.79694	(20012121)		
477463.83	3656129.80	140.78089	(19011824)	477481.50
3656129.80	136.87353	(19011922)		
477499.17	3656129.80	144.22187	(19011922)	477145.77
3656157.58	75.89592	(20022519)		
477163.44	3656157.58	77.59008	(20022519)	477181.11
3656157.58	79.91446	(20022519)		
477198.78	3656157.58	82.39361	(20022519)	477216.45
3656157.58	84.72130	(20022519)		
477234.12	3656157.58	86.52482	(20022519)	477251.79
3656157.58	88.03966	(20022519)		
477357.81	3656157.58	101.50282	(20022519)	477375.48
3656157.58	103.82469	(20022519)		
477393.15	3656157.58	104.86187	(20022519)	477410.82
3656157.58	108.51240	(20021522)		
477428.49	3656157.58	113.38899	(20021522)	477446.16
3656157.58	118.28010	(20021522)		
477463.83	3656157.58	124.94627	(20021522)	477481.50
3656157.58	128.29277	(20021522)		
477499.17	3656157.58	132.08592	(20021522)	477163.44
3656185.36	76.18518	(20120420)		
477181.11	3656185.36	78.35400	(20120420)	477198.78
3656185.36	80.32653	(20120420)		
477216.45	3656185.36	81.98337	(20120420)	477234.12
3656185.36	84.19454	(20120420)		
477251.79	3656185.36	86.73342	(20120420)	477269.46
3656185.36	89.56267	(20120420)		
477446.16	3656185.36	121.91230	(21071906)	477463.83

3656185.36	126.72377	(21071906)		
477481.50	3656185.36	130.16198	(21071906)	477499.17
3656185.36	135.86932	(21071906)		
477145.77	3656213.14	74.51705	(19022803)	477198.78
3656213.14	80.48277	(21052506)		
477216.45	3656213.14	82.35957	(21052506)	477234.12
3656213.14	84.61021	(21052506)		
477251.79	3656213.14	86.77712	(21052506)	477269.46
3656213.14	89.34471	(21052506)		
477410.82	3656213.14	108.99744	(21052506)	477428.49
3656213.14	112.64610	(21052506)		
477446.16	3656213.14	117.64629	(21012103)	477463.83
3656213.14	121.84407	(21012103)		
477481.50	3656213.14	127.80709	(21012103)	477499.17
3656213.14	135.15893	(21012103)		
477145.77	3656240.92	73.13972	(20120721)	477163.44
3656240.92	74.83817	(20120721)		
477181.11	3656240.92	76.65563	(20120721)	477234.12
3656240.92	82.37018	(20120721)		
477251.79	3656240.92	84.66943	(21012103)	477269.46
3656240.92	87.15686	(21012103)		
477287.13	3656240.92	90.34657	(21012103)	477304.80
3656240.92	93.41345	(21012103)		
477446.16	3656240.92	117.43870	(19022622)	477463.83
3656240.92	122.58528	(19022622)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_10 IN MICROGRAMS/M**3

**

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

477481.50	3656240.92	127.96802	(19022622)	477499.17
3656240.92	134.14289	(21022319)		
477145.77	3656268.70	74.75637	(21010408)	477163.44
3656268.70	76.10997	(21010408)		
477181.11	3656268.70	77.19498	(21010408)	477198.78
3656268.70	78.41946	(21010408)		
477216.45	3656268.70	80.05765	(21012103)	477269.46
3656268.70	86.21438	(19022622)		
477287.13	3656268.70	88.71030	(19022622)	477322.47
3656268.70	95.26559	(19022622)		
477340.14	3656268.70	98.00964	(19022622)	477463.83
3656268.70	120.40451	(21010603)		
477481.50	3656268.70	127.27759	(20021008)	477499.17
3656268.70	134.59211	(20021008)		
477163.44	3656296.48	75.90877	(20010618)	477181.11
3656296.48	77.38396	(20010618)		
477198.78	3656296.48	78.73551	(19022622)	477216.45
3656296.48	79.59508	(19022622)		
477234.12	3656296.48	80.66993	(19022622)	477251.79
3656296.48	83.03043	(21022319)		
477304.80	3656296.48	90.39304	(20022423)	477322.47
3656296.48	93.25249	(20022423)		
477340.14	3656296.48	95.43538	(21120603)	477357.81
3656296.48	98.54257	(21120603)		
477481.50	3656296.48	123.03056	(19012720)	477499.17
3656296.48	126.67304	(19022420)		
477145.77	3656324.26	71.46831	(20012804)	477198.78
3656324.26	77.28291	(20022423)		
477216.45	3656324.26	78.67943	(20022423)	477234.12
3656324.26	80.03780	(20022423)		
477251.79	3656324.26	82.19186	(21120603)	477269.46
3656324.26	84.01488	(21010603)		
477287.13	3656324.26	85.96425	(21010603)	477304.80
3656324.26	89.45832	(20021008)		
477322.47	3656324.26	92.59925	(20021008)	477340.14
3656324.26	95.45703	(20021008)		
477357.81	3656324.26	98.07499	(20021008)	477375.48
3656324.26	100.55509	(19012720)		
477481.50	3656324.26	122.74737	(20101707)	477499.17
3656324.26	127.14104	(20101707)		
477114.73	3655983.83	66.22941	(20120218)	477201.58
3656328.31	77.28431	(20022423)		
477226.26	3656328.31	79.43324	(21120603)	477250.94
3656328.31	81.83906	(21120603)		
477275.62	3656328.31	84.18091	(21010603)	477300.30
3656328.31	89.10804	(20021008)		

477324.98	3656328.31	93.22157	(20021008)	477349.66
3656328.31	96.23349	(20021008)		
477374.34	3656328.31	100.09314	(19012720)	477497.74
3656328.31	125.13059	(20101707)		
477522.42	3656328.31	128.93677	(20022902)	477547.10
3656328.31	138.37396	(21120823)		
477621.14	3656328.31	169.84568	(21022223)	477645.82
3656328.31	182.27270	(20063006)		
477152.22	3656345.01	72.28458	(21011518)	477201.58
3656345.01	76.28574	(21120603)		
477226.26	3656345.01	78.82341	(20021008)	477250.94
3656345.01	82.77388	(20021008)		
477275.62	3656345.01	85.82285	(20021008)	477300.30
3656345.01	88.49149	(20021008)		
477324.98	3656345.01	91.20817	(19012720)	477349.66
3656345.01	94.17895	(19012720)		
477374.34	3656345.01	95.86011	(19012720)	477497.74
3656345.01	118.86487	(21022222)		
477522.42	3656345.01	125.48211	(21120823)	477547.10
3656345.01	134.06464	(20042606)		
477571.78	3656345.01	140.99085	(20100201)	477596.46
3656345.01	151.10283	(20020721)		
477621.14	3656345.01	163.15235	(20063006)	477645.82
3656345.01	170.02751	(21020924)		
477324.98	3656361.71	88.89489	(19012720)	477349.66
3656361.71	90.03160	(19022420)		
477374.34	3656361.71	95.15686	(20101707)	477497.74
3656361.71	115.48333	(21120823)		
477522.42	3656361.71	122.67262	(20042606)	477547.10
3656361.71	128.72331	(20122220)		
477571.78	3656361.71	136.81346	(20021904)	477596.46
3656361.71	144.13494	(21022320)		
477621.14	3656361.71	154.74256	(20063006)	477645.82
3656361.71	160.10007	(20022901)		

*** AERMOD - VERSION 22112 *** C:\Users\enuno\OneDrive -
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,

L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

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

477324.98	3656378.41	85.42916	(20101707)	477349.66
3656378.41	92.55644	(20101707)		
477374.34	3656378.41	97.01550	(20101707)	477497.74
3656378.41	113.71094	(20042606)		
477522.42	3656378.41	117.75087	(20100201)	477547.10
3656378.41	124.08699	(20021904)		
477596.46	3656378.41	141.18196	(20063006)	477621.14
3656378.41	145.68596	(21020924)		
477645.82	3656378.41	151.27248	(19012924)	477152.22
3656395.11	72.31428	(20021008)		
477176.90	3656395.11	73.18130	(20021008)	477201.58
3656395.11	74.81353	(19012720)		
477226.26	3656395.11	76.60799	(19012720)	477250.94
3656395.11	77.52727	(19022420)		
477275.62	3656395.11	79.32075	(19022420)	477300.30
3656395.11	83.02820	(20101707)		
477324.98	3656395.11	89.04803	(20101707)	477349.66
3656395.11	93.16513	(20101707)		
477374.34	3656395.11	93.77399	(20101707)	477448.38
3656395.11	100.53755	(20042606)		
477497.74	3656395.11	109.37025	(19102519)	477522.42
3656395.11	112.93167	(20020721)		
477547.10	3656395.11	120.60119	(21022320)	477571.78
3656395.11	127.11930	(20063006)		
477596.46	3656395.11	132.66908	(20063006)	477621.14
3656395.11	137.95500	(20022901)		
477645.82	3656395.11	141.84478	(19102120)	477152.22
3656411.81	69.47529	(19012720)		
477176.90	3656411.81	71.47025	(19012720)	477201.58
3656411.81	72.56240	(19012720)		
477226.26	3656411.81	74.64006	(19022420)	477250.94
3656411.81	75.39758	(19022420)		
477275.62	3656411.81	80.68719	(20101707)	477300.30
3656411.81	85.16869	(20101707)		
477324.98	3656411.81	87.93399	(20101707)	477349.66
3656411.81	88.89455	(20013119)		
477374.34	3656411.81	90.84459	(20013119)	477423.70

3656411.81	94.91168	(20042606)	
477448.38	3656411.81	99.97184	(20042606) 477497.74
3656411.81	104.04432	(20100201)	
477522.42	3656411.81	111.24967	(20020721) 477547.10
3656411.81	115.56080	(21022223)	
477571.78	3656411.81	123.99342	(20063006) 477596.46
3656411.81	126.86939	(21020924)	
477621.14	3656411.81	131.80365	(19012924) 477645.82
3656411.81	132.46625	(19092524)	
477152.22	3656428.51	68.06852	(21021101) 477176.90
3656428.51	70.16102	(19022420)	
477201.58	3656428.51	71.66003	(19022420) 477226.26
3656428.51	73.59856	(20101707)	
477250.94	3656428.51	78.44666	(20101707) 477275.62
3656428.51	82.22355	(20101707)	
477300.30	3656428.51	83.93994	(20101707) 477324.98
3656428.51	85.03025	(20013119)	
477349.66	3656428.51	86.27638	(20013119) 477374.34
3656428.51	89.25130	(21022222)	
477497.74	3656428.51	104.30934	(20020721) 477522.42
3656428.51	108.48111	(21022223)	
477547.10	3656428.51	115.59940	(20063006) 477571.78
3656428.51	115.74396	(20063006)	
477596.46	3656428.51	120.86581	(19121304) 477621.14
3656428.51	124.30498	(19102120)	
477645.82	3656428.51	127.85008	(21011020) 477497.74
3656445.21	101.60458	(21022223)	
477522.42	3656445.21	106.51321	(20063006) 477547.10
3656445.21	112.09958	(20063006)	
477571.78	3656445.21	112.42401	(21020924) 477596.46
3656445.21	116.02328	(19012924)	
477621.14	3656445.21	117.52751	(21120222) 477645.82
3656445.21	121.47568	(19012719)	
477152.22	3656461.91	64.78740	(19040901) 477497.74
3656461.91	97.66991	(21022223)	
477522.42	3656461.91	105.78894	(20063006) 477547.10
3656461.91	104.62854	(20063006)	
477571.78	3656461.91	107.59298	(19121304) 477596.46
3656461.91	111.02956	(19012924)	
477621.14	3656461.91	111.52070	(21011020) 477645.82
3656461.91	115.33165	(19012719)	
477152.22	3656478.61	67.08812	(20101707) 477497.74
3656478.61	98.83822	(20063006)	

^ *** AERMOD - VERSION 22112 *** *** C:\Users\enuno\OneDrive -
 Dudek\Desktop\HARP2\HARP\Encinitas_Sanctua *** 02/12/23
 *** AERMET - VERSION 22112 *** ***
 *** 20:07:49

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0000001 , L0000002
 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010
 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018
 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026
 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
477522.42	3656478.61	101.64677	(20063006)	477547.10
3656478.61	101.44820	(21020924)		
477571.78	3656478.61	103.28946	(19012924)	477596.46
3656478.61	105.68871	(21120222)		
477621.14	3656478.61	108.63088	(21011020)	477645.82
3656478.61	109.75978	(21120824)		
477152.22	3656495.31	67.41782	(20101707)	477497.74
3656495.31	97.18056	(20063006)		
477522.42	3656495.31	94.28056	(20012122)	477547.10
3656495.31	97.28624	(20022901)		
477571.78	3656495.31	100.10360	(19012924)	477596.46
3656495.31	100.00476	(19092524)		
477621.14	3656495.31	104.53384	(19012719)	477645.82
3656495.31	105.49786	(21120824)		
477152.22	3656512.01	65.46621	(20101707)	477176.90
3656512.01	66.35036	(20013119)		
477300.30	3656512.01	74.19822	(20042606)	477324.98
3656512.01	74.77842	(20042606)		
477349.66	3656512.01	76.66332	(20100201)	477374.34
3656512.01	77.35701	(20050701)		
477399.02	3656512.01	82.10022	(20020721)	477522.42
3656512.01	92.43438	(21020924)		
477547.10	3656512.01	93.95875	(20022901)	477571.78
3656512.01	95.82921	(19102120)		
477596.46	3656512.01	97.04414	(21011020)	477621.14
3656512.01	100.03392	(19012719)		
477645.82	3656512.01	100.65312	(21020304)	477176.90
3656528.71	63.86439	(20013119)		

477300.30	3656528.71	72.09858	(20042606)	477324.98
3656528.71	73.27172	(19102519)		
477349.66	3656528.71	74.34008	(20100201)	477374.34
3656528.71	77.61378	(20020721)		
477399.02	3656528.71	80.57665	(20020721)	477522.42
3656528.71	89.30698	(20022901)		
477547.10	3656528.71	91.41043	(19012924)	477571.78
3656528.71	91.54300	(21120222)		
477596.46	3656528.71	94.76386	(21011020)	477621.14
3656528.71	95.06256	(21120824)		
477645.82	3656528.71	98.04951	(19120722)	477176.90
3656545.41	62.91439	(21022222)		
477300.30	3656545.41	70.60712	(19102519)	477324.98
3656545.41	71.47383	(20100201)		
477349.66	3656545.41	73.54703	(20020721)	477374.34
3656545.41	77.41202	(20020721)		
477399.02	3656545.41	79.47957	(21022223)	477423.70
3656545.41	81.50205	(20063006)		
477522.42	3656545.41	86.73313	(20022901)	477547.10
3656545.41	88.20710	(19102120)		
477571.78	3656545.41	87.92106	(21100303)	477596.46
3656545.41	92.62199	(19012719)		
477621.14	3656545.41	92.57571	(21120824)	477645.82
3656545.41	95.07604	(19120722)		
477176.90	3656562.11	62.20181	(21022222)	477300.30
3656562.11	69.06495	(20100201)		
477324.98	3656562.11	69.52777	(20020721)	477349.66
3656562.11	73.72319	(20020721)		
477374.34	3656562.11	75.68417	(21022223)	477399.02
3656562.11	77.01833	(21022223)		
477423.70	3656562.11	83.04134	(20063006)	477522.42
3656562.11	84.04112	(19012924)		
477547.10	3656562.11	84.35421	(19102120)	477571.78
3656562.11	86.11352	(21011020)		
477596.46	3656562.11	89.55813	(19012719)	477621.14
3656562.11	89.30728	(21120824)		
477645.82	3656562.11	91.50076	(19120722)	477176.90
3656578.81	60.79022	(20042606)		
477201.58	3656578.81	63.53072	(20042606)	477324.98
3656578.81	70.47970	(20020721)		
477349.66	3656578.81	71.94230	(20020721)	477374.34
3656578.81	74.37370	(21022223)		
477399.02	3656578.81	78.03404	(20063006)	477423.70
3656578.81	82.03042	(20063006)		
477547.10	3656578.81	81.41726	(19092524)	477571.78
3656578.81	84.79000	(19012719)		
477596.46	3656578.81	85.35525	(19012719)	477621.14
3656578.81	86.90618	(21020304)		
477645.82	3656578.81	87.42444	(19120722)	477201.58
3656595.51	62.11184	(20042606)		